

Space Activities in 2025

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2026 Jan 23

Rev 1.3

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Rev 1.0 - initial release

Rev 1.1 - redesignation of 2025-F02 failure to 2025-E01 pad explosion.

Rev 1.2 - miscellaneous data updates, noting 2025-313 launch issue

Rev 1.3 - Updated data, corrected mistakes in table 3

Preface

In this paper I present some statistics characterizing astronautical activity in calendar year 2025. In the 2014 edition of this review [1], I described my methodological approach and some issues of definitional ambiguity; that discussion is not repeated here, and it is assumed that the reader has consulted the earlier document, available at <https://planet4589.org/space/papers/space14.pdf> (The present work may be found as [space25.pdf](#) at the same location).

Most of the data in this paper is derived from my General Catalog of Artificial Space Objects [2]. Principal sources for orbital data are Space-Track [3], Celestrak [4], Mike McCants' hobbyist elements [5], and the United Nations [6].

1 Orbital Launch Attempts

1.1 Launch statistics by country

During 2025 there were 329 orbital launch attempts from Earth, with 321 reaching orbit or marginal orbit. This includes three near-orbital Starship launches, to which I assigned launch designations 2025-U02, U03 and U04, and two launch failures which just missed orbit, 2025-U01 and U05. It also includes 2025-U06, which made 1.5 orbits but was not cataloged by the US Space Force.

Table 1(a) gives statistics for all orbital attempts; Table 1(b) includes only launches that reached orbit.

Table 1: (a) Orbital Launch Attempts

	2018	2019	2020	2021	2022	2023	2024	2025
USA	31	21	37	45	78	109	145	181
Russia	17	22	12	16	21	19	17	17
China	39	34	39	56	64	67	68	92
Europe	11	9	10	15	6	3	3	8
<i>India</i>	7	6	2	2	5	7	5	5
<i>Japan</i>	6	2	4	3	1	3	7	4
<i>Israel</i>	0	0	1	0	0	1	0	1
<i>Iran</i>	0	2	2	2	1	2	4	1
<i>North Korea</i>	0	0	0	0	0	3	1	0
<i>South Korea</i>	0	0	0	1	1	2	0	2
<i>New Zealand</i>	3	6	7	6	9	7	13	17
<i>Australia</i>	0	0	0	0	0	0	0	1
Other	16	16	16	14	17	25	30	31
Total	114	102	114	146	186	223	263	329

Electron is licensed in the USA but can be launched from Mahia, on New Zealand territory, by the New Zealand subsidiary of the US-headquartered Rocket Lab. Mahia-launched Electron rocket stages are registered with the UN by New Zealand. (see, e.g. [7].) I go back and forth on this, but for now I consider Electron flights from Mahia to be a New Zealand launch of a US-manufactured rocket, and include them under New Zealand in Tables 1a and 1b.

Table 1: (b) Launches Reaching Orbit

	2018	2019	2020	2021	2022	2023	2024	2025
USA	31	21	34	43	76	104	145	179
Russia	16	22	12	16	21	19	17	17
China	38	32	35	53	62	66	66	91
Europe	11	8	10	15	5	3	3	7
<i>India</i>	7	6	2	1	5	7	5	4
<i>Japan</i>	6	2	4	3	0	2	5	4
<i>Israel</i>	0	0	1	0	0	1	0	1
<i>Iran</i>	0	0	1	0	1	1	4	0
<i>North Korea</i>	0	0	0	0	0	1	0	0
<i>South Korea</i>	0	0	0	0	1	2	0	1
<i>New Zealand</i>	3	6	6	5	9	6	13	17
Other	16	14	14	9	16	20	27	27
Total	112	97	105	136	180	212	258	321

1.2 Launch failures and uncataloged orbital launches

During the year there were five orbital launch failures. In general I award partial success scores to launches which reach orbit but do not successfully deploy all their payloads in their targeted orbits; there were three such cases this year.

By a historical quirk, the ‘international designations’ for successful orbital launches are assigned by the US Space Force. I assign special designations for those launches not cataloged by the US. Launches that are marginally orbital or fall just short of orbital are given ‘U’ designations. Launches that completely fail to reach orbit are assigned ‘F’ designations; for details, see GCAT [8],[9].

Three Starship launches in 2025 reached marginal orbit with perigees either slightly negative or slightly positive. These are included in the count of orbital launches even though they did not complete one orbit of the Earth.

The H3 failure in December is still under review. It currently appears that the second stage and satellite were damaged at fairing separation, and it seems possible (but not confirmed) that the satellite fell off the vehicle at first stage separation while the second stage limped into orbit on its own.

The status of the Soyuz launch on Dec 28 is also still uncertain. It appears that the sixth burn of the Fregat stage malfunctioned and some of the payloads, including the Marafon satellites, were deployed in an incorrect orbit.

The KZ-1A pad failure, previously 2025-F02, is now understood to have been a ground test accident prior to launch ignition (analogous for example to the Amos 6 failure) and has been redesignated 2025-E01; it is not now included in the statistics.

Table 2: F and U launches in 2025

Table 2 (a): 2025 orbital launch failures and partial failures						
Designation	Date	LV Stage	LV	Payload	Type of failure	Launch Score
2025-F01	Jan 16	USA	Starship V2	Ship 33	Engines out	0.00
2025-F03	Mar 6	USA	Starship V2	Ship 34	Engines out	0.00
2025-F04	Mar 30	Germany	Spectrum	Going Full Spectrum	Lost attitude	0.00
2025-U01	Apr 29	USA	Firefly Alpha	LM-400 Tech Demo	S2 nozzle hit at sep	0.00
2025-F05	May 18	India	PSLV-XL	RISAT-1B	Stage 3 lost pressure	0.00
2025-F06	Jul 29	Australia	Eris Block 1	Test	Low thrust	0.00
2025-F07	Aug 15	China	Zhuque-2E	WHJSW 07?	Stage 2 failure	0.00
2025-F08	Sep 18	Iran	Zoljanah	Test?	Stage 1 failed?	0.00
2025-U05	Nov 10	China	Gushenxing 1	Jixing Gaofen 04C	Stage 4 early shutdown	0.00
2025-U06	Dec 22	Japan	H3-22S	QZS 5	PAF failed, sat fell off rocket	0.20
2025-F09	Dec 23	South Korea	HANBIT-NANO	Test	Stage 1 failed	0.00
2025-313	Dec 28	Russia	Soyuz-2-1B	Soyuz Rideshare 16	Some deploys to wrong orbit	0.95
Table 2 (b): 2025 other additional launch designations						
Designation	Date	LV Stage	LV	Payload	Type of launch	Launch Score
2025-U02	May 27	USA	Starship V2	Ship 35	Marginally suborbital	1.00
2025-U03	Aug 26	USA	Starship V2	Ship 37	Marginally suborbital	1.00
2025-U04	Oct 13	USA	Starship V2	Ship 38	Marginally suborbital	1.00

1.3 Commercial Launches

Of the 329 orbital launch attempts: 99 were carried out by governments; 15 by commercial companies under contract to their host governments, and 215 by commercial companies for commercial customers, including foreign governments.

I count US Commercial Cargo and Crew flights as ‘under contract to host government’; although the launch contract is through a commercial intermediary, the choice of vehicle is negotiated as part of a government contract.

In this table Rocket Lab is counted as a US launch provider, although in other contexts I count the New-Zealand-based launches as belonging to New Zealand, consistent with the UN registration documents.

Here G = Government; CO = Commercial operation of government developed rocket; CG = commercial service provision to government; CX = Fully commercial service (but customers may include govt); C = Fully commercial (no govt involved); A = Amateur, academic, non-profit. See the 2014 document for full discussion; in 2022 the letter codes were altered to the current list and are now used in the online GCAT launch database.

Table 3: Commercial vs. government launches

Launch Provider	Launches	Type	Customers		
			Gov.	Comm.	Other gov
US Launch Providers					
BLOR New Glenn	2	C	0	2	0
FFLY Alpha	1	C	0	1	0
LM Atlas V	5	C	0	5	0
LM Vulcan	1	C	0	1	0
NGIS Minotaur IV/V	1	CG	1	0	0
RLABLB Electron	18	C	0	18	0
SPX Falcon 9	165	CX	10	151	4
SPX Starship	5	C	0	5	0
European Launch Providers					
AESP Ariane 5/6	4	G	4	0	0
AESP Vega	3	G	3	0	0
ISAR Spectrum	1	C	0	1	0
Russian Launch Providers					
KHRO Angara	4	G	4	0	0
MORF Soyuz	4	G	4	0	0
ROSK Soyuz	9	G	9	0	0
Chinese Launch Providers					
CALT CZ-11	1	G	1	0	0
CALT CZ-2C	3	G	3	0	0
CALT CZ-2F	3	G	3	0	0
CALT CZ-3	15	G	15	0	0
CALT CZ-5	4	G	4	0	0
CALT CZ-7	7	G	7	0	0
CALT CZ-8	7	G	6	1	0
CASC CZ-2D	1	CG	0	1	0
CASIC KZ-11	1	CO	0	1	0
CASIC KZ-1A	2	C	0	2	0
CZJL JL-3	4	C	0	4	0
DFK Yinli-1	1	C	0	1	0
LANDSP Zhuque-2E	2	C	0	2	0
LANDSP Zhuque-3	1	C	0	1	0
SAST CZ-2D	6	G	5	0	1
SAST CZ-4	7	G	7	0	0
SAST CZ-6	11	G	9	2	0
SAST Chang Zheng 12	3	G	3	0	0
SAST Chang Zheng 12A	1	G	1	0	0
XIDO Gushenxing-1	6	C	0	6	0
XJRY SQ-1	1	C	0	1	0
ZKYT ZK-1	5	C	0	5	0
Other Launch Providers					
GILM Eris Block 1	1	C	0	1	0
INNOSP HANBIT-NANO	1	C	0	1	0
IRGC Zoljanah	1	G	1	0	0
ISA Shavit	1	G	1	0	0
ISRO GSLV3	1	G	1	0	0
ISRO PSLV/GSLV	3	CO	3	0	0
JAXA H3	3	G	3	0	0
KARIK KSLV2	1	G	1	0	0
MHI H-II	1	CG	1	0	0
NSIL GSLV3	1	CO	0	1	0
Total	329		110	214	5

2 Satellite Launch Statistics

2.1 Satellites of the major space powers

Here I give total payloads (1) launched (Table 4) and (2) deployed (Table 5). Some satellites launched in previous years (e.g. to the ISS) were not deployed until 2025.

The 8 ANDESITE Node satellites launched in 2019 attached to the ANDESITE satellite [10] have not been deployed. Neither has the CAS-5B amateur radio satellite, as far as I can tell.

Not included are satellites which did not reach orbit due to launch failures.

Also not included in the count, but listed at the end of Appendix 2c, are several objects which are marginal cases.

Note that the correlation of specific satellites from a multi-satellite launch with specific catalog numbers (and thus, tracked objects) is uncertain in some case. This is indicated in the appendices with a question mark following the piece (international) designation.

It is unknown which company and which country is responsible for the three Semi/Baryon satellites launched aboard the Bandwagon-4 mission, and these are currently tagged as Unknown.

Table 4: Payloads launched per year

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Russia	15	24	23	31	22	20	51	67	98	87
USA	94	282	303	281	974	1237	1946	2231	2270	3721
China	40	36	98	73	74	111	182	212	265	371
Europe	22	42	60	50	134	357	190	252	114	147
Other	50	60	84	65	59	99	127	146	116	197
Unknown	0	0	0	0	0	0	0	0	0	3
Total	221	444	568	500	1263	1824	2496	2908	2863	4526

The 4523 satellites listed here and in Appendix 2b as having been deployed during 2025 include some satellites launched in previous years and deployed in 2025.

Table 5: Payloads deployed per year

	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Russia	14	25	23	29	22	19	50	67	98	88
USA	105	288	188	366	985	1234	1941	2231	2266	3726
China	40	36	95	74	72	113	181	210	265	371
Europe	21	43	57	50	135	355	187	244	115	145
Other	44	65	81	61	58	93	123	147	113	190
Unknown	0	0	0	0	0	0	0	0	0	3
Total	224	457	444	580	1272	1814	2482	2899	2857	4523

2.2 Satellite ownership by country

I now break this down by class for 2025 (first the launch powers, then other countries).

In 2025 the satellites deployed were owned by 52 countries.

In general I consider western Europe, loosely defined, as a single 'space power' because of the tight integration of its aerospace industry. Within this view, the four leading space powers are USA, China, Russia and (W) Europe. The second tier of space powers is comprised of Japan and India; all others are lumped as 'Other', further broken down regionally (and arbitrarily) for convenience. The 'Other' powers have limited or no launch capability of their own. (South Korea and Canada have space industries that make them candidates for the second tier in the near future). Countries which owned satellites covered in previous editions of the report are included in the table even if they had no new satellites this year.

I note that the US company E-Space operates satellites formally owned by its Rwandan subsidiary, and they are flagged as Rwandan in Space-Track. This appears to be merely a 'flag of convenience'.

Table 6: 2025 payloads launched by owner country and class

		A Academic/ NonProfit	B Business/ Commercial	C Civil	D Defense	SS Spaceship	Total Number
USA		15	3530	19	150	7	3721
China		6	164	154	43	4	371
Russia		9	50	5	18	5	87
F	France	0	19	6	1	0	26
DK	Denmark	0	1	0	1	0	2
D	Germany	2	16	1	0	0	19
I	Italy	1	16	14	0	0	31
E	Spain	4	8	1	2	0	15
UK	UK	0	10	1	0	0	11
L	Luxembourg	1	3	0	0	0	4
N	Norway	0	3	1	0	0	4
P	Portugal	1	1	0	0	0	2
FI	Finland	1	12	0	0	0	13
I-ESA	ESA	0	0	3	0	0	3
GR	Greece	1	3	0	0	0	4
CH	Switzerland	0	4	0	0	0	4
I-EUM	EUMETSAT	0	0	2	0	0	2
I-EU	EU	0	0	4	0	0	4
IE	Ireland	0	1	0	0	0	1
Europe (W)		11	97	33	4	0	145
Japan		11	18	5	0	1	35
India		0	9	2	1	0	12
BGN	PR Bulgaria	0	1	0	0	0	1
CZ	Czech Republic	1	1	0	1	0	3
PL	Poland	4	3	0	0	0	7
HU	Hungary	1	2	0	0	0	3
BY	Belarus	2	0	0	0	0	2
ME	Montenegro	0	1	0	0	0	1
Europe (E)		8	8	0	1	0	17
UY	Uruguay	0	3	0	0	0	3
MX	Mexico	1	2	0	0	0	3
EC	Ecuador	1	0	0	0	0	1
Latin America		2	5	0	0	0	7
UAE	UAE	3	6	4	0	0	13
PK	Pakistan	1	0	3	0	0	4
TR	Turkey	0	19	0	0	0	19
IL	Israel	9	0	1	1	0	11
BH	Bahrain	0	0	1	0	0	1
IR	Iran	0	1	3	0	0	4
SA	Saudi Arabia	0	0	2	0	0	2
EG	Egypt	0	0	1	0	0	1
KW	Kuwait	0	1	0	0	0	1
QA	Qatar	1	0	0	0	0	1
Middle East		14	27	15	1	0	57

		A Academic/ NonProfit	B Business/ Commercial	C Civil	D Defense	SS Spaceship	Total Number
TW	Taiwan	4	4	1	0	0	9
MY	Malaysia	1	2	0	0	0	3
T	Thailand	1	1	0	0	0	2
KR	South Korea	5	10	6	2	0	23
SG	Singapore	1	0	0	0	0	1
ID	Indonesia	1	1	0	0	0	2
AZ	Azerbaijan	1	0	0	0	0	1
NP	Nepal	1	0	0	0	0	1
Asia (other)		15	18	7	2	0	42
BW	Botswana	1	0	0	0	0	1
RW	Rwanda	0	5	0	0	0	5
TN	Tunisia	0	1	0	0	0	1
Africa		1	6	0	0	0	7
Canada		0	6	0	0	0	6
AU	Australia	1	11	0	0	0	12
SB	Solomon Is.	1	0	0	0	0	1
NZ	New Zealand	1	0	0	0	0	1
Australasia		3	11	0	0	0	14
Total		95	3949	240	220	17	4521

Table 7: Mass (tonnes) of 2025 payloads launched by owner country and class

		A Academic/ NonProfit	B Business/ Commercial	C Civil	D Defense	SS Spaceship	Total Mass (tonne)
USA		0.3	2514.4	3.9	99.8	93.6	2712.0
China		0.3	45.3	141.9	100.3	37.5	325.3
Russia		1.5	0.4	11.4	11.1	36.7	61.1
F	France	0.0	0.4	1.3	3.6	0.0	5.3
I	Italy	0.0	1.8	0.6	0.0	0.0	2.3
E	Spain	0.0	0.3	0.0	12.2	0.0	12.5
UK	UK	0.0	3.9	0.0	0.0	0.0	3.9
FI	Finland	0.0	1.1	0.0	0.0	0.0	1.1
I-ESA	ESA	0.0	0.0	1.3	0.0	0.0	1.3
I-EUM	EUMETSAT	0.0	0.0	7.8	0.0	0.0	7.8
I-EU	EU	0.0	0.0	4.8	0.0	0.0	4.8
Europe (W)		0.0	9.0	15.8	15.8	0.0	40.7
Japan		0.0	2.2	7.9	0.0	16.0	26.1
India		0.0	0.4	4.6	4.4	0.0	9.4
Europe (E)		0.1	0.2	0.0	0.0	0.0	0.3
Latin America		0.0	0.1	0.0	0.0	0.0	0.1
UAE	UAE	0.0	5.4	1.2	0.0	0.0	6.7
PK	Pakistan	0.0	0.0	1.3	0.0	0.0	1.3
IL	Israel	0.0	0.0	4.5	0.3	0.0	4.8
Middle East		0.0	5.8	7.4	0.3	0.0	13.6
KR	South Korea	0.0	1.3	1.8	1.6	0.0	4.7
ID	Indonesia	0.0	7.8	0.0	0.0	0.0	7.8
Asia (other)		0.1	9.4	2.2	1.6	0.0	13.3
Africa		0.0	0.2	0.0	0.0	0.0	0.2
Australasia		0.0	0.6	0.0	0.0	0.0	0.6
Total		2.3	2588.3	195.2	233.3	183.7	3202.9

2.3 Satellite manufacture by country

Most countries build only very small (cubesat) satellites, purchasing their larger satellites from one of the main space powers. Here I tabulate the manufacturers of the 42 satellites launched in 2025 with estimated launch masses of 100 kg or more.

HSF is 'Human spaceflight', including related robotic missions such as cargo ships to support ISS. 'Surv.' is surveillance, including early warning and space debris surveillance; visible and radar imaging recon satellites and weather sats are under 'Imaging'. Microgravity research, geodesy and planetary probes are included under Sci (Science). Satellites built in the UK, France, Germany, Italy, Spain and the Netherlands are lumped together as 'EUR' to reflect the integration of the western European aerospace industry.

Table 8: 2025 payloads by manufacturer country - 100 kg and up only

	HSF	Comms	Imaging	Nav	SIGINT	Surv.	Sci	Tech	Total
USA	8	3400	104	2	4	1	14	9	3542
RU	5	6	11	2	0	0	3	2	29
PRC	4	195	40	43	11	1	3	16	313
EUR	0	4	14	3	3	0	5	10	39
Lithuania	0	1	2	0	3	0	0	0	6
UAE	0	0	2	0	0	0	0	0	2
Japan	1	0	9	1	0	0	1	1	13
Taiwan	0	0	1	0	0	0	0	0	1
Turkey	0	0	0	2	0	0	0	1	3
India	0	1	1	1	0	0	0	0	3
Pakistan	0	0	2	0	0	0	0	0	2
Argentina	0	0	0	0	0	0	0	1	1
South Korea	0	0	4	0	0	0	0	1	5
Israel	0	1	1	0	0	0	0	0	2
Australia	0	0	1	0	0	0	0	0	1
Iran	0	1	0	0	0	0	0	1	2
Total	18	3609	192	54	21	2	26	42	3964

3 Military Space Activities

Military satellites include navigation, communications, and technology development missions in addition to the intelligence gathering activities that I report here.

Notably, the OTV 7 spaceplane, launched in 2023, landed from an elliptical aerobraking orbit on Mar 7.

3.1 Space Surveillance

The US Space Development Agency continued deploying its PWSA missile tracking and data relay system. 21 Praetorian data relay satellites from York Space Systems were launched on Sep 10; 21 T1TL-C data relay satellites built by Lockheed Martin and Terran Orbital were launched on Oct 14.

The LDPE-2 tug, launched in 2022, and one of the USSF-51 payloads launched in 2024, continued to deploy subsatellites in near-synchronous (but classified) orbits, for a mission that remains obscure. USA 554, launched with the NTS 3 navigation technology sat on Vulcan flight 3 in August, is also near-synchronous.

TJS 14, launched by China on Jan 23 to 18.4E in GEO, may be a Huoyan early warning satellite.

Russia's Kosmos-2588, launched on May 23, is thought to be a Nivelir-L satellite that is making remote observations of US satellites.

Kosmos-2589 and Kosmos-2590 in highly elliptical synchronous orbit may be carrying out observations of GEO satellites, but their primary mission appears to have been a technology test related to satellite servicing, and they may have docked during 2025 Sep. They remained close to each other until Nov 14. They then separated to maintain a 3000 km separation.

3.2 Optical Imaging

2025 continued deployment of the US NRO/SpaceX proliferated Starshield constellation. It is not clear whether these satellites carry communications, imaging, or sigint payloads, or a mixture. 89 Starshield satellites were launched in 2025.

China launched three imaging satellites in a new series, codenamed Yaogan 45, 46 and 47. Yaogan 45 and 46 were a new system, presumably for wide area surveillance, launched to a 7500 km, 20 deg inclination MEO. Yaogan 47 is a conventional large LEO imaging spy satellite, as is Gao Fen 14-02, launched by CZ-3B on Oct 26, and the experimental Shi Jian 26, launched on May 29.

The OO-MKA small LEO satellites launched by Russia in Feb and Aug may be imaging satellites, although they also carried out mutual maneuvers. Kosmos-2583 ejected an object that may be a subsatellite.

France launched the CSO-3 imaging satellite on Mar 6.

3.3 Radar Imaging

The six Shiyan 27 sats launched by China on Apr 18 are thought to be an experimental radar imaging constellation.

South Korea's ADD launched two more radar satellites on Apr 22 and Nov 2. Israel launched Ofeq-19 on Sep 2.

3.4 Signals Intelligence

The US NRO launched two INTRUDER class LEO signals intel satellites; USA 498 on Mar 24 and USA 570 on Dec 9.

USA 521/522, two satellites launched on a Minotaur on Apr 16, may also be related to this program.

China launched six small Yaogan-40 LEO satellites as well as several TJS missions, some of which are likely sigint and some technology tests. In particular, I believe the CZ-5 launches of TJS 20 and TJS 23 are likely to be sigint missions. The Molniya orbit satellite TJS-21 may also be a sigint satellite.

The mission of a new series of satellites which eject apogee motors on reaching GEO, TJS 15, TJS 17 and TJS 19, is unclear.

3.5 Mozhaets-6

The Russian satellite Mozhaets-6 (Kosmos-2596) was launched on 2025 Sep 13 as a secondary payload on a Glonass-K1 launch (Kosmos-2595) By 2025 Dec the US Space Force had not released any orbital data for it, although it's likely that some of the early orbital data for Kosmos-2595 are really cross-tagged data that belong to the Mozhaets.

3.6 Summary of the TJS series and other high orbit secret Chinese satellites

The first TJS (Tongxing Jishu Shiyan Weixing, *Experimental Communications Technology Satellite*) satellite was launched in 2015. The series is cover name for several programs. Here is my provisional assessment of the TJS series. Some satellites ejected an apogee kick motor before entering GEO (labelled AKM in the table). However, although an object which separated from the TJS 3 satellite was labelled as as apogee motor by US Space Force, it was acutally a manueverable subsatellite (see the Subsat column) and is unique in that respect within the TJS series. The three separating-apogee-motor satellites include two CZ-3B and one CZ-3C launch; it is not clear if the latter is a separate subseries.

The SJ(Shi Jian Weixing, *Application Satellite*) series name goes back to the early 1970s. It has recently been used for a number of high orbit satellites. The SY (Shiyan Weixing, *Experimental Satellite*) series goes back to the early 2000s and also has been used for some high orbit satellites as well as LEO ones. It appears that SY satellites are fully experimental/R&D, while SJ satellites are more mature projects but still pre-operational. However, it's unclear whether the SY and SJ cover names and the TJS cover name have overlap in the underlying programs, so they are included here. Only GEO and Molniya orbit SJ and SY satellites are included in the following table (not LEO ones).

Launch	Satellite	Launch	LV	AKM?	Subsat?	Program	Location
Qianshao-3 sigint (CZ-3B)							
2015-046	TJS 1	2015 Sep 12	CZ-3B	N	N	Qianshao-3	155.0E
2019-070	TJS 4	2019 Oct 17	CZ-3B	N	N	Qianshao-3	83.5E
2021-135	TJS 9	2021 Dec 29	CZ-3B	N	N	Qianshao-3	137.2E
Huoyan missile warning (CZ-3B)							
2017-001	TJS 2	2017 Jan 5	CZ-3B	N	N	Huoyan	107.5E, 66.5E
2020-002	TJS 5	2020 Jan 7	CZ-3B	N	N	Huoyan	178.5E, 107.5E
2021-010	TJS 6	2021 Feb 4	CZ-3B	N	N	Huoyan	178.5E
2021-077	TJS 7	2021 Aug 24	CZ-3B	N	N	Huoyan ?	146.5E, 99.5W
2024-246	TJS 12	2024 Dec 20	CZ-3B	N	N	Huoyan	146.5E
2025-017	TJS 14	2025 Jan 23	CZ-3B	N	N	Huoyan ?	18.4E
2025-290	TJS 22	2025 Dec 9	CZ-3B	N	N	Huoyan?	66.5E
TJS with ejected apogee motor (CZ-3B, CZ-3C)							
2025-045	TJS 15	2025 Mar 9	CZ-3B	Y	N	TJS-15	90.3E, 94.4E
2025-073	TJS 17	2025 Apr 10	CZ-3B	Y	N	TJS-15	152.8E, 164.5E
2025-097	TJS 19	2025 May 12	CZ-3C	Y	N	TJS-15?	141.2E
CZ-7A launches, possibly Huoyan-2 series?							
2023-169	TJS 10	2023 Nov 3	CZ-7A	N	N	Huoyan-2?	173.0E
2025-064	TJS 16	2025 Mar 29	CZ-7A	N	N	Huoyan-2?	152.5E, 160.6E
2025-277	SJ-28	2025 Nov 30	CZ-7A	N	N	Unknown	116.8E

CZ-5 launches, possibly replacing Qianshao-3?							
2017-F03	SJ-18	2017 Jul 2	CZ-5	N?	N?	?	Failed to orbit
2024-037	TJS 11	2024 Feb 23	CZ-5	N	N	TJS-11	120.3E
2025-238	TJS 20	2025 Oct 23	CZ-5	N	N	TJS-11	62.5E
2025-306	TJS 23	2025 Dec 20	CZ-5	N	N	TJS-11	175.5E
GEO multi-location surveillance (CZ-3C)							
2018-110	TJS 3	2018 Dec 24	CZ-3C	N	Y	TJS-3	59.0E, various
CZ-5 launches of SJ satellites - GEO multilocation surveillance							
2016-065	SJ-17	2016 Nov 3	CZ-5/YZ-2	N	N	SJ-17	Various
2019-097	SJ-20	2019 Dec 27	CZ-5	N	N	SJ-17?	Various
CZ-7A launches of SJ and SY satellites - GEO drift surveillance							
2021-129	SY12-01	2021 Dec 23	CZ-7A	N	N	SY-12	GEO drift
2021-129	SY12-02	2021 Dec 23	CZ-7A	N	N	SY-12	GEO drift
2023-002	SJ-23	2023 Jan 8	CZ-7A	Y	N	SJ-23	GEO drift
SJ servicing satellites							
2021-094	SJ-21	2021 Oct 24	CZ-3B	N	Y	SJ-21	Various
2025-002	SJ-25	2025 Jan 6	CZ-3B	N	N	SJ-21	Various
SY inclined GEO sats							
2020-F02	XJY-6	2020 Mar 16	CZ-7A	-	-	XJY	Failed to orbit
2021-019	SY-9	2021 Mar 11	CZ-7A	N	N	XJY?	146E
2025-196	SY-29	2025 Sep 5	CZ-3C/YZ-1	N	N	SY29	95E, inclined 29 deg
SJ communications satellite tests							
2017-018	SJ-13 (ZX-16)	2017 Apr 12	CZ-3B	N	N	ZX	110.5E
Molniya orbit launches (CZ-3B)							
2021-087	SY10-01	2021 Sep 27	CZ-3B	N	N	SY-Mol	Molniya
2022-178	SY10-02	2022 Dec 29	CZ-3B	N	N	SY-Mol	Molniya
2024-227	TJS 13	2024 Dec 3	CZ-3B	N	N	TJS-Mol	Molniya
2025-269	TJS 21	2025 Nov 21	CZ-3B	N	N	TJS-Mol	Molniya

3.7 USA satellite designations in 2025

The USA satellite designations were introduced in 1984 for US military satellites, to obscure the missions of the secret ones. Here is an index of USA names assigned in 2025, including satellites launched earlier but deployed and cataloged during the year.

The agency abbreviations are:

AFRL	Air Force Research Lab
Del 4	Delta 4, US Space Force
Del 8	Delta 8, US Space Force
Del 9	Delta 9, US Space Force
NRO	US National Reconnaissance Office
SSC	Space Systems Command, LAAFB, US Space Force
USSF	US Space Force
AFRCO	Rapid Capabilities Office, WPAFB, US Sace Force

I note the release of a substantial number of classified subsatellites in near-synchronous orbit by the 2022-144 and 2024-134 missions.

Table 10: USA satellite designations 2025

Cover name	Other name	Piece name	Agency	Orbit	Notes
USA 463-484	Starshield Launch 6?	2025-005	NRO	350 x 351 x 70.0	Unknown
USA 485-486	Starshield Launch B3	2025-058	NRO	309 x 313 x 43.0	Unknown
USA 487-497	Starshield Launch 7?	2025-058	NRO	498 x 505 x 70.0	Unknown
USA 498	INTRUDER 18?	2025-060	NRO	908 x 1306 x 64.0	Sigint
USA 499-520	Starshield Launch 8?	2025-074	NRO	281 x 325 x 70.0	Unknown
USA 521-522	NRO Smallsat 15/16	2025-077	NRO	1097 x 1124 x 63.4	Sigint?
USA 523-544	Starshield Launch 9?	2025-079	NRO	285 x 293 x 70.0	Unknown
USA 545	GPS III SV08	2025-116	USSF	20178 x 20185 x 55.0	Navigation
USA 546-548	ESPASat?	2022-144	USSF	36000 x 36100? x 4?	Unknown
USA 549-550	Starshield Launch B4	2025-165	NRO	312 x 326 x 97.6	Unknown
USA 551-553	ESPASat?	2022-144	USSF	36000 x 36100? x 4?	Unknown
USA 554	ESPASat?	2025-173	USSF	36000 x 36100? x 4?	Unknown
USA 555	X-37B OTV-8	2025-183	AFRCO	327 x 334 x 49.5	Spaceplane
USA 556-557	ESPASat?	2022-144	USSF	36000 x 36100? x 4?	Unknown
USA 558-565	Starshield Launch 10?	2025-213	NRO	464 x 469 x 70.0	Unknown
USA 566-569	ESPASat?	2024-134	USSF	36000 x 36100? x 4?	Unknown
USA 570	INTRUDER 19?	2025-291	NRO	1008 x 1207 x 63.4	Sigint

4 Special Topics

4.1 SpaceX Starship

SpaceX's new Starship launch vehicle had five test flights during the year. The 2024 flights had used the V1 version of the Ship upper stage, while the 2025 flights, flight tests 7 to 11, used the more capable V2 (Block 2) version. The Block 2 booster was substantially the same as for Block 1.

The test flights, launched from the Starbase site in Texas, targeted an approximately 0×192 km marginal orbit. Flight tests 7, 8 and 9 suffered failures in the ascent phase while flights 10 and 11 were largely successful with controlled descent to the Indian Ocean.

- Flight 7 was launched at 2237 UTC Jan 16 from Starbase, Texas, but failed to reach orbit. I assign designation 2025-F01 to the launch. Super Heavy Booster 14 reached an apogee of 91 km, performed a boostback burn, and was caught by the launch tower.

Ship 33 separated from Booster 14 at 2m40s. There are three 'center' and three 'outboard' Raptor engines on Ship. At T+7:40 one center engine went out, followed at T+8:02 by a second center one and T+8:04 by the adjacent outboard one.

At T+8:18 Ship lost a second outboard engine. At T+8:24 the final one of the three center engines failed, and loss of signal with the vehicle occurred at T+8:26, at an altitude of 146 km, 27s prior to planned end of propulsion.

At this point, 2245 UTC, the vehicle was in a roughly -3170×146 km $\times$ 26.4 deg orbit. Either a RUD or an automated destruct now occurred and Ship 33 was destroyed. The debris was observed a couple of minutes later over the Turks and Caicos, with numerous tiles falling on the islands. Denser parts of the ship would have reentered over the ocean north of Puerto Rico and the British Virgin Is around 2249 UTC.

- The eighth Starship test flight was launched on 2025 Mar 6 from Starbase using Booster 15 and Ship 34. The Booster successfully returned for a tower catch. The Ship again failed late in the ascent burn, with loss of signal at T+9m35s, and was destroyed over the Bahamas.

Four Starlink simulators were carried, and would have been used to test the dispenser.

- The ninth Starship test flight was launched on 2025 May 27 from Starbase using Booster 14 and Ship 35. The Booster, the first to be reflown, performed a separation maneuver whose tipoff direction was accurately controlled for the first time. After a descent profile designed to stress the system, it was to attempt a simulated soft landing in the Gulf of Mexico. However, the rocket exploded upon landing burn ignition.

Ship separation, ignition and propulsion were successful, putting Ship on the planned suborbital trajectory.

Eight Starlink simulators were carried, and would have been used to test the dispenser. However the dispenser door did not open fully and was closed again without simulator deployment. Shortly after, propellant leaks caused loss of attitude control, resulting in cancellation of the planned Raptor restart test. The main fuel tank pressurization system diffuser failed, causing the leaks.

With no attitude control on reentry over the Indian Ocean, Ship was destroyed with flap burnthrough at 64 km and loss of signal at around 59 km, 47 min into the flight.

I can't quite get the height and velocity curves from the webcast to yield a consistent orbit solution. The height values are well fit by -15×189 km; the velocity values suggest more like $+5 \times 189$ km $\times$ 26.5 deg. I suspect the latter is closer to correct.

Target orbit was $+1 \times 215$ km, as for flights 3 to 8.

- The tenth Starship test flight was launched on 2025 Aug 26 from Starbase using Booster 16 and Ship 37 on a marginal orbit trajectory with a near-zero perigee height. The Booster was flown on a test trajectory including a flip separation maneuver and a landing burn using a backup engine and then a two engine touchdown on the Gulf of Mexico; no attempt to return to launch site was made.

Ship carried eight Starlink simulators, which were deployed from the payload bay, and carried out an in-space Raptor restart, which occurred at 145 km on descent. Based on the webcast height and velocity figures, the burn was around 22 m/s posigrade and increased the orbit from around 2 x 192 km to 47 x 220 km. Pre and post burn perigees are uncertain by at most 10 km.

Ship carried test experimental thermal tiles and flew an entry profile designed to stress the flaps. Entry was over the Indian Ocean. The aft skirt suffered a small explosion and partial structural failure during descent, but the Ship carried on to a controlled soft landing on the ocean surface. Postflight reports suggested the landing burn was late and underpowered, resulting in a harder than expected touchdown. As expected, a few seconds after touchdown, the ship toppled and exploded.

- Starship flight 11 was on 2025 Oct 13.

Starship Booster 15, on its second flight, was launched from Starbase, Texas carrying Ship 38. The booster was flown under control to a destructive splashdown in the Gulf. Ship completed a successful burn to an orbit of (-1 plus or minus 5) x 192 km x 26 deg. Near apogee it released eight more dummy Starlink payloads. During descent, one engine was restarted to raise perigee to about +50 km. The vehicle survived reentry and made a successful intact splashdown in the Indian Ocean. As expected, about 13s later it toppled over and exploded, completing a successful flight.

4.2 SpaceX Starlink

The Starlink internet constellation is by far the largest satellite constellation and is now a majority of all active satellites - 66 percent of the 14132 satellites assessed to be active as of 2025 Dec 13.

The constellation currently consists of ten shells of satellites at different altitudes and four inclinations. Most of the older V1.0 satellites have been retired. V1.5 satellites continue in service as well as the larger V2 Mini and V2 Mini Optimized models. 674 V2 Mini Direct-To-Cell (DTC) satellites operate in the two lowest orbital shells. SpaceX continues to rearrange the constellation, with some V2Mini satellites being lowered from the 540-560 km shells to the 450-500 km range during 2025, possibly to ensure rapid reentry in case of failure and/or to provide stronger signal reception.

- 70 deg, 572 km (336 V1.5 Group 2 and 222 V2Mini Group 15)
- 97 deg, 563 km (109 V1.5 Group 3)
- 43 deg, 559 km (652 V1.5 Group 5 and 615 V2Mini Group 6)
- 97 deg, 549 km (99 V1.5 Group 3 and 290 V2Mini Group 13,17)
- 53 deg, 547 km (574 V1.0)
- 53 deg, 540 km (1369 V1.5 Group 4)
- 43 deg, 483 km (1414 V2Mini Group 6,12,13)
- 53 deg, 475 km, (1838 V2Mini Group 7,8,9,10,11)
- 53 deg, 359.7 km (313 V2Mini Group 7, 8, 9 DTC)
- 43 deg, 356.5 km (326 V2Mini Group 12 DTC)

By 2025 Dec 25, 10801 Starlink satellites had been launched. 1391 (13%) had reentered, mostly as a result of deliberate retirement although I assess that 134 (1.2%) had failed prior to reentry, with a further 11 (0.10%) currently failed in orbit undergoing natural orbital decay. One satellite (Starlink-35956) has undergone a debris-generating in-orbit breakup (This recent event is still being assessed). Of the 9399 working Starlinks in orbit, 8163 are assessed to be in the operational orbit shells (including 154 out-of-shell undergoing phasing relocations) with 897 still orbit raising and 339 undergoing orbit lowering for retirement.

4.3 Commercial Secrecy

In recent years it has become more common for launch providers to launch commercial satellites without identifying the owner of the satellite or even the launching state, in contravention of 68-year-long common state practice and of at least the spirit, and perhaps the letter, of UN Res 1721B and the Registration Convention.

In some cases, the identify of the satellites has become public some time after launch, or at least has become possible to infer. In other cases the satellites are still unknown. I strongly deplore this situation - the tradition of sharing launch information on satellites has helped us to avoid concerns that military satellites, and even weapons, are being hidden among the mass of commercial ones. It also raises the issue of who will be liable if one of the unidentified satellites were to collide with someone else's payload. I hereby call on national launch licensing authorities to require launch providers to identify the owners, or *at least* nationalities, of each satellite on a launch. I'm looking at you here in particular, US OCST and New Zealand Space Agency.

In 2025, the following satellites were launched anonymously:

Launch	Date	Satellite Name	Owner	Space-Track In?	Country	Status Dec 2025
SpaceX Transporter 12	2025 Jan 14	FUSION 1	Seiren Co.	No	(Japan)	Belatedly announced
SpaceX IM-2	2025 Feb 2	Orbit Guard 2	Infinite Orb.	No	(France)	Cubesat attached to failed Chimera tug; never officially confirmed
SpaceX Bandwagon 4	2025 Nov 2	Semi-1, 2, 3 (Baryon-1L,1N,1P)	Unknown	No	UNK	Still unknown
Rocket Lab Elec. 68	2025 Jun 28	Lyra-4	Echostar AU	Yes	Australia	Belatedly in Space-Track
Rocket Lab Elec. 70	2025 Aug 23	Calistus A to E	E-Space?	Yes	Rwanda	Guessed from country
Rocket Lab Elec. 76	2025 Nov 20	Global-33	BlackSky	Yes	USA	Belatedly announced

This issue is separate from, although related to, the problem of operators not telling Space Force which catalog number corresponds to their satellite, leading to large numbers of unidentified satellites in the official US catalog. For example, the NASA-Ames PY4 satellites were launched in Mar 2024 and although announced in press releases, were never identified with specific objects in Space-Track. It's embarrassing when this happens for US government satellites, and sets a bad example. I suspect the PY4 sats were 59109, 59138, 59139, and 59144, all of which have now reentered.

If anyone has any information about the owners of Semi-1/2/3 (Baryon-1L/1N/1P), I encourage you to share it with me!

4.4 Scientific Programs

Significant scientific launches during 2025 included a trio of spacecraft sent by the USA to Sun-Earth Lagrange 1: NOAA's Space Weather Follow On (SWFO-L1), NASA's IMAP to study neutral atoms in the heliosphere, and NASA's Carruthers Geocorona Observatory to study the hydrogen halo of the Earth. The major astronomy launch was NASA's SphereX, which will carry out an infrared sky survey. Also notable were NASA's PUNCH quartet of heliophysics probes, Japan's Ibuku-GW greenhouse gas monitor, and China's Zhangheng 1-02 seismic monitoring satellite.

Russia launched a second pair of Ionosfera-M satellites to study the ionosphere.

Lunar missions included Firefly Aerospace's Blue Ghost, which successfully landed; Intuitive Machines' IM-2, which made a partially successful landing but tipped over and was unable to deploy its MAPP rover payload; Japanese iSpace's Resilience lander, which crashed at landing; and Lunar Trailblazer, which failed to enter lunar orbit. Other deep space missions including Odin from AstroForge, an asteroid survey mission, and Epic Aerospace's Chimera GEO-1, a space tug which was to head to GEO after a lunar encounter. Both of these missions failed. China's Tianwen-2 asteroid mission and UC Berkeley's ESCAPADE Blue and Gold Mars orbiters were launched during the year and are en route to their targets.

4.5 Chinese LEO communications satellites

A bewildering variety of poorly documented Chinese low orbit communications satellite systems launched in the past decade appear to have consolidated into two main internet constellations: the government Xingwang (also sometimes nicknamed Guowang) and the commercial Qianfan.

Xingwang (SatNet) is short for 'WeiXING HuilanWANG' (Satellite Internet) and the operational Xingwang satellites are launched under the name Weixing Hulanwang Digui Weixing (Satellite Internet Low Orbit Satellite, WHDW), with some test satellites called Weixing Hulanwang Jishu Shiyan Weixing (Satellite Internet Technology Test Satellite, WHJSW). The WHDW satellites are in two shells, one at 1168 km and 86.5 deg, and the other at 1149 km and 50.0 deg. The Qianfan satellites are labelled as Qianfan Jigui NN zu weixing (Qianfan Polar Orbit Group NN satellites). They are in a 1069 km, 89.0 deg shell.

Xingwang and Qianfan, 2025									
Desig	Mission	Launch date	LV	Site	No of sats	Manuf.	Deploy ht	Op. ht	Inc
Xingwang test launches									
2023-095	WHJSW-1	2023 Jul 9	CZ-2C/YZ-1S	JQ	2	CAST	1105	1110	86.5
2023-181	WHJSW-2	2023 Nov 23	CZ-2D/YZ-3	XSC	3	SAST,SECM	1100	1104	50.0
2023-190	WHJSW-3	2023 Dec 5	JL-3	YJ	1	SECM	910	1110	86.5
2023-212	WHJSW-4	2023 Dec 30	CZ-2C/YZ-1S	JQ	3	CAST	935	1104	50.0
2024-226	WHJSW-5	2024 Nov 30	CZ-12	HCSLS	1	YINNT	1035	1104	50.0
2025-067	WHJSW-6	2025 Apr 1	CZ-2D	JQ	4	YINNT, CGSTL	450	453	55.0
2025-F07	WHJSW?	2025 Aug 15	ZQ-2E	JQ	4?	CAST?	-	-	50.0
2025-209	WHJSW-7	2025 Sep 16	CZ-2C/YZ-1S	JQ	4	ZHSW, WEINA	810	880	50.0
Xingwang operational launches									
2024-240	WHDW 01	2024 Dec 16	CZ-5B/YZ-2	WEN	10	CAST?	1100	1168	86.5
2025-030	WHDW 02	2025 Feb 11	CZ-8A	WEN	9	CAST	868	1149	50.0
2025-086	WHDW 03	2025 Apr 28	CZ-5B/YZ-2	WEN	10	CAST?	1105	1168	86.5
2025-121	WHDW 04	2025 Jun 5	CZ-6A	TY	5	SECM	1002	1168	86.5
2025-159	WHDW 05	2025 Jul 27	CZ-6A	TY	5	CAST	1002	1168	86.5
2025-162	WHDW 06	2025 Jul 30	CZ-8A	HCSLS	9	SECM	872	1149	50.0
2025-168	WHDW 07	2025 Aug 4	CZ-12	HCSLS	9	YINNT	900	1149	50.0
2025-174	WHDW 08	2025 Aug 13	CZ-5B/YZ-2	WEN	10	CAST	1104	1168	86.5
2025-178	WHDW 09	2025 Aug 17	CZ-6A	TY	5	CAST	1002	1168	86.5
2025-187	WHDW 10	2025 Aug 25	CZ-8A	HCSLS	9	SECM	873	1149	50.0
2025-220	WHDW 11	2025 Sep 27	CZ-6A	TY	5	SECM	1002	1168	86.5
2025-231	WHDW 12	2025 Oct 16	CZ-8A	HCSLS	9	CAST	872	-	50.0
2025-258	WHDW 13	2025 Nov 10	CZ-12	HCSLS	9	SECM	806	-	50.0
2025-285	WHDW 14	2025 Dec 6	CZ-8A	HCSLS	9	CAST	875	-	50.0
2025-287	WHDW 15	2025 Dec 8	CZ-6A	TY	5	CAST	1003	-	86.5
2025-295	WHDW 16	2025 Dec 11	CZ-12	HCSLS	9	SECM	806	-	50.0
2025-311	WHDW 17	2025 Dec 25	CZ-8A	HCSLS	9	CAST	872	-	50.0
Qianfan launches									
2024-140	Qianfan Jigui 01	2024 Aug 6	CZ-6A	TY	18	SECM	800	1069	89.0
2024-185	Qianfan Jigui 02	2024 Oct 15	CZ-6A	TY	18	GESIH	800	1069	89.0
2024-232	Qianfan Jigui 03	2024 Dec 5	CZ-6A	TY	18	SECM	800	1069	89.0
2025-016	Qianfan Jigui 06	2025 Jan 23	CZ-6A	TY	18	SECM	800	1069	89.0
2025-046	Qianfan Jigui 05	2025 Mar 11	CZ-8	HCSLS	18	GESIH	940	1069	89.0
2025-233	Qianfan Jigui 18	2025 Oct 17	CZ-6A	TY	18	SECM	800		89.0

5 Space Stations in 2025

5.1 ISS traffic

Table 11 lists arrivals, departures, deployments and spacewalks at ISS during 2025 [11].

Updated: 2026 Jan 24 1540:46

ISS event log, 2025

Date	Time	Module/VV	Object	Event	Desc
2025 Jan 11	1745	Progress MS-28	ISS TCM-371	Maneuver	dV = 1.8 m/s dt = 1155.0 s
2025 Jan 16	1253	Quest	Spacewalk ISS US EVA-91	Depress airlock	EV1 Hague, T.Nk. in EMU 3013
2025 Jan 16	1253	Quest	Spacewalk ISS US EVA-91	Depress airlock	EV2 Williams, S. in EMU 3003
2025 Jan 16	1901	Quest	Spacewalk ISS US EVA-91	Repress airlock	EV1 Hague, T.Nk. in EMU 3013
2025 Jan 16	1901	Quest	Spacewalk ISS US EVA-91	Repress airlock	EV2 Williams, S. in EMU 3003
2025 Jan 30	1237?	Quest	Spacewalk ISS US EVA-92	Depress airlock	EV1 Williams, B. in EMU 3013
2025 Jan 30	1237?	Quest	Spacewalk ISS US EVA-92	Depress airlock	EV2 Williams, S. in EMU 3003
2025 Jan 30	1809	Quest	Spacewalk ISS US EVA-92	Repress airlock	EV2 Wilmore, B. in EMU 3013
2025 Jan 30	1809	Quest	Spacewalk ISS US EVA-92	Repress airlock	EV1 Williams, S. in EMU 3003
2025 Feb 3	0658	Progress MS-28	ISS TCM-372	Maneuver	dV = 1.8 m/s dt = 1227.0 s
2025 Feb 20	0130	Progress MS-28	ISS TCM-373	Maneuver	dV = 1.9 m/s dt = 1341.2 s
2025 Feb 25	2017:33	Zvezda	Progress MS-28	Departed	-
2025 Mar 1	2302:30	Zvezda	Progress MS-30	Arrived	-
2025 Mar 16	0404	PMA-2	Dragon Endurance (Crew-10)	Arrived	+ McClain, A.C., Ayers, N., Onishi T., Peskov, K.A.
2025 Mar 18	0505	PMA-3	Dragon Freedom (Crew-9)	Departed	- Hague, T.Nk., Hague, T.Nk., Gorbunov, A.V., Gorbunov, A.V., Wilmore, B.E., Williams, S.L.
2025 Mar 28	1055	Unity Nadir	S.S. Francis R. Scobee	Departed	-
2025 Apr 2	0952	Progress MS-30	ISS TCM-374	Maneuver	dV = 2.1 m/s dt = 1035.5 s
2025 Apr 8	0857:44?	Prichal	Soyuz MS-27	Arrived	+ Ryzhikov, S.N., Zubritskiy, A.V., Kim, J.Y.
2025 Apr 19	2157:33	Rassvet	Soyuz MS-26	Departed	- Ovchinin, A.N., Vagner, I.V., Pettit, D.R.
2025 Apr 19	2157:33	ISS	Expedition 73	Expedition Start	-
2025 Apr 22	1240	PMA-3	Dragon CRS-32	Arrived	-
2025 Apr 24	0008	Progress MS-30	ISS TCM-375	Maneuver	dV = 1.2 m/s dt = 639.7 s
2025 Apr 30	2210	Progress MS-30	ISS TCM-376	Maneuver	dV = 0.3 m/s dt = 212.8 s
2025 May 1	1256	Quest	Spacewalk ISS US EVA-93	Depress airlock	EV1 McClain, A. in EMU 3003
2025 May 1	1256	Quest	Spacewalk ISS US EVA-93	Depress airlock	EV2 Ayers, N. in EMU 3015
2025 May 1	1849	Quest	Spacewalk ISS US EVA-93	Repress airlock	EV1 McClain, A. in EMU 3003
2025 May 1	1849	Quest	Spacewalk ISS US EVA-93	Repress airlock	EV2 Ayers, N. in EMU 3015
2025 May 23	1605	PMA-3	Dragon CRS-32	Departed	-
2025 Jun 19	0234	Progress MS-30	ISS TCM-377	Maneuver	dV = 0.3 m/s dt = 208.4 s
2025 Jun 26	1031:47	PMA-3	Axiom Ax-4	Arrived	+ Whitson, P.A., Shukla, S., Uzanski, S., Kapu T.
2025 Jul 1	1843:28	Poisk	Progress MS-29	Departed	-
2025 Jul 1	2125:45	Poisk	Progress MS-31	Arrived	-
2025 Jul 14	1115	PMA-3	Axiom Ax-4	Departed	- Whitson, P.A., Shukla, S., Uzanski, S., Kapu T.
2025 Jul 16	1445	Progress MS-30	ISS TCM-378	Maneuver	dV = 1.1 m/s dt = 600.0 s
2025 Aug 2	0628:56	PMA-3	Dragon Endeavour (Crew-11)	Arrived	+ Cardman, Z.N., Fincke, E.M., Yui K., Platonov, O.V.
2025 Aug 8	2215	PMA-2	Dragon Endurance (Crew-10)	Departed	- McClain, A.C., Ayers, N., Onishi T., Peskov, K.A.
2025 Aug 14	0428	Progress MS-30	ISS TCM-379	Maneuver	dV = 1.0 m/s dt = 647.3 s
2025 Sep 9	1545:30	Zvezda	Progress MS-30	Departed	-
2025 Sep 13	1723	Zvezda	Progress MS-32	Arrived	-
2025 Sep 18	1124	Unity Nadir	S.S. William C. McCool	Arrived	-
2025 Sep 19	0850	JEM	Dragonfly (1998-067XH)	Deployed	from J-SSOD No. 32
2025 Sep 19	0850	JEM	Raicho (1998-067XN)	Deployed	from J-SSOD No. 32
2025 Sep 19	1040	JEM	ASC (1998-067XJ)	Deployed	from J-SSOD No. 32
2025 Sep 19	1040	JEM	Horai (1998-067XK)	Deployed	from J-SSOD No. 32
2025 Sep 19	1040	JEM	Hamorui (1998-067XL)	Deployed	from J-SSOD No. 32
2025 Oct 10	0940	JEM	YOTSUBA-KULOVER (1998-067XN)	Deployed	from J-SSOD No. 33
2025 Oct 10	0950	JEM	IMATU (1998-067XP)	Deployed	from J-SSOD No. 33
2025 Oct 10	0950	JEM	BUTAN (1998-067XQ)	Deployed	from J-SSOD No. 33
2025 Oct 16	1649	Poisk	Spacewalk ISS VKD-64	Depress airlock	02 Zubritskiy S. in Orlan-MKS No. 6
2025 Oct 16	1649	Poisk	Spacewalk ISS VKD-64	Depress airlock	01 Ryzhikov S. in Orlan-MKS No. 7
2025 Oct 16	2139:36	Zvezda	UrtheCast HRC (2013-069)	Deployed	from Zvezda
2025 Oct 16	2300?	Poisk	Cleaning towel (1998-067)	Deployed	from Poisk
2025 Oct 16	2300?	Poisk	Cleaning towel (1998-067)	Deployed	from Poisk
2025 Oct 16	2320?	Poisk	Spacewalk ISS VKD-64	Repress airlock	02 Zubritskiy S. in Orlan-MKS No. 6
2025 Oct 16	2320?	Poisk	Spacewalk ISS VKD-64	Repress airlock	01 Ryzhikov S. in Orlan-MKS No. 7
2025 Oct 28	1357	Poisk	Spacewalk ISS VKD-65	Depress airlock	02 Zubritskiy S. in Orlan-MKS No. 6
2025 Oct 28	1357	Poisk	Spacewalk ISS VKD-65	Depress airlock	01 Ryzhikov S. in Orlan-MKS No. 7
2025 Oct 28	2115	Poisk	Spacewalk ISS VKD-65	Repress airlock	02 Zubritskiy S. in Orlan-MKS No. 6
2025 Oct 28	2115	Poisk	Spacewalk ISS VKD-65	Repress airlock	01 Ryzhikov S. in Orlan-MKS No. 7
2025 Oct 29	1658	Harmony Nadir	HTV-X1	Arrived	-
2025 Nov 19	1304	Progress MS-32	ISS TCM-385	Maneuver	dV = 1.6 m/s dt = 847.5 s
2025 Nov 27	1234:35	Rassvet	Soyuz MS-28	Arrived	-
2025 Dec 2	0810	JEM	DUPLEX (1998-067XS)	Deployed	from NRCSO No. 29
2025 Dec 2	0820	JEM	RHOK-SAT (1998-067XT)	Deployed	from NRCSO No. 29

ISS event log, 2025					
Date	Time	Module/VV	Object	Event	Desc
2025 Dec 2	0820	JEM	SilverSat (1998-067XV)	Deployed	from NRCSD No. 29
2025 Dec 2	0820	JEM	ContentCube (1998-067XW)	Deployed	from NRCSD No. 29
2025 Dec 2	0820	JEM	CU Alpha (1998-067XX)	Deployed	from NRCSD No. 29
2025 Dec 2	0950	JEM	EagleSat-2 (1998-067XU)	Deployed	from NRCSD No. 29
2025 Dec 2	0950	JEM	Foras Promineo (1998-067XY)	Deployed	from NRCSD No. 29
2025 Dec 9	0141:30	Prichal	Soyuz MS-27	Departed	- Ryzhikov, S.N., Zubritskiy, A.V., Kim, J.Y.
2025 Dec 9	0141:30	ISS	Expedition 74	Expedition Start	-

International Space Station orbital history 2025

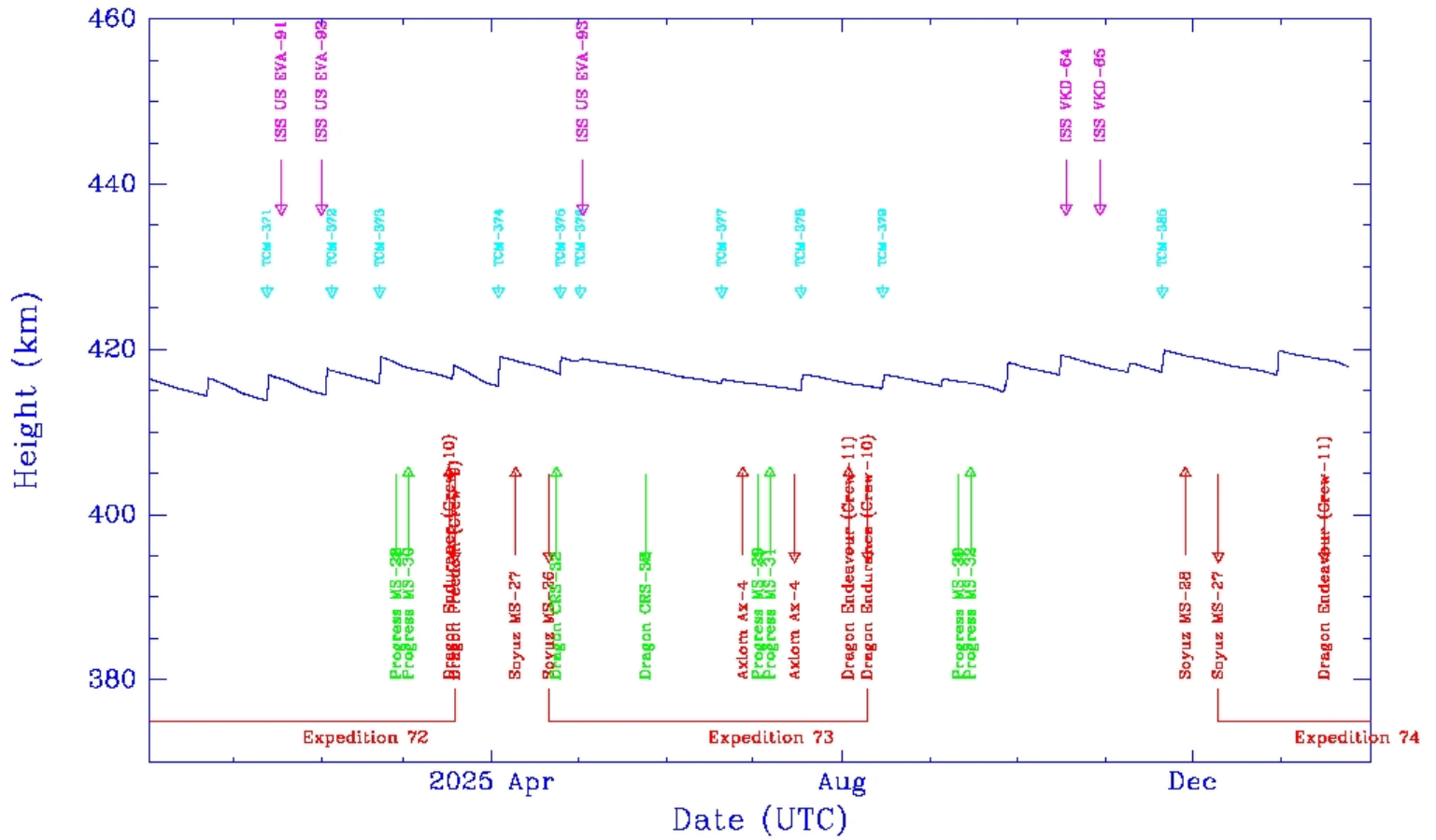


Figure 1: ISS traffic in 2025: Height vs Time plot

5.2 Chinese Space Station

Assembly of the long-awaited Chinese Space Station (CSS) began in 2021 and was completed in 2022 [12],[13],[14],[15].

The overall station is sometimes called the ‘Tiangong station’ (Tiangong Kongjianzhan), which is confusing following the now-completed missions of the simpler Tiangong-1 and Tiangong-2 stations. It is more often just called the ‘Chinese Space Station’ (Zhongguo Kongjianzhan, 中国空间站) and I will refer to it this way (or as CSS).

Expedition 8 (ZaiRen 8) landed on Apr 29, and was replaced by the ZaiRen 9 crew of Chen Dong, Chen Zhongrui and Wang Jie who arrived on Apr 24 aboard Shenzhou-20. The ZR10 crew of Zhang Lu, We Fei and Zhang Hongzhang arrived on Oct 31 aboard Shenzhou 21. The return of the ZR9 crew to Earth aboard Shenzhou 20 was cancelled due to the discovery of a debris strike on the ship’s window. They returned instead on Shenzhou 21 on Nov 14, and on Nov 25 Shenzhou 22 was launched without a crew to provide a new lifeboat for the ZR10 crew.

There were seven spacewalks from the station in 2025, on Jan 20, Mar 21, May 22, Jun 26, Aug 15, Sep 25 and Dec 9, mostly for debris panel installation. The EVA on May 22 was carried out from the Tianhe module as the Wentian airlock was being used to stage equipment. The other spacewalks were from Wentian.

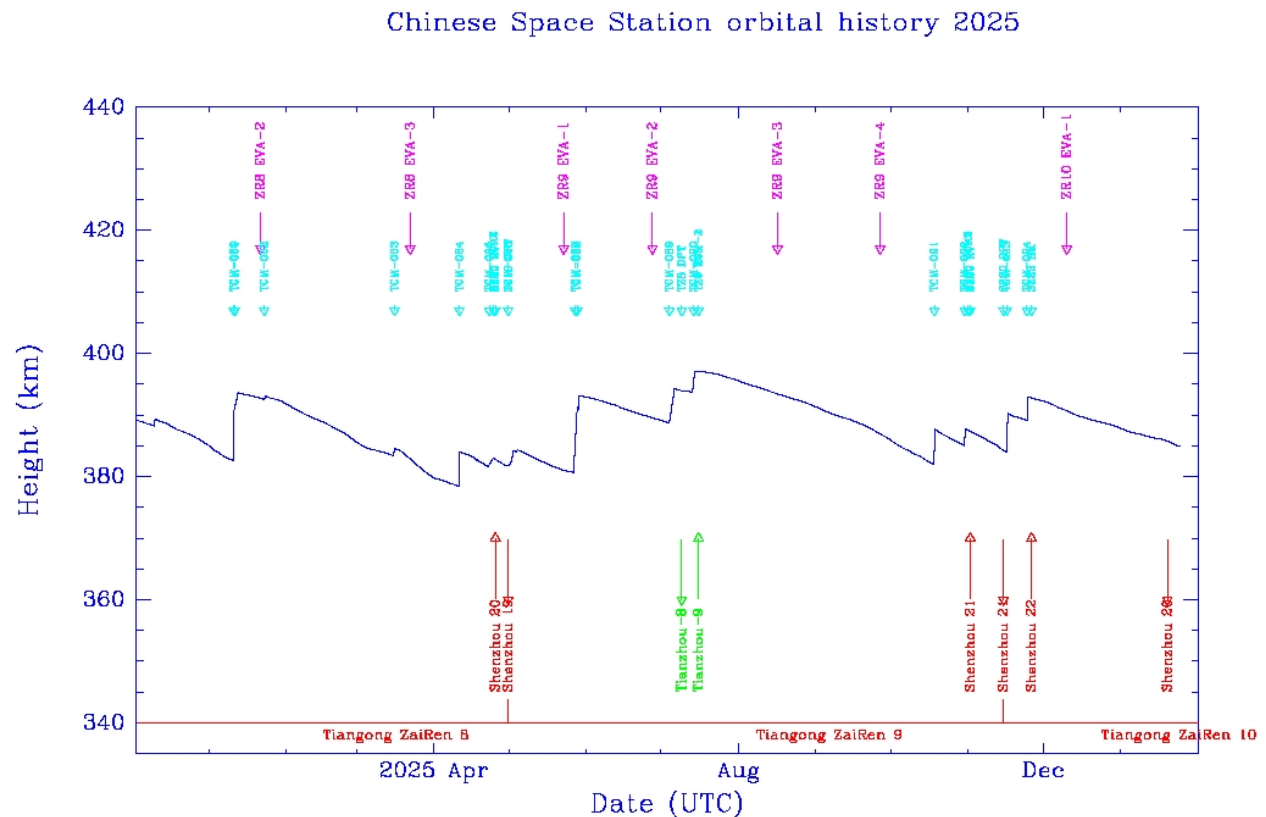


Figure 2: CSS orbital history, showing major events

6 Orbital Traffic, Debris and Decay

At the end of 2025 there were 32204 cataloged objects in orbit or beyond and the total known mass in orbit increased to 16198 tonnes. The breakdown for number of objects is listed in table 12 and for the mass in orbit in table 13. Note that the sum of the individual mass figures falls short of the mass totals by a few tonnes due to complications with spurious catalog entries; but the uncertainties on those totals are probably in any case probably of the order of ten percent due to the uncertainty on masses of individual objects.

I include as active payloads any satellite thought to be still transmitting even occasionally, while other sources may only include those thought to be in full operational service. In either case, distinguishing active from dead payloads is often partly guesswork for those satellites which do not perform regular orbital maintenance maneuvers, and the uncertainty in the total number of active satellites is probably of order 10%.

Many of the active satellites are now members of large LEO constellations, especially Starlink. For details of large constellation activity see the pages at

<https://planet4589.org/space/con/conlist.html>

The category ‘Alt.Pay.’ (alternative payloads) has been added as a bookkeeping convenience to account for objects that are in a marginal category - could arguably be considered payloads but are not counted as such in most lists. They are mostly short lived and so make only a small contribution here.

Figure 3 shows the evolution of the debris population versus time; I mark Starlink satellites as a separate category. In Figure 4 to 7 I show subsets of this data for small and large objects (below/above 100 kg) and for the lower and upper parts of LEO (below/above 600 km), showing the dramatic difference in the population and its evolution for LLEO (Lower LEO, below 600 km) and ULEO (Upper LEO, 600-2000 km).

Prior to the 2023 edition I called out the two biggest debris clouds (the 2007 Chinese antisatellite test and the 2009 Iridium-Strela collision) as separate entries in the tables and plots. I now tabulate ASAT-related debris and collision-related debris from all debris clouds rather than isolating those particular incidents.

Table 12: Cataloged objects in orbit at end of year, 2014-2025

	Active Payloads	Dead Payloads	Alt Pay.	Rocket Bodies	Op. Debris	ASAT debris	Collision debris	Other debris	Spurious	Total
2014 Dec 31	1295	2527	12	1683	1447	3368	1695	5786	0	17813
2015 Dec 31	1406	2560	13	1721	1454	3290	1577	6398	0	18419
2016 Dec 31	1508	2609	12	1754	1466	3263	1539	6452	0	18603
2017 Dec 31	1816	2696	12	1785	1492	3246	1511	6428	0	18986
2018 Dec 31	2042	2790	16	1846	1545	3231	1487	6602	0	19559
2019 Dec 31	2286	2919	16	1874	1570	3246	1478	6915	1	20305
2020 Dec 31	3257	3101	17	1895	1589	3218	1498	7464	0	22039
2021 Dec 31	4748	3239	20	1925	1663	4949	1478	7543	0	25565
2022 Dec 31	6719	3324	28	1964	1626	3497	1355	8169	0	26682
2023 Dec 31	8985	3274	20	1993	1561	3054	1154	7830	1	27872
2024 Dec 31	10617	3337	20	1997	1480	2810	937	8213	5	29416
2025 Dec 31	14269	3071	17	2029	1453	2701	802	7855	7	32204

Table 13: Mass of cataloged objects in orbit at end of year, 2014-2025(tonnes)

	Active Payloads	Dead Payloads	Alt Pay.	Rocket Bodies	Op. Debris	ASAT debris	Collision debris	Other debris	Spurious	Total
2014 Dec 31	2550	1808	1	2918	152	0	0	1	0	7431
2015 Dec 31	2715	1833	1	3026	159	0	0	1	0	7736
2016 Dec 31	2844	1885	1	3112	163	0	0	1	0	8008
2017 Dec 31	3001	1928	1	3221	168	0	0	1	0	8322
2018 Dec 31	3178	1956	1	3376	167	0	0	1	0	8682
2019 Dec 31	3332	2001	1	3419	172	0	0	1	0	8928
2020 Dec 31	3627	2079	1	3472	178	0	0	1	0	9360
2021 Dec 31	4102	2127	1	3523	186	0	0	1	0	9942
2022 Dec 31	4777	2198	2	3613	182	0	0	1	0	10776
2023 Dec 31	5889	2241	1	3722	178	0	0	1	0	12033
2024 Dec 31	7514	2289	1	3749	168	0	0	1	0	13725
2025 Dec 31	9901	2246	1	3884	163	0	0	0	0	16198

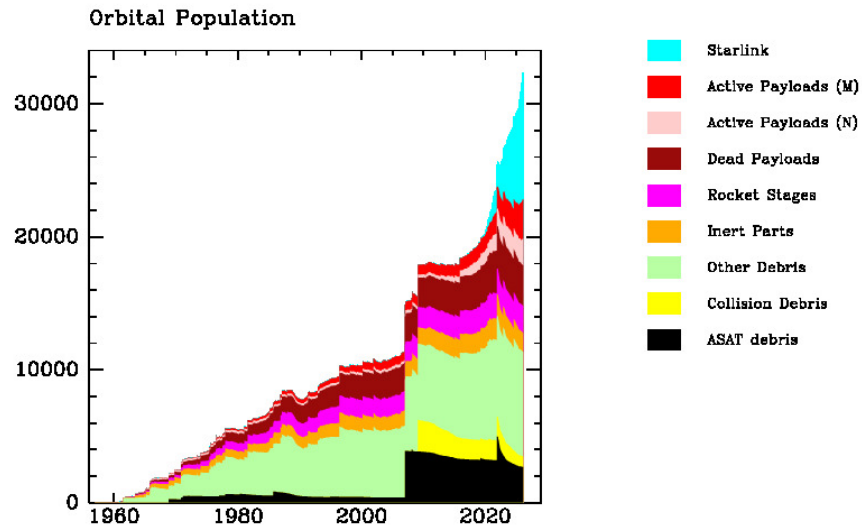


Figure 3: Orbital object population 1957-2025

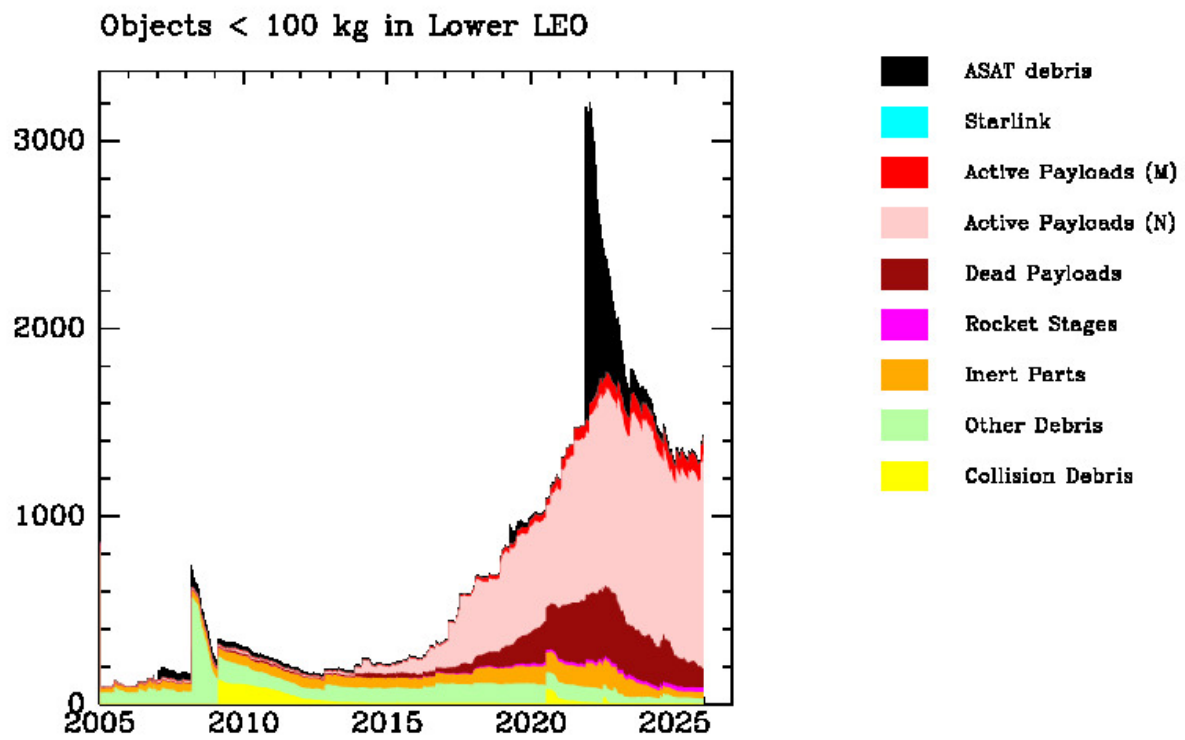


Figure 4: Time evolution of LEO debris and active satellite population (a): Small (<100 kg) objects in lower (< 600 km) LEO

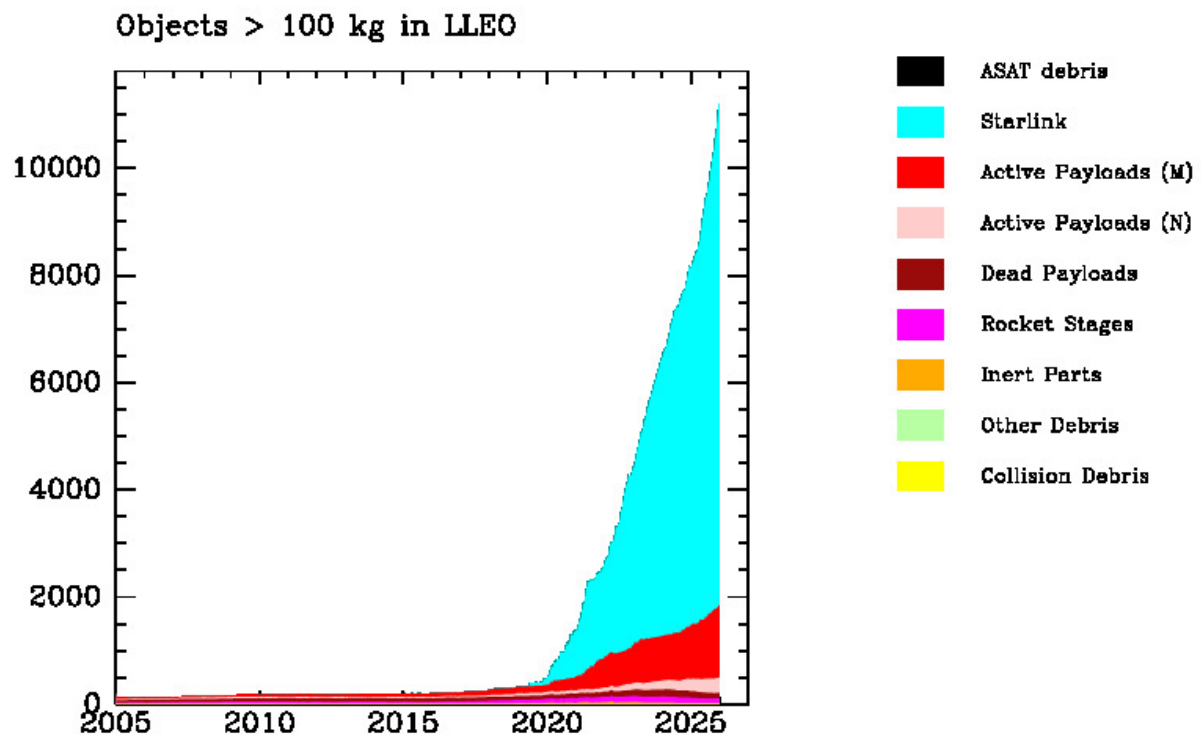


Figure 5: Time evolution of LEO debris and active satellite population (b): Big (>100 kg) objects in lower (< 600 km) LEO

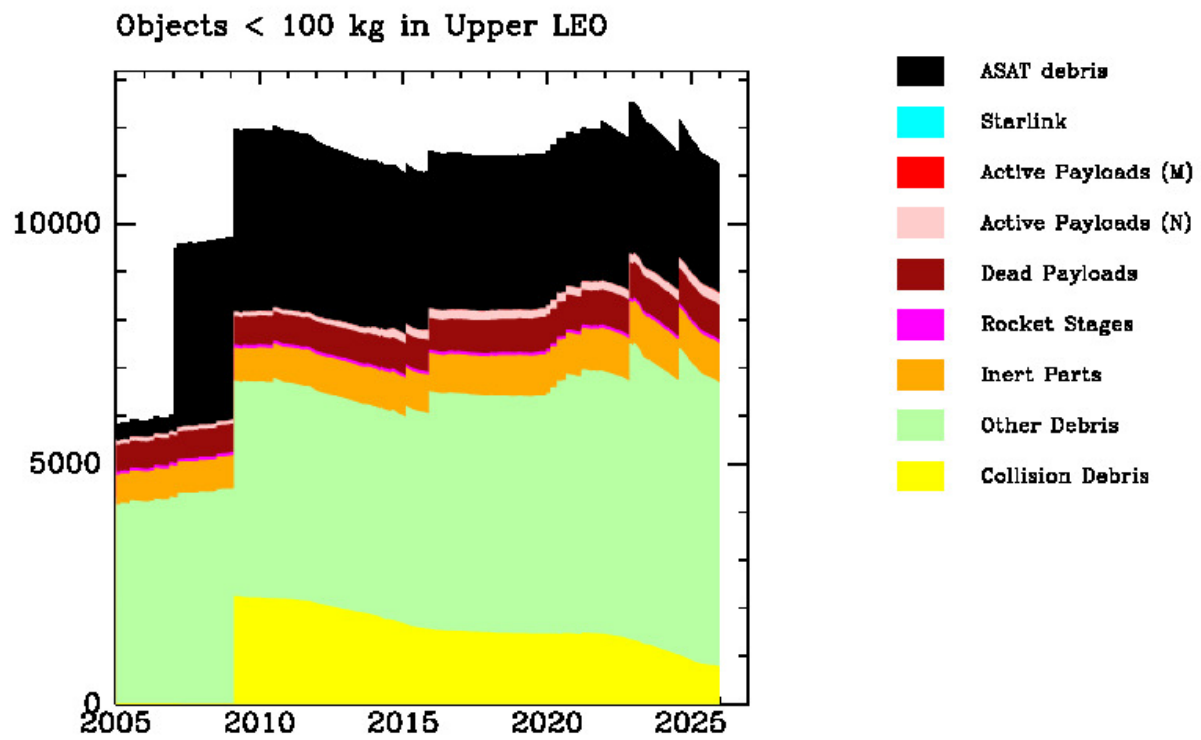


Figure 6: Time evolution of LEO debris and active satellite population (c): Small (<100 kg) objects in upper (> 600 km) LEO

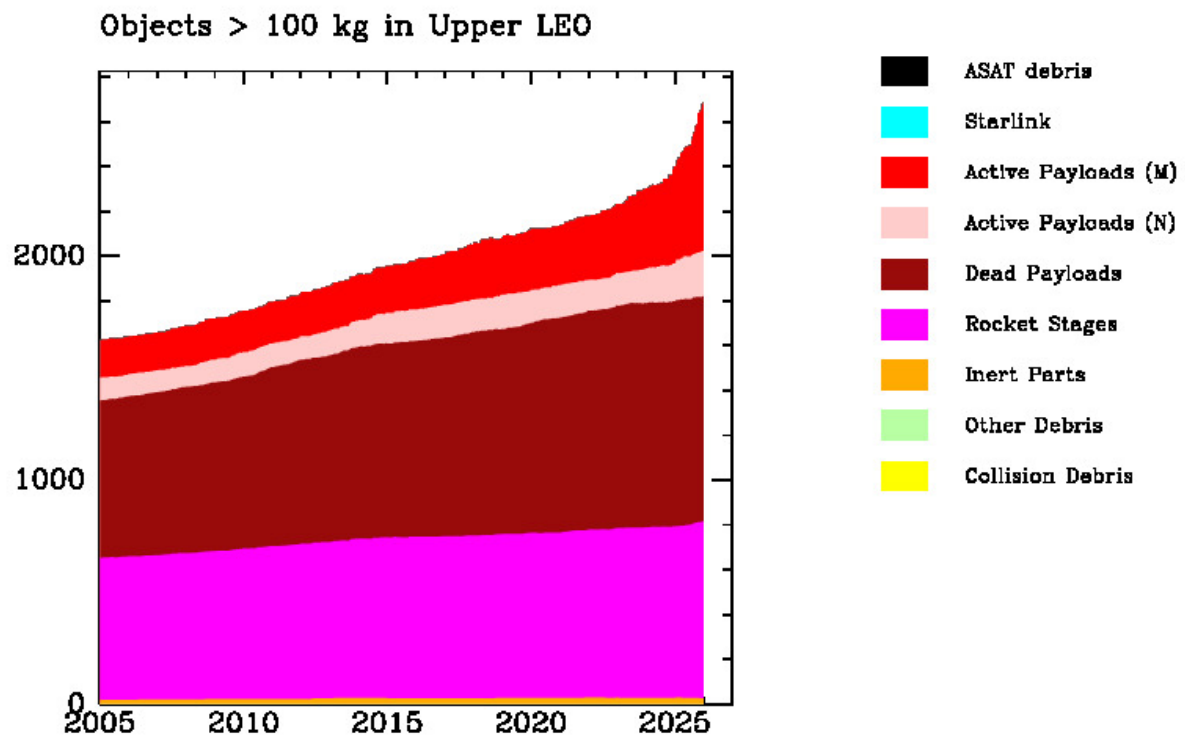


Figure 7: Time evolution of LEO debris and active satellite population (d): Big (>100 kg) objects in upper (> 600 km) LEO

6.1 Disposal of launch vehicle upper stages

For the 321 successful orbital launches I look at which launches went to which type of orbit, and whether rockets disposed of their upper stages in a controlled deorbit or whether they left one or more stages (and possibly associated debris) in orbit to decay naturally. Upper stages that achieve Earth escape are also counted as a controlled disposal.

The main orbit categories are SSO (Sun-synchronous low Earth orbit), ISS (International Space Station launches), LSS (Other low orbit space stations, currently only the Chinese one); Other LEO (Low Earth orbit except for SSO and ISS/LSS); GTO (Geotransfer orbit), Supersync transfer (geotransfer with initial apogee well above GEO); GEO direct (where launch vehicle upper stage deploys payload directly in geostationary orbit), 12-hour circular MEO orbits (as used by GPS), Molniya elliptical orbit, and deep space (beyond about 150,000 km and 'other high orbit').

I will note that some SSO/other LEO launches perform a perigee lowering disposal burn to ensure stage reentry within a few weeks. However, the reentry location is still uncontrolled in these cases. Cases where SSO/LEO perigee lowering is to below 180 km are noted with an asterisk in the table.

Table 14: Launches by orbit and launch-associated Earth orbit debris, 2025

Launch vehicle	Total launches	Launches with up- per stage disposal	Stages left in Earth orbit	Other LV debris
(a) SSO				
AESP Ariane 5/6	3	3	0	0
AESP Vega	3	3	0	0
CALT CZ-11	1	0	1 (1*)	0
CALT CZ-2C	1	0	1	0
CALT CZ-3	1	0	1	0
CASC CZ-2D	1	0	1	0
CASIC KZ-1A	1	0	1	0
CZSJ JL-3	1	0	1	0
DFK Yinli-1	1	0	1	0
ISRO PSLV/GSLV	1	0	1	0
KARIK KSLV2	1	0	1	0
KHRO Angara	1	1	0	0
LANDSP Zhuque-2E	1	0	1	0
LANDSP Zhuque-3	1	0	1	0
MHI H-II	1	0	1	0
MORF Soyuz	1	0	1	0
RLABLB Electron	6	0	12	0
ROSK Soyuz	3	2	1	0
SAST CZ-2D	4	1	3	0
SAST CZ-4	4	0	4	0
SAST CZ-6	8	6	2	0
SPX Falcon 9	16	16	0	0
XIDO Gushenxing-1	5	5	0	0
XJRY SQ-1	1	0	1	0
ZKYT ZK-1	5	0	5	0
Total SSO	72	37	41 (1*)	0
(b) ISS				
ROSK Soyuz	5	0	5	0
SPX Falcon 9	6	6	0	0
Total ISS	11	6	5	0

Table 14 (cont):				
Launch vehicle	Total launches	Launches with up- per stage disposal	Stages left in Earth orbit	Other LV debris
(c) LSS				
CALT CZ-2F	3	0	3	0
CALT CZ-7	1	0	1	0
Total LSS	4	0	4	0
(d) Other LEO				
CALT CZ-2C	2	1	1	0
CALT CZ-5	2	2	0	0
CALT CZ-8	6	0	6	0
CASIC KZ-11	1	1	0	0
CASIC KZ-1A	1	0	1	0
CZSJ JL-3	3	0	3	0
FFLY Alpha	1	0	1	0
ISA Shavit	1	0	1	0
JAXA H3	1	1	0	0
KHRO Angara	2	2	0	0
LM Atlas V	4	4	0	0
MORF Soyuz	2	1	1	0
NGIS Minotaur IV/V	1	0	1	0
NSIL GSLV3	1	0	1	0
RLALB Electron	12	0	24	0
SAST CZ-2D	2	1	1	0
SAST CZ-4	2	0	2	0
SAST CZ-6	3	0	3	0
SAST Chang Zheng 12	3	0	3 (3*)	0
SAST Chang Zheng 12A	1	0	1	0
SPX Falcon 9	132	132	0	0
SPX Starship	3	0	0	0
XIDO Gushenxing-1	1	1	0	0
Total Other LEO	187	146	50 (3*)	0
(e) GTO Transfer				
CALT CZ-3	13	0	13	0
CALT CZ-5	2	0	2	0
CALT CZ-7	5	0	5	0
CALT CZ-8	1	0	1	0
ISRO GSLV3	1	0	1	0
ISRO PSLV/GSLV	1	0	1	0
JAXA H3	2	0	2	0
LM Atlas V	1	0	1	0
SAST CZ-4	1	0	1	0
SPX Falcon 9	7	4	3	0
Total GTO Transfer	34	4	30	0

Table 14 (cont):				
Launch vehicle	Total launches	Launches with up- per stage disposal	Stages left in Earth orbit	Other LV debris
(f) SuperSync Transfer				
(g) GEO Direct				
KHRO Angara	1	0	1	1
LM Vulcan	1	0	1	0
Total GEO Direct	2	0	2	1
(h) MEO Transfer				
(i) 12-h MEO Direct				
AESP Ariane 5/6	1	0	1	0
BLOR New Glenn	1	0	1	0
CALT CZ-7	1	0	1	0
MORF Soyuz	1	0	1	0
ROSK Soyuz	1	0	1	0
SPX Falcon 9	1	0	1	0
Total 12-h MEO Direct	6	0	6	0
(j) Molniya				
(k) Deep Space				
BLOR New Glenn	1	0	1	0
CALT CZ-3	1	0	0	0
SPX Falcon 9	3	0	2	0
Total Deep Space	5	0	3	0
Total Overall	321	193	141 (4*)	1

6.2 Orbituaries

Table 15 gives statistics on reentries in 2025, not including deliberate deorbit and landing.
(Acknowledgements to Collin Krum for the revised section name).

Table 15: Uncontrolled Reentries 2025

	Number	Mass (t)
Active Payloads	738	170.4
Dead Payloads	369	103.3
Rocket Bodies	110	182.4
Operational debris	54	16.7
ASAT debris	109	-
Collision debris	134	-
Other fragment debris	366	0.7

In this table, ‘active payloads’ represents payloads which were thought to be active at the beginning of the year.

Controlled deorbits and landings

688 Starlink satellites reentered during 2025. The satellites orbits were lowered using thrusters but final reentry was uncontrolled.

There were no 20-tonne-class (CZ-5B) uncontrolled reentries in 2025; two CZ-5B missions with upper stages placed their core stages on suborbital trajectories to reenter in a controlled target zone. This year, Chinese rocket stages made up a smaller fraction of the largest uncontrolled reentries than previously.

In addition to uncontrolled reentries, there were 16 controlled landings and 7 controlled deorbitings of spacecraft during 2025.

The X-37B spaceplane landed at Vandenberg Space Force Base after a 434 day flight. Two Russian Soyuz ships landed in Kazakhstan, four Crew Dragon and one Cargo Dragon splashed down in the Gulf of Mexico and one Crew Dragon off Florida's Atlantic coast. Shenzhou 19 and 21 landed in the Dongfeng landing area near Jiuquan in Inner Mongolia. Russia's Bion-M No. 2 spacecraft landed near Orenburg, Russia. Two Starship flights made controlled water splashdowns in the Indian Ocean. Varda's W-2 and W-3 commercial microgravity missions landed in Koonibba, Australia.

Four ISS cargo ships (one Cygnus, three Progress) and one Tianzhou cargo ships were deorbited destructively, all over the southern Pacific Ocean. The Phoenix 1 capsule was deorbited over the southwest Atlantic with no recovery attempt during the Bandwagon 3 mission, and the JSC R5-S7 experiment was deorbited over the Pacific during the Transporter 15 mission.

Two Dragon trunks were discarded in orbit and had made uncontrolled reentries by the end of the year, with debris found in Algeria from one (the other reentered over the Indian Ocean). With a change of operational design, four further Dragon trunks were discarded after the Dragon deorbit burn for controlled disposal over the Pacific off the coast of California. Six further objects reentered and burned up on controlled trajectories associated with landings of spacecraft (Soyuz orbital and Soyuz/Shenzhou propulsion modules).

Table 16: Most massive uncontrolled reentries, 2025

COSPAR	Spacecraft	Date	Mass/kg	Location	Coords	Life (d)	Type
2023-137E	H-2A F47 Stage 2	2025 Jan 3 1240	4000.0	7E 12S		484.54	Reentry
2020-076E	CZ-2C Y43 Stage 2	2025 Jan 14 1028	3800.0	76W 9S		1540.80	Reentry
2023-193D	Zhuque-2 Y3 Stage 2	2025 Feb 2 1002	5000.0	32W 61N		421.43	Reentry
2013-055G	Falcon 9-006 Stage 2	2025 Feb 8 1946	4023.0	63E 4S		4150.16	Reentry
2014-087A	Resurs-P No. 2	2025 Feb 11 2232	5900.0	55E 77S		3700.15	Reentry
2025-022Y	Falcon 9-435 Stage 2	2025 Feb 19 0343	3000.0	5W 52N		17.20	Reentry
2017-075D	CZ-2C Y33 Stage 2	2025 Apr 10 2212	3800.0	57E 31S		2694.17	Reentry
2024-214B	Falcon 9-402 Stage 2	2025 Apr 14 0140	4000.0	154W 22S		146.30	Reentry
2025-082D	CZ-2F Y20 Stage 2	2025 May 3 0128	5500.0	105W 23S		8.67	Reentry
2014-046B	Falcon 9-011 Stage 2	2025 May 14 2126	4000.0	43W 16S		3935.56	Reentry
2020-048B	Falcon 9-092 Stage 2	2025 May 19 1427	4000.0	16W 1S		1763.71	Reentry
2024-075B	CZ-2D Y103 Stage 2	2025 May 22 2205	4006.0	149W 10S		396.93	Reentry
2024-252E	Falcon 9-414 Stage 2	2025 May 27 0424?	3000.0	28W 3N?		148.97	Reentry
2025-103G	Zhuque-2E Y2 Stage 2	2025 Jun 5 1708	5000.0	73E 37N		19.54	Reentry
2017-082C	H-2A F37 Stage 2	2025 Jun 5 1931	4000.0	13W 9N		2721.75	Reentry
2011-050B	H-2A F19 Stage 2	2025 Jul 11 1321	4000.0	159W 52N		5040.36	Reentry
2019-045D	CZ-2C Y37 Stage 2	2025 Jul 24 1005?	3800.0	70W 23S?		2190.26	Reentry
2025-149B	CZ-7 Y10 Stage 2	2025 Jul 29 0351	6000.0	101E 11S		14.26	Reentry
2020-102C	Xinjishu Yanzheng 7	2025 Oct 16 0157	3000.0	16W 28N?		1758.89	Reentry
2025-246B	CZ-2F Y21 Stage 2	2025 Nov 12 0325	5500.0	86E 7S		11.49	Reentry
2025-272B	CZ-2F Y22 Stage 2	2025 Dec 7 1621	5500.0	160W 37N		12.51	Reentry
2025-308C	CZ-12A Y1 Stage 2	2025 Dec 28 2126	7000.0	29W 37S		5.81	Reentry

Table 17: Landings and deorbits, 2025

COSPAR	Spacecraft	Date	Mass/kg	Location	Coords	Life (d)	Type
2025-009	W-2 Reentry Vehicle	2025 Feb 27 1432	120.0	Koonibba		43.81	Landing
2023-210A	X-37B OTV-7	2025 Mar 7 0722	5000.0	VSFB RW30/12		434.26	Landing
2024-178A	Dragon Freedom (Crew-9)	2025 Mar 18 2157:07	9500.0	84.03W 29.29N		171.19	Landing
2025-066A	Dragon Resilience (Fram-2)	2025 Apr 4 1619:28	9500.0	117.7W 33.0N		3.61	Landing
2024-162A	Soyuz MS-26	2025 Apr 20 0120:35	2900.0	69 33E 47 19N		220.37	Landing
2025-081R	Phoenix 1	2025 Apr 22 0258?	250.0	29W 37S?		0.09	Landing
2024-194A	Shenzhou 19	2025 Apr 30 0508:13	3258.0	100E 41N?		182.36	Landing
2025-052	W-3 Reentry Vehicle	2025 May 14 0207	120.0	Koonibba		59.81	Landing
2025-080A	Dragon CRS-32	2025 May 25 0544	9143.0	117.7W 33.0N		33.89	Landing
2025-136A	Axiom Ax-4	2025 Jul 15 0931:36	9500.0	117.7W 32.6N		20.12	Landing
2025-049A	Dragon Endurance (Crew-10)	2025 Aug 9 1533:40	9500.0	117.7W 32.5N		147.69	Landing
2025-U03	Starship FT-10	2025 Aug 27 0036:38	120000.0	106.93E 19.16S		0.05	Landing
2025-181A	Bion-M No. 2	2025 Sep 19 0700?	2400.0	54.2E 53.0N		29.57	Landing
2025-U04	Starship FT-11	2025 Oct 14 0029:57	120000.0	106.92E 19.16S		0.05	Landing
2025-246A	Shenzhou 21	2025 Nov 14 0840:31	3258.0	100E 41N?		13.71	Landing
2025-072A	Soyuz MS-27	2025 Dec 9 0503:33	2900.0	47 22N 69 43E		244.97	Landing
2024-145A	Progress MS-28	2025 Feb 26 0006?	4325.0	150W 44S?		194.87	Deorbit
2024-139A	S.S. Francis R. Scobee	2025 Mar 30 1015?	7238.0	180W 0N?		237.80	Deorbit
2025-052Q	Pioneer-03	2025 May 14 0149?	55.0	134W 36S?		59.80	Deorbit
2024-215A	Progress MS-29	2025 Jul 1 2230?	4325.0	155W 43S?		222.42	Deorbit
2024-211A	Tianzhou-8	2025 Jul 8 2246	6000.0	172W 22S?		235.31	Deorbit
2025-041B	Progress MS-30	2025 Sep 9 1939?	4325.0	156W 48S?		193.93	Deorbit
2025-276DV	R5-S7	2025 Nov 29 2200?	10.0	173W 5N?		1.14	Deorbit

For rocket upper stages deorbited soon after launch, the target impact zones are often many degrees in length along the orbit track, so the locations given below in Table 18 should not be taken too seriously.

Table 18: Vehicles deorbited soon after launch, 2025

COSPAR	Spacecraft	Date	Mass/kg	Location	Coords	Life (d)	Type
2025-003	Falcon 9-421 Stage 2	2025 Jan 6 2301?	3000.0	57E 34S?		0.10	Deorbit
2025-004	Falcon 9-422 Stage 2	2025 Jan 8 1742?	3000.0	48E 37S?		0.09	Deorbit
2025-005	Falcon 9-423 Stage 2	2025 Jan 10 0548?	3000.0	118W 43S?		0.08	Deorbit
2025-006	Falcon 9-424 Stage 2	2025 Jan 10 2133?	3000.0	52E 35S?		0.10	Deorbit
2025-008	Falcon 9-425 Stage 2	2025 Jan 13 1904?	3000.0	53E 35S?		0.10	Deorbit
2025-009	Falcon 9-426 Stage 2	2025 Jan 14 2221?	3500.0	165W 42N?		0.13	Deorbit
2025-013F	Gushenxing-1 Y16 Stage 4	2025 Jan 20 1100?	150.0	88W 50S?		0.03	Deorbit
2025-014	Falcon 9-430 Stage 2	2025 Jan 21 0742?	3000.0	53E 35S?		0.10	Deorbit
2025-015	Falcon 9-429 Stage 2	2025 Jan 21 1738?	3000.0	105W 17S?		0.08	Deorbit
2025-018	Falcon 9-431 Stage 2	2025 Jan 24 1556?	3000.0	110W 10S?		0.08	Deorbit
2025-019	Falcon 9-433 Stage 2	2025 Jan 28 0022?	3000.0	53E 35S?		0.10	Deorbit
2025-024	Falcon 9-437 Stage 2	2025 Feb 4 1231?	3000.0	52E 36S?		0.09	Deorbit
2025-025	Falcon 9-436 Stage 2	2025 Feb 5 0148?	3000.0	92E 42S?		0.11	Deorbit
2025-026D	Volga 14S46 No. 9?	2025 Feb 5 1450?	1120.0	150W 55S?		0.45	Deorbit
2025-027	Falcon 9-438 Stage 2	2025 Feb 8 2135?	3000.0	53E 35S?		0.09	Deorbit
2025-029	Falcon 9-439 Stage 2	2025 Feb 11 0400?	3000.0	106W 15S?		0.08	Deorbit
2025-031	Falcon 9-440 Stage 2	2025 Feb 11 2109?	3000.0	53E 36S?		0.09	Deorbit
2025-032	Falcon 9-441 Stage 2	2025 Feb 15 0831?	3000.0	54E 35S?		0.10	Deorbit
2025-034	Falcon 9-432 Stage 2	2025 Feb 19 0138?	3000.0	55E 38S?		0.09	Deorbit
2025-035	Falcon 9-445 Stage 2	2025 Feb 21 1735?	3000.0	55E 34S?		0.09	Deorbit
2025-037	Falcon 9-443 Stage 2	2025 Feb 23 0335?	3000.0	112W 45S?		0.08	Deorbit
2025-039	Falcon 9-446 Stage 2	2025 Feb 27 0552?	3000.0	58E 34S?		0.10	Deorbit
2025-043	Falcon 9-447 Stage 2	2025 Mar 3 0441?	3000.0	56E 34S?		0.10	Deorbit
2025-044	Ariane 6002 ULPM	2025 Mar 6 1910?	6000.0	90E 33S?		0.12	Deorbit
2025-047	Falcon 9-xxx Stage 2 (F445)	2025 Mar 12 0510?	4000.0	172W 32S?		0.08	Deorbit
2025-048	Falcon 9-xxx Stage 2 (F446)	2025 Mar 13 0453?	3000.0	55E 34S?		0.10	Deorbit
2025-049	Falcon 9-xxx Stage 2 (F447)	2025 Mar 15 0017?	3000.0	157W 36S		0.05	Deorbit
2025-051	CZ-2D Y100 Stage 2	2025 Mar 15 0503?	4006.0	91W 44S?		0.04	Deorbit
2025-052	Falcon 9-xxx Stage 2 (F448)	2025 Mar 15 0952?	3500.0	166W 42N		0.13	Deorbit
2025-053	Falcon 9-xxx Stage 2 (F449)	2025 Mar 15 1352?	3000.0	55E 34S?		0.10	Deorbit
2025-054	Angara AM No. 4L	2025 Mar 16 1222?	400.0	2E 7S?		0.06	Deorbit
2025-055J	Gushenxing-1 Y10 Stage 4	2025 Mar 17 0901?	150.0	118W 50S?		0.04	Deorbit
2025-057	Falcon 9-xxx Stage 2 (F450)	2025 Mar 18 2215?	3000.0	56E 34S?		0.10	Deorbit
2025-058	Falcon 9-xxx Stage 2	2025 Mar 21 0846?	3000.0	112W 45S?		0.08	Deorbit
2025-059G	Gushenxing-1 Y17 Stage 4	2025 Mar 21 1201?	150.0	118W 50S?		0.04	Deorbit
2025-060	Falcon 9-xxx Stage 2	2025 Mar 24 2039?	3000.0	70E 36S?		0.12	Deorbit
2025-063	Falcon 9-xxx Stage 2	2025 Mar 27 0001?	3000.0	111W 9S?		0.08	Deorbit
2025-065	Falcon 9-xxx Stage 2	2025 Mar 31 2208?	3000.0	50E 37S?		0.09	Deorbit
2025-066	Falcon 9-xxx Stage 2 (F455)	2025 Apr 1 0241?	3000.0	89E 12S?		0.04	Deorbit
2025-067	CZ-2D Y78 Stage 2	2025 Apr 1 0503?	4006.0	91W 44S?		0.04	Deorbit
2025-068	CZ-6 Y14 Stage 3	2025 Apr 3 0300?	1000.0	87W 40S?		0.03	Deorbit
2025-069	Falcon 9-xxx Stage 2	2025 Apr 4 0252?	3000.0	110W 10S?		0.08	Deorbit
2025-070	Falcon 9-xxx Stage 2	2025 Apr 6 0523?	3000.0	50E 37S?		0.09	Deorbit
2025-071	Falcon 9-xxx Stage 2	2025 Apr 8 0056?	3000.0	110W 10S?		0.08	Deorbit
2025-074	Falcon 9-xxx Stage 2	2025 Apr 12 1422?	3000.0	112W 45S?		0.08	Deorbit
2025-075	Falcon 9-xxx Stage 2	2025 Apr 13 0310?	3000.0	53E 35S?		0.09	Deorbit
2025-076	Falcon 9-xxx Stage 2	2025 Apr 14 0617?	3000.0	55E 34S?		0.10	Deorbit
2025-079	Falcon 9-xxx Stage 2	2025 Apr 20 1419?	3000.0	123W 25S?		0.08	Deorbit
2025-080	Falcon 9-xxx Stage 2	2025 Apr 21 0929?	3000.0	156W 35S?		0.05	Deorbit

Table 18: Vehicles deorbited soon after launch, 2025 (cont)

COSPAR	Spacecraft	Date	Mass/kg	Location	Coords	Life (d)	Type
2025-081	Falcon 9-xxx Stage 2	2025 Apr 22 0258?	3500.0	29W 37S?		0.09	Deorbit
2025-083	Falcon 9-xxx Stage 2	2025 Apr 25 0408?	3000.0	51E 36S?		0.09	Deorbit
2025-085	Falcon 9-xxx Stage 2	2025 Apr 28 0426?	3000.0	52E 36S?		0.09	Deorbit
2025-086L	Yuanzheng-2 Y3	2025 Apr 28 2214?	2000.0	84E 50S?		0.09	Deorbit
2025-087	Falcon 9-xxx Stage 2	2025 Apr 28 2232?	3000.0	108W 13S?		0.08	Deorbit
2025-088	Centaur AV-107	2025 Apr 29 0032?	4020.0	125W 3N?		0.06	Deorbit
2025-089	Falcon 9-xxx Stage 2	2025 Apr 29 0450?	3000.0	53E 36S?		0.09	Deorbit
2025-090B	Vega AVUM VV26	2025 Apr 29 1101?	660.0	90E 21S?		0.07	Deorbit
2025-091	Falcon 9-xxx Stage 2	2025 May 2 0408?	3000.0	56E 34S?		0.10	Deorbit
2025-092	Falcon 9-xxx Stage 2	2025 May 4 1112?	3000.0	56E 34S?		0.10	Deorbit
2025-093	Falcon 9-xxx Stage 2	2025 May 7 0334?	3000.0	55E 34S?		0.09	Deorbit
2025-094	Falcon 9-xxx Stage 2	2025 May 10 0216?	3000.0	112W 45S?		0.08	Deorbit
2025-095	Falcon 9-xxx Stage 2	2025 May 10 0844?	3000.0	57E 34S?		0.09	Deorbit
2025-098	Falcon 9-xxx Stage 2	2025 May 13 0311?	3000.0	112W 44S?		0.08	Deorbit
2025-099	Falcon 9-xxx Stage 2	2025 May 13 0719?	3000.0	55E 34S?		0.09	Deorbit
2025-100	CZ-2D Y107 Stage 2	2025 May 14 0502?	4006.0	89W 50S?		0.03	Deorbit
2025-101	Falcon 9-xxx Stage 2	2025 May 14 1855?	3000.0	54E 35S?		0.09	Deorbit
2025-102	Falcon 9-xxx Stage 2	2025 May 16 1540?	3000.0	112W 45S?		0.08	Deorbit
2025-105E	Gushenxing-1S Y5 Stage 4	2025 May 19 0827?	150.0	100W 44S?		0.03	Deorbit
2025-107	Falcon 9-xxx Stage 2	2025 May 21 0536?	3000.0	55E 35S?		0.10	Deorbit
2025-109	Fregat No. 111-602	2025 May 23 1230?	1000.0	144E 52S?		0.16	Deorbit
2025-110	Falcon 9-xxx Stage 2	2025 May 24 0158?	3000.0	112W 35S?		0.14	Deorbit
2025-111	Falcon 9-xxx Stage 2	2025 May 24 1936?	3000.0	56E 34S?		0.10	Deorbit
2025-112	Falcon 9-xxx Stage 2	2025 May 27 1852?	3000.0	160W 43S?		0.08	Deorbit
2025-U02	Starship FT-9	2025 May 28 0023:43?	125600.0	61E 27S?		0.03	Deorbit
2025-113	Falcon 9-xxx Stage 2	2025 May 28 1602?	3000.0	125E 53S?		0.11	Deorbit
2025-116	Falcon 9-xxx Stage 2	2025 May 30 2355?	3000.0	30E 50S?		0.26	Deorbit
2025-117	Falcon 9-xxx Stage 2	2025 May 31 2200?	3000.0	110W 10S?		0.08	Deorbit
2025-119	Falcon 9-xxx Stage 2	2025 Jun 3 0701?	3000.0	55E 35S?		0.10	Deorbit
2025-120	Falcon 9-xxx Stage 2	2025 Jun 5 0130?	3000.0	108W 14S?		0.08	Deorbit
2025-122	Falcon 9-xxx Stage 2	2025 Jun 7 1120?	4000.0	104W 9N?		0.27	Deorbit
2025-123	Falcon 9-xxx Stage 2	2025 Jun 8 1616?	3000.0	112W 44S?		0.08	Deorbit
2025-124	Falcon 9-xxx Stage 2	2025 Jun 10 1522?	3000.0	56E 34S?		0.09	Deorbit
2025-126	Falcon 9-xxx Stage 2	2025 Jun 13 0351?	3000.0	112W 45S?		0.08	Deorbit
2025-127	Falcon 9-xxx Stage 2	2025 Jun 13 1746?	3000.0	56E 34S?		0.10	Deorbit
2025-128	CZ-2D Y42 Stage 2	2025 Jun 14 0838?	4006.0	89W 50S?		0.03	Deorbit
2025-129	Falcon 9-xxx Stage 2	2025 Jun 17 0533?	3000.0	112W 45S?		0.08	Deorbit
2025-130	Falcon 9-xxx Stage 2	2025 Jun 18 0825?	3000.0	110E 52S?		0.10	Deorbit
2025-133	Falcon 9-xxx Stage 2	2025 Jun 23 0827?	3000.0	100E 50S?		0.10	Deorbit
2025-134	Centaur AV-105	2025 Jun 23 1225?	4020.0	126W 2N?		0.06	Deorbit
2025-135	Falcon 9-xxx Stage 2	2025 Jun 24 0038?	3500.0	167W 36N?		0.13	Deorbit
2025-135	Mission Possible	2025 Jun 24 0038?	1600.0	167W 36N?		0.13	Deorbit
2025-136	Falcon 9-xxx Stage 2	2025 Jun 25 0745?	3000.0	157W 35S?		0.05	Deorbit
2025-137	Falcon 9-xxx Stage 2	2025 Jun 25 2225?	3000.0	114E 52S?		0.10	Deorbit
2025-139	Falcon 9-xxx Stage 2	2025 Jun 28 0658?	3000.0	119E 53S?		0.11	Deorbit
2025-142	Falcon 9-xxx Stage 2	2025 Jun 28 1909?	3000.0	112W 45S?		0.08	Deorbit
2025-144	Falcon 9-xxx Stage 2	2025 Jul 2 0858?	3000.0	111E 52S?		0.10	Deorbit
2025-143	Falcon 9-xxx Stage 2	2025 Jul 2 1644?	4000.0	63E 5N?		0.82	Deorbit
2025-147	Falcon 9-xxx Stage 2	2025 Jul 8 1051?	3000.0	110E 52S		0.10	Deorbit
2025-148B	Falcon 9-xxx Stage 2	2025 Jul 14 0005?	4000.0	60E 4N?		0.79	Deorbit

Table 18: Vehicles deorbited soon after launch, 2025 (cont)

COSPAR	Spacecraft	Date	Mass/kg	Location	Coords	Life (d)	Type
2025-150	Falcon 9-xxx Stage 2	2025 Jul 16 0402?	3000.0	111W 46S		0.08	Deorbit
2025-151	Falcon 9-xxx Stage 2	2025 Jul 16 0823?	3000.0	30W 51N?		0.08	Deorbit
2025-152	Falcon 9-xxx Stage 2	2025 Jul 19 0654?	3000.0	160W 45S?		0.13	Deorbit
2025-154	Falcon 9-xxx Stage 2	2025 Jul 23 2037?	3250.0	27E 43S?		0.10	Deorbit
2025-155BH	Fregat No. 142-05	2025 Jul 25 0617?	1000.0	145W 3N?		0.02	Deorbit
2025-156	Vega AVUM VV27	2025 Jul 26 0432?	660.0	91E 12S?		0.10	Deorbit
2025-157	Falcon 9-xxx Stage 2	2025 Jul 26 1132?	3000.0	114E 52S?		0.10	Deorbit
2025-158	Falcon 9-xxx Stage 2	2025 Jul 27 0626?	3000.0	160W 44S?		0.08	Deorbit
2025-161	Falcon 9-xxx Stage 2	2025 Jul 30 0608?	3000.0	112E 52S?		0.10	Deorbit
2025-164B	KZ-1A Yxx Stage 4	2025 Jul 31 0253?	50.0	82W 22S?		0.04	Deorbit
2025-165	Falcon 9-xxx Stage 2	2025 Jul 31 2030?	3000.0	160W 44S?		0.08	Deorbit
2025-166	Falcon 9-xxx Stage 2	2025 Aug 1 1700?	3000.0	148W 27S?		0.05	Deorbit
2025-167	Falcon 9-xxx Stage 2	2025 Aug 4 1028?	3000.0	113E 53S?		0.10	Deorbit
2025-171	Falcon 9-xxx Stage 2	2025 Aug 11 1649?	3000.0	113E 52S?		0.18	Deorbit
2025-172	Ariane 6003 ULPM	2025 Aug 13 0310?	6000.0	90E 26S?		0.11	Deorbit
2025-174L	Yuanzheng-2 Y4	2025 Aug 13 0835?	2000.0	85W 10S?		0.08	Deorbit
2025-175	Falcon 9-xxx Stage 2	2025 Aug 14 0700?	3000.0	160W 44S?		0.08	Deorbit
2025-176	Falcon 9-xxx Stage 2	2025 Aug 14 1500?	3000.0	112E 52S?		0.10	Deorbit
2025-179	Falcon 9-xxx Stage 2	2025 Aug 18 1821?	3000.0	160W 44S?		0.08	Deorbit
2025-182	Angara AM No. 5L?	2025 Aug 21 1058?	400.0	172W 35N?		0.06	Deorbit
2025-183B	Falcon 9-xxx Stage 2	2025 Aug 22 0518?	4000.0	128W 1N?		0.06	Deorbit
2025-184	Falcon 9-xxx Stage 2	2025 Aug 22 1859?	3000.0	160W 44S?		0.08	Deorbit
2025-186	Falcon 9-xxx Stage 2	2025 Aug 24 0800?	3000.0	156W 34S?		0.05	Deorbit
2025-188	Falcon 9-xxx Stage 2	2025 Aug 26 2056?	3500.0	163W 44S?		0.08	Deorbit
2025-189	Falcon 9-xxx Stage 2	2025 Aug 27 1341?	3000.0	110E 52S?		0.10	Deorbit
2025-190	Falcon 9-xxx Stage 2	2025 Aug 28 1042?	3000.0	111E 52S?		0.10	Deorbit
2025-191	Falcon 9-xxx Stage 2	2025 Aug 30 0654?	3000.0	160W 44S?		0.08	Deorbit
2025-192	Falcon 9-xxx Stage 2	2025 Aug 31 1419?	3000.0	111E 52S?		0.10	Deorbit
2025-194	Falcon 9-xxx Stage 2	2025 Sep 3 0546?	3000.0	160W 44S?		0.08	Deorbit
2025-195	Falcon 9-xxx Stage 2	2025 Sep 3 1426?	3000.0	112E 52S?		0.10	Deorbit
2025-198	Falcon 9-xxx Stage 2	2025 Sep 5 1501?	3000.0	112E 52S?		0.10	Deorbit
2025-200	Falcon 9-xxx Stage 2	2025 Sep 6 2001?	3000.0	160W 44S?		0.08	Deorbit
2025-203	Falcon 9-xxx Stage 2	2025 Sep 10 1650?	3000.0	20E 48S?		0.11	Deorbit
2025-205B	Falcon 9-xxx Stage 2	2025 Sep 12 0530?	3000.0	94W 10S		0.15	Deorbit
2025-207	Falcon 9-xxx Stage 2	2025 Sep 13 1950?	3000.0	160W 44S?		0.08	Deorbit
2025-208B	Falcon 9-xxx Stage 2	2025 Sep 14 2324?	3000.0	165W 41S?		0.05	Deorbit
2025-210	Falcon 9-xxx Stage 2	2025 Sep 18 1200?	3000.0	110E 52S?		0.10	Deorbit
2025-211	Falcon 9-xxx Stage 2	2025 Sep 19 1826?	3000.0	160W 44S?		0.08	Deorbit
2025-212	Falcon 9-xxx Stage 2	2025 Sep 21 1323?	3000.0	112E 52S?		0.10	Deorbit
2025-213	Falcon 9-xxx Stage 2	2025 Sep 22 1934?	3000.0	115W 41S?		0.08	Deorbit
2025-214N	Jielong-3 Y8 Stage 4	2025 Sep 24 0850?	500.0	59.1W 27.4S		0.04	Deorbit
2025-216	Falcon 9-xxx Stage 2	2025 Sep 25 1109?	3000.0	111E 52S?		0.10	Deorbit
2025-217	Centaur AV-108	2025 Sep 25 1340?	4020.0	126W 2N?		0.06	Deorbit
2025-218	Falcon 9-xxx Stage 2	2025 Sep 26 0621?	3000.0	161W 44S?		0.08	Deorbit
2025-221	Falcon 9-xxx Stage 2	2025 Sep 29 0355?	3000.0	108W 14S?		0.08	Deorbit
2025-223	Falcon 9-xxx Stage 2	2025 Oct 3 1557?	3000.0	107W 14S?		0.08	Deorbit
2025-224	Falcon 9-xxx Stage 2	2025 Oct 7 0916?	3000.0	110E 52S?		0.10	Deorbit
2025-225	Falcon 9-xxx Stage 2	2025 Oct 8 0544?	3000.0	107W 14S?		0.08	Deorbit
2025-228	Falcon 9-xxx Stage 2	2025 Oct 14 0431?	3000.0	99E 49S?		0.11	Deorbit
2025-230	Falcon 9-xxx Stage 2	2025 Oct 16 0140?	3000.0	19E 50S?		0.11	Deorbit

Table 18: Vehicles deorbited soon after launch, 2025 (cont)

COSPAR	Spacecraft	Date	Mass/kg	Location	Coords	Life (d)	Type
2025-232	Falcon 9-xxx Stage 2	2025 Oct 16 1157?	3000.0	109E 52S?		0.10	Deorbit
2025-235	Falcon 9-xxx Stage 2	2025 Oct 19 2010?	3000.0	114E 52S?		0.10	Deorbit
2025-236	Falcon 9-xxx Stage 2	2025 Oct 19 2114?	3000.0	106W 15S?		0.08	Deorbit
2025-237	Falcon 9-xxx Stage 2	2025 Oct 22 1606?	3000.0	106W 15S?		0.08	Deorbit
2025-239B	Falcon 9-xxx Stage 2	2025 Oct 24 2119?	4000.0	60E 7N		0.83	Deorbit
2025-240	Falcon 9-xxx Stage 2	2025 Oct 25 1611?	3000.0	106W 15S?		0.08	Deorbit
2025-241B	H3 F7 Stage 2	2025 Oct 26 0205?	2500.0	130W 52S?		0.09	Deorbit
2025-243	Falcon 9-xxx Stage 2	2025 Oct 26 1731?	3000.0	113E 52S?		0.10	Deorbit
2025-244	Falcon 9-xxx Stage 2	2025 Oct 28 0234?	3000.0	106W 15S?		0.08	Deorbit
2025-245	Falcon 9-xxx Stage 2	2025 Oct 29 1905?	3000.0	110E 52S?		0.10	Deorbit
2025-247	Falcon 9-xxx Stage 2	2025 Oct 31 2231?	3000.0	107W 15S?		0.08	Deorbit
2025-248	Falcon 9-xxx Stage 2	2025 Nov 2 0732?	3500.0	32E 44S?		0.10	Deorbit
2025-251	Ariane 6005 ULPM	2025 Nov 4 2347?	6000.0	90E 30S?		0.11	Deorbit
2025-253	Falcon 9-xxx Stage 2	2025 Nov 6 0345?	3000.0	45E 38S?		0.09	Deorbit
2025-254	Falcon 9-xxx Stage 2	2025 Nov 6 2304?	3000.0	108W 13S?		0.08	Deorbit
2025-257	Falcon 9-xxx Stage 2	2025 Nov 9 1040?	3000.0	110E 52S?		0.10	Deorbit
2025-259	Falcon 9-xxx Stage 2	2025 Nov 11 0536?	3000.0	44E 39S?		0.09	Deorbit
2025-262	Falcon 9-xxx Stage 2	2025 Nov 15 0522?	3000.0	45E 39S?		0.09	Deorbit
2025-263	Falcon 9-xxx Stage 2	2025 Nov 15 0858?	3000.0	44E 39S?		0.09	Deorbit
2025-264	Falcon 9-xxx Stage 2	2025 Nov 17 0720?	3000.0	136W 12N?		0.08	Deorbit
2025-265	Falcon 9-xxx Stage 2	2025 Nov 19 0052?	3000.0	45E 43S?		0.03	Deorbit
2025-268	Falcon 9-xxx Stage 2	2025 Nov 21 0555?	3000.0	51E 36S?		0.09	Deorbit
2025-270	Falcon 9-xxx Stage 2	2025 Nov 22 1008?	3000.0	46E 38S?		0.09	Deorbit
2025-271	Falcon 9-xxx Stage 2	2025 Nov 23 1038?	3000.0	106W 15S?		0.08	Deorbit
2025-273	Angara AM No. xL?	2025 Nov 25 1435?	400.0	2E 7S?		0.04	Deorbit
2025-276	Falcon 9-xxx Stage 2	2025 Nov 28 2200?	3500.0	173W 5N?		0.14	Deorbit
2025-278	Falcon 9-xxx Stage 2	2025 Dec 1 1000?	3000.0	53E 36S?		0.09	Deorbit
2025-279B	Vega AVUM VV28	2025 Dec 1 1950?	660.0	90E 19S?		0.10	Deorbit
2025-280	Falcon 9-xxx Stage 2	2025 Dec 2 0723?	3000.0	115W 41S?		0.08	Deorbit
2025-281	Falcon 9-xxx Stage 2	2025 Dec 3 0036?	3000.0	56E 34S?		0.10	Deorbit
2025-283	Falcon 9-xxx Stage 2	2025 Dec 4 2233?	3000.0	106W 16S?		0.08	Deorbit
2025-284	KZ-1A Yxx Stage 4	2025 Dec 5 0948?	50.0	94W 51S?		0.03	Deorbit
2025-286	Falcon 9-xxx Stage 2	2025 Dec 7 1949?	3000.0	107W 15S?		0.08	Deorbit
2025-288	Falcon 9-xxx Stage 2	2025 Dec 9 0042?	3000.0	53E 35S?		0.09	Deorbit
2025-291	Falcon 9-xxx Stage 2	2025 Dec 9 2055?	3000.0	118W 4N?		0.07	Deorbit
2025-293	Falcon 9-xxx Stage 2	2025 Dec 10 1336?	3000.0	112W 44S?		0.08	Deorbit
2025-294	Falcon 9-xxx Stage 2	2025 Dec 12 0015?	3000.0	44E 39S?		0.09	Deorbit
2025-298	Falcon 9-xxx Stage 2	2025 Dec 14 0745?	3000.0	112W 45S?		0.08	Deorbit
2025-299	Falcon 9-xxx Stage 2	2025 Dec 15 0739?	3000.0	44E 39S?		0.09	Deorbit
2025-301	Centaur AV-111	2025 Dec 16 0957?	4020.0	127W 0N?		0.06	Deorbit
2025-303	Falcon 9-xxx Stage 2	2025 Dec 17 1558?	3000.0	52E 36S?		0.09	Deorbit
2025-304	Falcon 9-xxx Stage 2	2025 Dec 17 1724?	3000.0	111W 46S?		0.08	Deorbit

Table 19: Vehicles deorbited soon after separation, 2025

COSPAR	Spacecraft	Date	Mass/kg	Location	Coords	Sep Life (d)	Type
2025-066B	Dragon Trunk	2025 Apr 4 1606?	2300.0	118W 17N?		0.02	Deorbit
2024-194	Shenzhou 19 Tuijin Cang	2025 Apr 30 0447?	2000.0	76E 35N?		0.00	Deorbit
2025-080	Dragon Trunk	2025 May 25 0515?	2300.0	130W 42N?		0.00	Deorbit
2025-136B	Dragon Trunk	2025 Jul 15 0918?	2300.0	129W 41N?		0.01	Deorbit
2025-049B	Dragon Trunk	2025 Aug 9 1520?	2300.0	129W 24N?		0.02	Deorbit
2025-246	Shenzhou 21 Tuijin Cang	2025 Nov 14 0818?	2000.0	76E 35N?		0.00	Deorbit
2025-072	Soyuz MS-27 BO	2025 Dec 9 0442?	1300.0	45E 35N?		0.00	Deorbit
2025-072	Soyuz MS-27 PAO	2025 Dec 9 0442?	2125.0	45E 35N?		0.00	Deorbit

6.3 New sun-synchronous satellites in 2025

Table 20 lists satellites launched to sun-synchronous orbit in 2025, ordered by the local time of their orbit's descending node (LTDN, format hhmm or hhmm:ss).

Table 20: SSO satellites launched in 2025, ordered by local time of descending node

No	Piece	Name	Operator	Mission	Orbit	LTDN
1	2025-274F	CAS500-3	KAIST	TECH	591 x 595 x 97.7	00:48:08
2	2025-274A	Bicheon	Space LinTech	TECH	582 x 601 x 97.7	00:48:23
3	2025-274B	E3 TESTER KARI-1	KARI	TECH	581 x 600 x 97.7	00:48:25
4	2025-274D	Sejong-4	Hancom InSpace	IMG	581 x 601 x 97.7	00:48:27
5	2025-274C	COSMIC	Uzuro Tech	TECH	581 x 600 x 97.7	00:48:28
6	2025-274E	JACK-003	Cosmoworks	IMG	580 x 600 x 97.7	00:48:32
7	2025-274G	ETRISat	ETRI	COM	579 x 600 x 97.7	00:48:36
8	2025-274H	SPIRONE	Sejong U.	EOSCI	580 x 598 x 97.7	00:48:39
9	2025-274J	PERSAT01	Quaternion	IMG	578 x 598 x 97.7	00:48:44
10	2025-274K	JACK-004	Cosmoworks	IMG	578 x 598 x 97.7	00:48:47
11	2025-274L	INHA-RoSAT	SNU	TECH	577 x 598 x 97.7	00:48:51
12	2025-274M	Hana	SNU	TECH	576 x 598 x 97.7	00:48:53
13	2025-274N	K-HERO	KAIST	TECH	575 x 598 x 97.7	00:48:55
14	2025-182D	Kosmos-2594	MO RF	IMG	279 x 290 x 96.6	00:58:48
15	2025-182C	Kosmos-2593	MO RF	IMG	278 x 290 x 96.6	00:59:01
16	2025-182B	Kosmos-2592	MO RF	IMG	278 x 290 x 96.6	00:59:09
17	2025-182A	Kosmos-2591	MO RF	IMG	278 x 290 x 96.6	00:59:17
18	2025-141A	Ibuki-GW	JAXA	EOSCI	667 x 669 x 98.0	01:21:42
19	2025-044A	CSO-3	DGA/CNES	IMG*	800 x 804 x 98.6	01:30:02
20	2025-219A	Feng Yun 3H	CNMSC	MET	824 x 826 x 98.7	01:37:25
21	2025-279A	Arirang-7	KARI	IMG	555 x 571 x 97.7	02:03:25
22	2025-155B	Ionosfera-M No.	VNIEM	SCI	820 x 820 x 98.6	03:05:06
23	2025-155A	Ionosfera-M No.	VNIEM	SCI	820 x 820 x 98.6	03:05:25
24	2025-155C	Innosat16	Geoskan	IMG	488 x 502 x 97.4	03:14:28
25	2025-155P	FSKL5695-12	Rateks	TECH	486 x 496 x 97.4	03:16:03
26	2025-155D	Geoskan-6	Geoskan	SCI	480 x 490 x 97.4	03:16:38
27	2025-155H	CSTP-4.2	STTs	TECH	481 x 491 x 97.4	03:16:42
28	2025-155V	CSTP-4.4	STTs	TECH	481 x 491 x 97.4	03:16:43
29	2025-155J	CSTP-4.1	STTs	TECH	481 x 491 x 97.4	03:16:43
30	2025-155G	FSKL5695-13	Rateks	TECH	481 x 491 x 97.4	03:16:45
31	2025-155E	Geoskan-1	Geoskan	IMG	479 x 489 x 97.4	03:16:50
32	2025-155Q	Geoskan-2	Geoskan	COM	479 x 488 x 97.4	03:17:11
33	2025-155F	239Alferov	Geoskan	TECH	476 x 486 x 97.4	03:17:32
34	2025-155R	Geoskan-5	Geoskan	COM	476 x 484 x 97.4	03:17:51
35	2025-155S	Geoskan-4	Geoskan	COM	475 x 484 x 97.4	03:17:55
36	2025-155T	Geoskan-3	Geoskan	COM	472 x 481 x 97.4	03:18:23
37	2025-155M	CSTP-4.3	STTs	TECH	469 x 478 x 97.4	03:18:33
38	2025-155K	FSKL5695-14	Rateks	TECH	466 x 475 x 97.4	03:18:57
39	2025-155L	Nahid 2	IRSA/IUST	COM	464 x 473 x 97.4	03:19:04
40	2025-155N	FSKL5695-11	Rateks	TECH	465 x 473 x 97.4	03:19:11
41	2025-155U	Innosat3	Geoskan	COM	462 x 470 x 97.4	03:19:52
42	2025-061A	OTC-P1-1	OroraTech	IMG	515 x 544 x 97.5	03:49:22
43	2025-061B	OTC-P1-2	OroraTech	IMG	515 x 543 x 97.5	03:49:37
44	2025-061E	OTC-P1-5	OroraTech	IMG	514 x 540 x 97.5	03:50:11
45	2025-061H	OTC-P1-8	OroraTech	IMG	514 x 540 x 97.5	03:50:14
46	2025-061G	OTC-P1-7	OroraTech	IMG	512 x 540 x 97.5	03:50:45
47	2025-061F	OTC-P1-6	OroraTech	IMG	512 x 539 x 97.5	03:50:56
48	2025-061C	OTC-P1-3	OroraTech	IMG	513 x 542 x 97.6	03:51:01
49	2025-061D	OTC-P1-4	OroraTech	IMG	513 x 542 x 97.6	03:51:13
50	2025-138A	Hawk 12C	HawkEye 360	SIG	506 x 524 x 97.4	05:42:50
51	2025-138C	Hawk 12A	HawkEye 360	SIG	506 x 524 x 97.4	05:43:40
52	2025-138B	Hawk 12B	HawkEye 360	SIG	507 x 523 x 97.4	05:44:29
53	2025-138D	Kestrel-0A	HawkEye 360	SIG	497 x 514 x 97.4	05:45:33
54	2025-078E	Shiyan 27-05	CAST	IMG-R	1045 x 1046 x 99.7	05:59:55
55	2025-078B	Shiyan 27-02	CAST	IMG-R	1045 x 1046 x 99.7	06:00:01

Table 20: SSO satellites launched in 2025, ordered by local time of descending node

No	Piece	Name	Operator	Mission	Orbit	LTDN
56	2025-078D	Shiyan 27-04	CAST	IMG-R	1045 x 1046 x 99.7	06:00:05
57	2025-078F	Shiyan 27-06	CAST	IMG-R	1045 x 1046 x 99.7	06:00:07
58	2025-310A	Obzor-R No. 1	Roskosmos	IMG-R	641 x 644 x 98.0	06:00:10
59	2025-078A	Shiyan 27-01	CAST	IMG-R	1045 x 1046 x 99.7	06:00:12
60	2025-251A	Sentinel-1D	Copernicus/ESA	IMG-R	694 x 696 x 98.2	06:00:19
61	2025-078C	Shiyan 27-03	CAST	IMG-R	1045 x 1046 x 99.7	06:00:25
62	2025-179M	Starlink 34959	SpaceX/Seattle	COM	548 x 550 x 97.6	08:21:59
63	2025-179E	Starlink 34964	SpaceX/Seattle	COM	549 x 549 x 97.6	08:22:01
64	2025-179N	Starlink 34923	SpaceX/Seattle	COM	549 x 549 x 97.6	08:22:03
65	2025-179V	Starlink 34979	SpaceX/Seattle	COM	548 x 549 x 97.6	08:22:04
66	2025-179C	Starlink 34958	SpaceX/Seattle	COM	549 x 549 x 97.6	08:22:06
67	2025-179U	Starlink 34933	SpaceX/Seattle	COM	548 x 550 x 97.6	08:22:07
68	2025-179J	Starlink 34982	SpaceX/Seattle	COM	548 x 550 x 97.6	08:22:09
69	2025-179W	Starlink 34987	SpaceX/Seattle	COM	548 x 550 x 97.6	08:22:10
70	2025-179F	Starlink 34953	SpaceX/Seattle	COM	548 x 550 x 97.6	08:22:12
71	2025-179L	Starlink 34977	SpaceX/Seattle	COM	548 x 550 x 97.6	08:22:13
72	2025-179B	Starlink 34938	SpaceX/Seattle	COM	548 x 550 x 97.6	08:22:15
73	2025-179Z	Starlink 34980	SpaceX/Seattle	COM	548 x 550 x 97.6	08:22:16
74	2025-179P	Starlink 34962	SpaceX/Seattle	COM	548 x 550 x 97.6	08:22:18
75	2025-179G	Starlink 34969	SpaceX/Seattle	COM	548 x 550 x 97.6	08:22:20
76	2025-179T	Starlink 34961	SpaceX/Seattle	COM	548 x 550 x 97.6	08:22:21
77	2025-179K	Starlink 34990	SpaceX/Seattle	COM	548 x 550 x 97.6	08:22:23
78	2025-179X	Starlink 34971	SpaceX/Seattle	COM	548 x 550 x 97.6	08:22:24
79	2025-179D	Starlink 34818	SpaceX/Seattle	COM	548 x 550 x 97.6	08:22:26
80	2025-179Y	Starlink 34966	SpaceX/Seattle	COM	548 x 550 x 97.6	08:22:28
81	2025-179Q	Starlink 34925	SpaceX/Seattle	COM	548 x 550 x 97.6	08:22:29
82	2025-179H	Starlink 34963	SpaceX/Seattle	COM	549 x 549 x 97.6	08:22:31
83	2025-179S	Starlink 34989	SpaceX/Seattle	COM	548 x 550 x 97.6	08:22:32
84	2025-179R	Starlink 34973	SpaceX/Seattle	COM	548 x 550 x 97.6	08:22:34
85	2025-179A	Starlink 34842	SpaceX/Seattle	COM	548 x 550 x 97.6	08:22:35
86	2025-211A	Starlink 35328	SpaceX/Seattle	COM	548 x 550 x 97.6	08:26:30
87	2025-211D	Starlink 35240	SpaceX/Seattle	COM	548 x 550 x 97.6	08:26:31
88	2025-211B	Starlink 34210	SpaceX/Seattle	COM	548 x 551 x 97.6	08:26:33
89	2025-211E	Starlink 35344	SpaceX/Seattle	COM	549 x 549 x 97.6	08:26:34
90	2025-211C	Starlink 35227	SpaceX/Seattle	COM	548 x 550 x 97.6	08:26:36
91	2025-211F	Starlink 34540	SpaceX/Seattle	COM	549 x 549 x 97.6	08:26:38
92	2025-211H	Starlink 35120	SpaceX/Seattle	COM	548 x 549 x 97.6	08:26:39
93	2025-211G	Starlink 35282	SpaceX/Seattle	COM	548 x 550 x 97.6	08:26:41
94	2025-211J	Starlink 35246	SpaceX/Seattle	COM	548 x 550 x 97.6	08:26:42
95	2025-211K	Starlink 35220	SpaceX/Seattle	COM	548 x 550 x 97.6	08:26:44
96	2025-211L	Starlink 35176	SpaceX/Seattle	COM	548 x 550 x 97.6	08:26:46
97	2025-211M	Starlink 35190	SpaceX/Seattle	COM	548 x 550 x 97.6	08:26:47
98	2025-211N	Starlink 35201	SpaceX/Seattle	COM	548 x 550 x 97.6	08:26:49
99	2025-211P	Starlink 35115	SpaceX/Seattle	COM	548 x 550 x 97.6	08:26:50
100	2025-211Q	Starlink 35181	SpaceX/Seattle	COM	548 x 549 x 97.6	08:26:52
101	2025-211R	Starlink 35361	SpaceX/Seattle	COM	548 x 550 x 97.6	08:26:53
102	2025-211S	Starlink 35351	SpaceX/Seattle	COM	548 x 550 x 97.6	08:26:55
103	2025-211T	Starlink 35353	SpaceX/Seattle	COM	548 x 550 x 97.6	08:26:56
104	2025-211U	Starlink 35359	SpaceX/Seattle	COM	549 x 549 x 97.6	08:26:58
105	2025-211W	Starlink 35198	SpaceX/Seattle	COM	549 x 549 x 97.6	08:26:59
106	2025-211V	Starlink 35194	SpaceX/Seattle	COM	548 x 550 x 97.6	08:27:01
107	2025-211Z	Starlink 34749	SpaceX/Seattle	COM	548 x 550 x 97.6	08:27:02
108	2025-211X	Starlink 35177	SpaceX/Seattle	COM	548 x 550 x 97.6	08:27:04
109	2025-211Y	Starlink 35254	SpaceX/Seattle	COM	548 x 550 x 97.6	08:27:06
110	2025-112N	Starlink 34166	SpaceX/Seattle	COM	549 x 549 x 97.6	08:56:16
111	2025-112D	Starlink 33924	SpaceX/Seattle	COM	549 x 549 x 97.6	08:56:16
112	2025-112Z	Starlink 34175	SpaceX/Seattle	COM	549 x 549 x 97.6	08:56:19

Table 20: SSO satellites launched in 2025, ordered by local time of descending node

No	Piece	Name	Operator	Mission	Orbit	LTDN
113	2025-112C	Starlink 34213	SpaceX/Seattle	COM	548 x 550 x 97.6	08:56:21
114	2025-112P	Starlink 34344	SpaceX/Seattle	COM	549 x 549 x 97.6	08:56:21
115	2025-112T	Starlink 34340	SpaceX/Seattle	COM	548 x 550 x 97.6	08:56:24
116	2025-112A	Starlink 34314	SpaceX/Seattle	COM	548 x 550 x 97.6	08:56:25
117	2025-112L	Starlink 34277	SpaceX/Seattle	COM	548 x 550 x 97.6	08:56:26
118	2025-112U	Starlink 34263	SpaceX/Seattle	COM	548 x 550 x 97.6	08:56:29
119	2025-112G	Starlink 34348	SpaceX/Seattle	COM	548 x 550 x 97.6	08:56:30
120	2025-112Q	Starlink 34339	SpaceX/Seattle	COM	548 x 550 x 97.6	08:56:30
121	2025-112V	Starlink 33793	SpaceX/Seattle	COM	548 x 550 x 97.6	08:56:34
122	2025-112M	Starlink 34343	SpaceX/Seattle	COM	548 x 550 x 97.6	08:56:35
123	2025-112H	Starlink 34345	SpaceX/Seattle	COM	549 x 549 x 97.6	08:56:35
124	2025-112W	Starlink 34313	SpaceX/Seattle	COM	548 x 550 x 97.6	08:56:39
125	2025-112B	Starlink 33926	SpaceX/Seattle	COM	549 x 549 x 97.6	08:56:39
126	2025-112R	Starlink 34341	SpaceX/Seattle	COM	548 x 550 x 97.6	08:56:40
127	2025-112E	Starlink 34209	SpaceX/Seattle	COM	548 x 550 x 97.6	08:56:44
128	2025-112X	Starlink 34309	SpaceX/Seattle	COM	548 x 549 x 97.6	08:56:44
129	2025-112K	Starlink 34346	SpaceX/Seattle	COM	548 x 550 x 97.6	08:56:44
130	2025-112Y	Starlink 34303	SpaceX/Seattle	COM	548 x 550 x 97.6	08:56:48
131	2025-112F	Starlink 34338	SpaceX/Seattle	COM	548 x 550 x 97.6	08:56:48
132	2025-112S	Starlink 34317	SpaceX/Seattle	COM	548 x 550 x 97.6	08:56:49
133	2025-009V	ION SCV Amazing	D-ORBIT	TECH	306 x 1182 x 97.5	09:00:20
134	2025-184Y	Starlink 34834	SpaceX/Seattle	COM	548 x 550 x 97.6	09:00:46
135	2025-184C	Starlink 34954	SpaceX/Seattle	COM	548 x 550 x 97.6	09:00:47
136	2025-184U	Starlink 35002	SpaceX/Seattle	COM	548 x 549 x 97.6	09:00:48
137	2025-184L	Starlink 35015	SpaceX/Seattle	COM	548 x 550 x 97.6	09:00:50
138	2025-184Z	Starlink 34872	SpaceX/Seattle	COM	548 x 550 x 97.6	09:00:51
139	2025-184F	Starlink 35000	SpaceX/Seattle	COM	548 x 550 x 97.6	09:00:53
140	2025-184Q	Starlink 35007	SpaceX/Seattle	COM	548 x 550 x 97.6	09:00:55
141	2025-184X	Starlink 34613	SpaceX/Seattle	COM	548 x 550 x 97.6	09:00:56
142	2025-184B	Starlink 34904	SpaceX/Seattle	COM	548 x 550 x 97.6	09:00:58
143	2025-184N	Starlink 34995	SpaceX/Seattle	COM	548 x 551 x 97.6	09:01:00
144	2025-184G	Starlink 35023	SpaceX/Seattle	COM	548 x 550 x 97.6	09:01:01
145	2025-184W	Starlink 34951	SpaceX/Seattle	COM	548 x 550 x 97.6	09:01:03
146	2025-184P	Starlink 35048	SpaceX/Seattle	COM	548 x 550 x 97.6	09:01:04
147	2025-184D	Starlink 34968	SpaceX/Seattle	COM	548 x 550 x 97.6	09:01:06
148	2025-028D	Kineis-2E	Kineis	COM	639 x 640 x 97.9	09:01:06
149	2025-184M	Starlink 35006	SpaceX/Seattle	COM	548 x 550 x 97.6	09:01:07
150	2025-184T	Starlink 34984	SpaceX/Seattle	COM	549 x 549 x 97.6	09:01:09
151	2025-184H	Starlink 35001	SpaceX/Seattle	COM	549 x 549 x 97.6	09:01:10
152	2025-184R	Starlink 35018	SpaceX/Seattle	COM	549 x 549 x 97.6	09:01:12
153	2025-184A	Starlink 34922	SpaceX/Seattle	COM	549 x 549 x 97.6	09:01:13
154	2025-184J	Starlink 35010	SpaceX/Seattle	COM	548 x 550 x 97.6	09:01:14
155	2025-184S	Starlink 34845	SpaceX/Seattle	COM	548 x 550 x 97.6	09:01:16
156	2025-184E	Starlink 34935	SpaceX/Seattle	COM	548 x 550 x 97.6	09:01:17
157	2025-184V	Starlink 35017	SpaceX/Seattle	COM	548 x 550 x 97.6	09:01:19
158	2025-184K	Starlink 35021	SpaceX/Seattle	COM	548 x 550 x 97.6	09:01:21
159	2025-028C	Kineis-2D	Kineis	COM	643 x 646 x 97.9	09:03:12
160	2025-028G	Kineis-2B	Kineis	COM	649 x 653 x 98.0	09:04:11
161	2025-028B	Kineis-2C	Kineis	COM	651 x 655 x 98.0	09:05:35
162	2025-028E	Kineis-2A	Kineis	COM	651 x 657 x 98.0	09:06:15
163	2025-112J	Starlink 33945	SpaceX/Seattle	COM	548 x 550 x 97.6	09:30:35
164	2025-172A	METOP-SG A1	EUMETSAT	MET	819 x 820 x 98.7	09:31:28
165	2025-154A	LIDE	Tyvak Intl/Picosats	TECH	583 x 591 x 97.7	09:50:56
166	2025-154B	TRACERS 1	NASA/Iowa	SCI	584 x 592 x 97.7	09:50:58
167	2025-154E	TRACERS 2	NASA/Iowa	SCI	585 x 592 x 97.7	09:51:00
168	2025-154C	EPIC Athena	NASA LaRC/USAF STP	TECH	582 x 591 x 97.7	09:51:14
169	2025-154K	Skykraft 4D	SkyKraft	COM	581 x 587 x 97.7	09:51:19

Table 20: SSO satellites launched in 2025, ordered by local time of descending node

No	Piece	Name	Operator	Mission	Orbit	LTDN
170	2025-154H	Skykraft 4C	SkyKraft	COM	580 x 589 x 97.7	09:51:32
171	2025-154J	Skykraft 4A	SkyKraft	COM	580 x 588 x 97.7	09:51:53
172	2025-154D	Skykraft 4A	SkyKraft	COM	577 x 584 x 97.7	09:52:03
173	2025-154L	Skykraft 4E	SkyKraft	COM	576 x 584 x 97.7	09:52:23
174	2025-154F	Bard	APL/NASA	COM	504 x 510 x 97.4	09:53:26
175	2025-154G	REAL	Dartmouth	SCI	486 x 487 x 97.4	09:57:48
176	2025-256A	Chutian xingzuo	CASIC	IMG	715 x 735 x 98.3	09:58:41
177	2025-256B	Chutian xingzuo	CASIC	IMG	714 x 736 x 98.3	09:58:55
178	2025-234C	Beibuwan-1	Zhongke Weixing	IMG-R	488 x 507 x 97.4	10:01:41
179	2025-289A	Yaogan 47	China Aerospace?	IMG	493 x 495 x 97.5	10:03:22
180	2025-234A	PRSC-HS1	SUPARCO	IMG-R	471 x 488 x 97.4	10:03:42
181	2025-234B	TerraX-01	TerraXpace/Zhongke W	IMG-R	488 x 507 x 97.5	10:03:59
182	2025-207V	Starlink 35186	SpaceX/Seattle	COM	548 x 550 x 97.6	10:04:51
183	2025-207A	Starlink 35267	SpaceX/Seattle	COM	548 x 550 x 97.6	10:04:51
184	2025-207J	Starlink 35229	SpaceX/Seattle	COM	548 x 550 x 97.6	10:04:53
185	2025-207Z	Starlink 35174	SpaceX/Seattle	COM	548 x 550 x 97.6	10:04:55
186	2025-207E	Starlink 35253	SpaceX/Seattle	COM	548 x 550 x 97.6	10:04:56
187	2025-207K	Starlink 35234	SpaceX/Seattle	COM	548 x 550 x 97.6	10:04:58
188	2025-207Y	Starlink 35206	SpaceX/Seattle	COM	548 x 550 x 97.6	10:05:00
189	2025-207C	Starlink 35191	SpaceX/Seattle	COM	548 x 550 x 97.6	10:05:01
190	2025-207U	Starlink 35178	SpaceX/Seattle	COM	548 x 550 x 97.6	10:05:03
191	2025-207N	Starlink 35251	SpaceX/Seattle	COM	547 x 550 x 97.6	10:05:04
192	2025-207F	Starlink 35263	SpaceX/Seattle	COM	548 x 550 x 97.6	10:05:06
193	2025-207L	Starlink 35255	SpaceX/Seattle	COM	548 x 550 x 97.6	10:05:08
194	2025-207S	Starlink 35185	SpaceX/Seattle	COM	548 x 550 x 97.6	10:05:09
195	2025-207B	Starlink 35269	SpaceX/Seattle	COM	548 x 550 x 97.6	10:05:11
196	2025-207P	Starlink 35171	SpaceX/Seattle	COM	548 x 549 x 97.6	10:05:12
197	2025-207X	Starlink 35162	SpaceX/Seattle	COM	548 x 550 x 97.6	10:05:14
198	2025-207G	Starlink 35248	SpaceX/Seattle	COM	548 x 550 x 97.6	10:05:15
199	2025-207M	Starlink 35250	SpaceX/Seattle	COM	548 x 550 x 97.6	10:05:17
200	2025-207T	Starlink 35053	SpaceX/Seattle	COM	549 x 549 x 97.6	10:05:18
201	2025-207D	Starlink 35261	SpaceX/Seattle	COM	548 x 550 x 97.6	10:05:20
202	2025-207W	Starlink 35154	SpaceX/Seattle	COM	548 x 550 x 97.6	10:05:21
203	2025-207R	Starlink 35156	SpaceX/Seattle	COM	548 x 550 x 97.6	10:05:23
204	2025-207H	Starlink 35245	SpaceX/Seattle	COM	548 x 549 x 97.6	10:05:24
205	2025-207Q	Starlink 35195	SpaceX/Seattle	COM	548 x 550 x 97.6	10:05:26
206	2025-200F	Starlink 35057	SpaceX/Seattle	COM	548 x 550 x 97.6	10:09:21
207	2025-200Q	Starlink 35125	SpaceX/Seattle	COM	548 x 549 x 97.6	10:09:23
208	2025-200Y	Starlink 35100	SpaceX/Seattle	COM	548 x 549 x 97.6	10:09:24
209	2025-200A	Starlink 35112	SpaceX/Seattle	COM	548 x 549 x 97.6	10:09:25
210	2025-200P	Starlink 35172	SpaceX/Seattle	COM	548 x 550 x 97.6	10:09:27
211	2025-200H	Starlink 35067	SpaceX/Seattle	COM	548 x 550 x 97.6	10:09:28
212	2025-200T	Starlink 35136	SpaceX/Seattle	COM	548 x 550 x 97.6	10:09:30
213	2025-200K	Starlink 35077	SpaceX/Seattle	COM	548 x 550 x 97.6	10:09:32
214	2025-200U	Starlink 35144	SpaceX/Seattle	COM	548 x 550 x 97.6	10:09:33
215	2025-200D	Starlink 35078	SpaceX/Seattle	COM	548 x 550 x 97.6	10:09:35
216	2025-200M	Starlink 35064	SpaceX/Seattle	COM	548 x 550 x 97.6	10:09:36
217	2025-200S	Starlink 35044	SpaceX/Seattle	COM	548 x 550 x 97.6	10:09:38
218	2025-200E	Starlink 35055	SpaceX/Seattle	COM	548 x 549 x 97.6	10:09:40
219	2025-200X	Starlink 35087	SpaceX/Seattle	COM	548 x 550 x 97.6	10:09:42
220	2025-200L	Starlink 35152	SpaceX/Seattle	COM	548 x 550 x 97.6	10:09:43
221	2025-200W	Starlink 35052	SpaceX/Seattle	COM	548 x 550 x 97.6	10:09:45
222	2025-200B	Starlink 35187	SpaceX/Seattle	COM	548 x 550 x 97.6	10:09:46
223	2025-200Z	Starlink 35105	SpaceX/Seattle	COM	548 x 550 x 97.6	10:09:48
224	2025-200R	Starlink 35133	SpaceX/Seattle	COM	548 x 549 x 97.6	10:09:49
225	2025-200G	Starlink 34674	SpaceX/Seattle	COM	548 x 550 x 97.6	10:09:50
226	2025-200N	Starlink 35170	SpaceX/Seattle	COM	548 x 550 x 97.6	10:09:52

Table 20: SSO satellites launched in 2025, ordered by local time of descending node

No	Piece	Name	Operator	Mission	Orbit	LTDN
227	2025-200V	Starlink 35110	SpaceX/Seattle	COM	549 x 549 x 97.6	10:09:54
228	2025-200C	Starlink 35188	SpaceX/Seattle	COM	548 x 550 x 97.6	10:09:55
229	2025-200J	Starlink 35063	SpaceX/Seattle	COM	548 x 550 x 97.6	10:09:57
230	2025-103D	Nanchang hangkon	Zhangye Xingzuo/NCHU	IMG-R	513 x 516 x 97.4	10:21:21
231	2025-103F	Beiyoun-3	BUPT	TECH	511 x 514 x 97.4	10:21:58
232	2025-103C	Nanchang hangkon	NCHU/SpaceTy	IMG	507 x 510 x 97.4	10:22:05
233	2025-103B	Nankeda-1	SUSTech/SpaceTy	IMG	507 x 510 x 97.4	10:22:40
234	2025-103E	Beiyoun-2	BUPT	TECH	502 x 505 x 97.4	10:22:54
235	2025-012B	Tianlu-1	Jianghui Center/Yinh	IMG	499 x 514 x 97.4	10:23:18
236	2025-012A	PRSC-EO1	SUPARCO	IMG	508 x 517 x 97.4	10:23:21
237	2025-103A	Dizhi-1	Zhongguo Dizhida/Zhe	IMG	507 x 509 x 97.4	10:23:40
238	2025-276DT	TORO2	TASA/Pyra Tech	IMG	567 x 581 x 97.5	10:25:21
239	2025-276S	Phasma-Lamarr	LSF/HSC	SIG	566 x 581 x 97.5	10:25:42
240	2025-100C	Neijiang	Guoxing/Zhejiang Lab	TECH	487 x 525 x 97.4	10:26:10
241	2025-100A	Zhijiang-1	Guoxing/Zhejiang Lab	TECH	488 x 525 x 97.4	10:26:13
242	2025-276P	Lilium 2	NCKU	TECH	510 x 519 x 97.4	10:26:23
243	2025-276C	ION Galactic Geo	D-ORBIT	TECH	502 x 514 x 97.4	10:26:23
244	2025-276J	BRO-20	Unseen Labs	SIG	509 x 519 x 97.4	10:26:26
245	2025-276DM	CTC-1A	SpaceCoin/Arrow Sci	COM	497 x 515 x 97.4	10:26:27
246	2025-276G	BRO-17	Unseen Labs	SIG	509 x 520 x 97.4	10:26:27
247	2025-276CJ	Phasma-Dirac	LSF/HSC	SIG	495 x 516 x 97.4	10:26:28
248	2025-100K	Miyan Wuliaoyuan	Guoxing/Zhejiang Lab	TECH	497 x 515 x 97.4	10:26:28
249	2025-276E	Hunty	BUTE	TECH	502 x 514 x 97.4	10:26:28
250	2025-276D	Beatrice Tinsley	URUGUS S.A.	IMG	502 x 513 x 97.4	10:26:28
251	2025-276L	Sari 2	Saudi Space Ag.	TECH	510 x 517 x 97.4	10:26:30
252	2025-276X	Otter	DLR	COM	507 x 518 x 97.4	10:26:31
253	2025-276DS	Foresail-1 Prime	Aalto univ.	TECH	513 x 515 x 97.4	10:26:33
254	2025-276BW	Flock 4h-31	Planet	IMG	509 x 516 x 97.4	10:26:34
255	2025-276H	ION Stellar Step	D-ORBIT	TECH	505 x 515 x 97.4	10:26:35
256	2025-276BH	Flock 4h-18	Planet	IMG	509 x 516 x 97.4	10:26:35
257	2025-276N	Lemur-2 Teodor	Spire	COM/MET-RO	508 x 518 x 97.4	10:26:35
258	2025-276BT	Flock 4h-28	Planet	IMG	509 x 516 x 97.4	10:26:35
259	2025-276K	Sari 1	Saudi Space Ag.	TECH	507 x 517 x 97.4	10:26:35
260	2025-276BU	Flock 4h-29	Planet	IMG	509 x 515 x 97.4	10:26:36
261	2025-276R	MICE-1	Prisma Elec./HSC	COM	505 x 513 x 97.4	10:26:36
262	2025-276AA	SPiN 2	Space Prod.Inn.	TECH	509 x 517 x 97.4	10:26:37
263	2025-313H	Paya	IRSA/IEI	TECH	496 x 623 x 97.3	10:26:37
264	2025-276BR	Flock 4h-26	Planet	IMG	508 x 517 x 97.4	10:26:37
265	2025-276Q	Lemur-2 DeanAndM	Spire	COM/MET-RO	508 x 518 x 97.4	10:26:37
266	2025-276Y	WISDOM A	C3S	TECH	510 x 516 x 97.4	10:26:38
267	2025-276AZ	Flock 4h-10	Planet	IMG	508 x 516 x 97.4	10:26:40
268	2025-276BM	Flock 4h-22	Planet	IMG	509 x 514 x 97.4	10:26:40
269	2025-276AJ	IRIDE-MS1-Eaglet	ASI/OHB-I	TECH	509 x 515 x 97.4	10:26:40
270	2025-276BE	Flock 4h-15	Planet	IMG	509 x 516 x 97.4	10:26:42
271	2025-276AG	IRIDE-MS1-Eaglet	ASI/OHB-I	TECH	508 x 515 x 97.4	10:26:42
272	2025-276AW	Flock 4h-7	Planet	IMG	509 x 514 x 97.4	10:26:42
273	2025-276Z	AC1-003	BAE Sys DI/In-Space	SIG/IMG	510 x 516 x 97.4	10:26:43
274	2025-276DA	HydroGNSS-1	ESA	EOSCI	510 x 515 x 97.4	10:26:43
275	2025-276AN	IRIDE-MS1-Eaglet	ASI/OHB-I	TECH	508 x 515 x 97.4	10:26:43
276	2025-276F	Black Kite 1	TASA/Rapidtek	COM	506 x 516 x 97.4	10:26:43
277	2025-100E	Taizhou	Guoxing/Zhejiang Lab	TECH	508 x 515 x 97.4	10:26:44
278	2025-276AK	IRIDE-MS1-Eaglet	ASI/OHB-I	TECH	508 x 515 x 97.4	10:26:44
279	2025-276T	6GStarLab	i2CAT	COM	508 x 518 x 97.4	10:26:44
280	2025-276CQ	MikroSAR	MON/Wojkowskie Z.L.	IMG-R	515 x 520 x 97.4	10:26:44
281	2025-276M	ANISCSAT	Azerkosmos	TECH	506 x 514 x 97.4	10:26:44
282	2025-276CR	ICEYE-X60	ICEYE	IMG-R	510 x 515 x 97.4	10:26:44
283	2025-276CH	AC1-002	BAE Sys DI/In-Space	SIG/IMG	510 x 515 x 97.4	10:26:45

Table 20: SSO satellites launched in 2025, ordered by local time of descending node

No	Piece	Name	Operator	Mission	Orbit	LTDN
284	2025-276AT	Flock 4h-4	Planet	IMG	508 x 516 x 97.4	10:26:45
285	2025-276AP	Pelican 6	Planet	IMG	507 x 510 x 97.4	10:26:45
286	2025-276CG	AC1-001	BAE Sys DI/In-Space	SIG/IMG	510 x 516 x 97.4	10:26:45
287	2025-276BX	Flock 4h-32	Planet	IMG	508 x 516 x 97.4	10:26:45
288	2025-276AD	TRYAD 2	Auburn U/UAH	SCI	506 x 513 x 97.4	10:26:45
289	2025-276W	Lemur-2 Stas-Gor	Spire	COM/MET-RO	508 x 517 x 97.4	10:26:46
290	2025-276CF	Melina Furman	URUGUS S.A.	IMG	509 x 513 x 97.4	10:26:46
291	2025-276AB	TRYAD 1	Auburn U/UAH	SCI	507 x 515 x 97.4	10:26:46
292	2025-276BF	Flock 4h-16	Planet	IMG	508 x 516 x 97.4	10:26:47
293	2025-276AM	IRIDE-MS1-Eaglet	ASI/OHB-I	TECH	508 x 515 x 97.4	10:26:47
294	2025-276BV	Flock 4h-30	Planet	IMG	508 x 516 x 97.4	10:26:47
295	2025-276DB	HydroGNSS-2	ESA	EOSCI	509 x 515 x 97.4	10:26:47
296	2025-276BN	Flock 4h-23	Planet	IMG	508 x 516 x 97.4	10:26:47
297	2025-276AC	Yvonne Brill	URUGUS S.A.	IMG	509 x 514 x 97.4	10:26:48
298	2025-276CT	ICEYE-X62	ICEYE	IMG-R	509 x 514 x 97.4	10:26:49
299	2025-276BP	Flock 4h-24	Planet	IMG	508 x 515 x 97.4	10:26:50
300	2025-276B	Pelican 5	Planet	IMG	509 x 515 x 97.4	10:26:50
301	2025-276AE	YAM-9	Loft Orbital/EarthDa	TECH	506 x 512 x 97.4	10:26:50
302	2025-100L	Yukongzhe	Guoxing/Zhejiang Lab	TECH	497 x 515 x 97.4	10:26:50
303	2025-276CC	HCT-SAT2	HCT/Rashid Space Ctr	TECH	508 x 514 x 97.4	10:26:50
304	2025-276DC	Nahla	Aerospacelab	IMG	509 x 514 x 97.4	10:26:50
305	2025-276V	LEO Express 3	Impulse Space	TECH	506 x 514 x 97.4	10:26:51
306	2025-276AX	Flock 4h-8	Planet	IMG	508 x 514 x 97.4	10:26:52
307	2025-276CD	WISDOM B	C3S	TECH	508 x 514 x 97.4	10:26:53
308	2025-276BS	Flock 4h-27	Planet	IMG	508 x 511 x 97.4	10:26:53
309	2025-276AS	Flock 4h-3	Planet	IMG	508 x 515 x 97.4	10:26:53
310	2025-276CS	ICEYE-X61	ICEYE	IMG-R	509 x 513 x 97.4	10:26:54
311	2025-276CM	PIAST-S1	Wojskowa Ak.Tech.	IMG	507 x 513 x 97.4	10:26:54
312	2025-276AQ	Flock 4h-1	Planet	IMG	507 x 512 x 97.4	10:26:54
313	2025-276CE	Mercury One	Proteus Space	TECH	507 x 514 x 97.4	10:26:54
314	2025-276CP	ICEYE-X58	ICEYE	IMG-R	508 x 514 x 97.4	10:26:55
315	2025-276U	Accenture-1	Accenture/Open Cosmo	IMG	507 x 516 x 97.4	10:26:55
316	2025-276AR	Flock 4h-2	Planet	IMG	507 x 511 x 97.4	10:26:55
317	2025-276BB	Flock 4h-12	Planet	IMG	507 x 512 x 97.4	10:26:55
318	2025-276BA	Flock 4h-11	Planet	IMG	507 x 513 x 97.4	10:26:55
319	2025-100F	Haikou	Guoxing/Zhejiang Lab	TECH	507 x 512 x 97.4	10:26:55
320	2025-276AU	Flock 4h-5	Planet	IMG	508 x 511 x 97.4	10:26:57
321	2025-276CW	PIAST-M	Wojskowa Ak.Tech.	IMG	508 x 511 x 97.4	10:26:57
322	2025-276AH	IRIDE-MS1-Eaglet	ASI/OHB-I	TECH	508 x 511 x 97.4	10:26:57
323	2025-276DF	CTC-1B	SpaceCoin/Arrow Sci	COM	508 x 510 x 97.4	10:26:57
324	2025-276CX	Veery-0G	Care Weather	MET	507 x 511 x 97.4	10:26:57
325	2025-276CU	MAUVE	Blue Skies Space	AST	509 x 512 x 97.4	10:26:57
326	2025-276DE	Bellbird-1	TASA/Tron Future Tec	COM	508 x 509 x 97.4	10:26:58
327	2025-276AY	Flock 4h-9	Planet	IMG	507 x 513 x 97.4	10:26:59
328	2025-276CY	AE5RA	ArkEdge	SIG	508 x 511 x 97.4	10:27:00
329	2025-276DP	PHI-1	Rashid Space Ctr	TECH	507 x 508 x 97.4	10:27:00
330	2025-276DG	PW-6U	SatRevolution	IMG	508 x 508 x 97.4	10:27:00
331	2025-276BQ	Flock 4h-25	Planet	IMG	508 x 510 x 97.4	10:27:00
332	2025-276BL	Flock 4h-21	Planet	IMG	506 x 511 x 97.4	10:27:00
333	2025-276AV	Flock 4h-6	Planet	IMG	507 x 513 x 97.4	10:27:01
334	2025-276AF	IRIDE-MS1-Eaglet	ASI/OHB-I	TECH	507 x 511 x 97.4	10:27:01
335	2025-276CA	Flock 4h-35	Planet	IMG	507 x 511 x 97.4	10:27:01
336	2025-276BJ	Flock 4h-19	Planet	IMG	506 x 510 x 97.4	10:27:02
337	2025-276CV	PIAST-S2	Wojskowa Ak.Tech.	IMG	507 x 512 x 97.4	10:27:02
338	2025-276CN	CTC-1C	SpaceCoin/Arrow Sci	COM	507 x 513 x 97.4	10:27:04
339	2025-276AL	IRIDE-MS1-Eaglet	ASI/OHB-I	TECH	507 x 511 x 97.4	10:27:04
340	2025-276CK	W-5	Varda Space	MGRAV	316 x 886 x 97.4	10:27:04

Table 20: SSO satellites launched in 2025, ordered by local time of descending node

No	Piece	Name	Operator	Mission	Orbit	LTDN
341	2025-276BC	Flock 4h-13	Planet	IMG	507 x 511 x 97.4	10:27:05
342	2025-276CB	Flock 4h-36	Planet	IMG	507 x 513 x 97.4	10:27:05
343	2025-276BG	Flock 4h-17	Planet	IMG	507 x 513 x 97.4	10:27:05
344	2025-276BD	Flock 4h-14	Planet	IMG	507 x 510 x 97.4	10:27:06
345	2025-276BZ	Flock 4h-34	Planet	IMG	507 x 512 x 97.4	10:27:06
346	2025-276CZ	AE5RB	ArkEdge	SIG	506 x 509 x 97.4	10:27:07
347	2025-276BK	Flock 4h-20	Planet	IMG	506 x 511 x 97.4	10:27:07
348	2025-276BY	Flock 4h-33	Planet	IMG	506 x 511 x 97.4	10:27:07
349	2025-276DH	Speqtre	RAL/SpEqtral	TECH	507 x 510 x 97.4	10:27:07
350	2025-276DQ	Lemur-2 Laila	Spire	COM/MET-RO	506 x 511 x 97.4	10:27:08
351	2025-276CL	Umbra-11	Umbra Labs	IMG-R	503 x 507 x 97.4	10:27:10
352	2025-276DN	Gena-OT-1	OroraTech/U Bundeswe	TECH	506 x 509 x 97.4	10:27:10
353	2025-276DJ	Lilium 3	NCKU	TECH	507 x 512 x 97.4	10:27:12
354	2025-276DK	Gyeonggisat-1	Nara Space	IMG	507 x 510 x 97.4	10:27:13
355	2025-276DL	IHI-SAT-2	IHI Corp	COM	506 x 509 x 97.4	10:27:16
356	2025-276DD	AE5RC	ArkEdge	SIG	504 x 507 x 97.4	10:27:17
357	2025-276DR	Luna-1	Aselsan	COM	486 x 513 x 97.4	10:27:27
358	2025-276A	Formosat-8A	TASA	IMG/SCI	550 x 567 x 97.7	10:28:00
359	2025-012C	Lantan-1	Hangzhou Dianzi	IMG	487 x 499 x 97.4	10:28:10
360	2025-313D	Marafon No. 2 GM	Resehetnev ISS/MAI M	COM	495 x 707 x 97.6	10:28:21
361	2025-313C	Marafon No. 1	Resehetnev ISS/MAI M	COM	500 x 726 x 97.6	10:28:25
362	2025-242A	Gao Fen 14-02	Yaogan Zongti	IMG	488 x 490 x 97.4	10:29:41
363	2025-100J	Tiantie Keji	Guoxing/Zhejiang Lab	TECH	467 x 481 x 97.4	10:29:41
364	2025-100D	Neijiang Gaoxin	Guoxing/Zhejiang Lab	TECH	468 x 481 x 97.4	10:30:02
365	2025-100M	Dalinghaowan	Guoxing/Zhejiang Lab	TECH	466 x 482 x 97.4	10:30:09
366	2025-108C	Xingrui-11	Zhongke Xingrui	IMG	515 x 536 x 97.5	10:30:11
367	2025-108A	Taijing-3 04	MinoSpace	IMG	519 x 525 x 97.5	10:30:19
368	2025-100G	Maanshan Zhishua	Guoxing/Zhejiang Lab	TECH	480 x 500 x 97.4	10:30:27
369	2025-313J	SITRO-AIS-57	Sitronics	COM	493 x 517 x 97.4	10:30:37
370	2025-100H	Chongzhou	Guoxing/Zhejiang Lab	TECH	465 x 481 x 97.4	10:30:37
371	2025-313L	SITRO-AIS-58	Sitronics	COM	493 x 517 x 97.4	10:30:38
372	2025-313K	SITRO-AIS-59	Sitronics	COM	493 x 517 x 97.4	10:30:38
373	2025-314A	Tianhui-7	G. Cehui dili	IMG	487 x 490 x 97.4	10:30:38
374	2025-313N	SITRO-AIS-60	Sitronics	COM	493 x 516 x 97.4	10:30:39
375	2025-313Z	SCH-619	STTs	TECH	494 x 516 x 97.4	10:30:40
376	2025-313W	Zorkiy-2M No. 7	Sputniks	IMG	493 x 515 x 97.4	10:30:41
377	2025-313Q	Ansar-1	STTs	TECH	493 x 515 x 97.4	10:30:41
378	2025-313AD	Vladivostok-2	DVFCU	SCI	494 x 515 x 97.4	10:30:41
379	2025-313AB	VM-3.1	STTs	TECH	495 x 516 x 97.4	10:30:41
380	2025-313AF	Grifon-4	Novosibirsk SU	COM	494 x 515 x 97.4	10:30:41
381	2025-313AE	Argus-312	Kaisant	COM	494 x 515 x 97.4	10:30:42
382	2025-313AG	Khors No. 5	MGTU Bauman	MET-RO	494 x 514 x 97.4	10:30:42
383	2025-313V	Grifon-1	Novosibirsk SU	IMG	493 x 514 x 97.4	10:30:42
384	2025-313AA	Polytech-Univers	Polytech	SCI	492 x 514 x 97.4	10:30:42
385	2025-313AC	Mokha-1	Kaisant	COM	493 x 515 x 97.4	10:30:43
386	2025-313AK	Aist-ST	SNIU	IMG-R	494 x 512 x 97.4	10:30:43
387	2025-313T	SITRO-TD-4	Sitronics	COM	493 x 515 x 97.4	10:30:43
388	2025-313AH	UTE-Galapagos	UTE/SWSU	TECH	493 x 515 x 97.4	10:30:43
389	2025-313Y	SITRO-TD-3	Sitronics	COM	493 x 515 x 97.4	10:30:44
390	2025-313R	DCS-1	Telnet Holding?	TECH	493 x 515 x 97.4	10:30:45
391	2025-313S	Mule-4T	OKB 5 Pok.	TECH	493 x 516 x 97.4	10:30:45
392	2025-313U	SITRO-AIS-65	Sitronics	COM	493 x 515 x 97.4	10:30:45
393	2025-313M	CSTP-3.10	STTs	TECH	492 x 515 x 97.4	10:30:46
394	2025-313X	Grifon-2	Novosibirsk SU	IMG	492 x 514 x 97.4	10:30:47
395	2025-313AN	Lobachevskiy	Lobachevskiy UNN	IMG	494 x 510 x 97.4	10:30:47
396	2025-313AL	Kowsar-1.5	Omid-e-Faza/ISRC	TECH	493 x 510 x 97.4	10:30:48
397	2025-313AP	NASBSat-2	AN Belarus	IMG	493 x 509 x 97.4	10:30:48

Table 20: SSO satellites launched in 2025, ordered by local time of descending node

No	Piece	Name	Operator	Mission	Orbit	LTDN
398	2025-313P	SM-3.1	STTs	TECH	492 x 514 x 97.4	10:30:48
399	2025-313AJ	Zafar-2	IRSA/IUST	TECH	493 x 513 x 97.4	10:30:49
400	2025-313AM	MorSat-1	AmGU/MAI Moskva	TECH	493 x 509 x 97.4	10:30:49
401	2025-313AS	Yeya-2	Kaisant	COM	492 x 510 x 97.4	10:30:51
402	2025-313AQ	Grifon-3	Novosibirsk SU	IMG	493 x 509 x 97.4	10:30:52
403	2025-313AX	Skorpion	MGU	SCI	492 x 510 x 97.4	10:30:52
404	2025-313AR	Luca	Montenegro SR	TECH	493 x 508 x 97.4	10:30:53
405	2025-313AU	SakhaCube-Cholbo	Sakha MAN	TECH	493 x 508 x 97.4	10:30:54
406	2025-313AT	NASBSat-1	AN Belarus	SCI	492 x 507 x 97.4	10:30:54
407	2025-313AV	QMR-KWT-2	Orbital Space KW	TECH	492 x 507 x 97.4	10:30:54
408	2025-313AZ	Zorkiy-2M No. 5	Sputniks	IMG	492 x 508 x 97.4	10:30:54
409	2025-313AW	SITRO-AIS-64	Sitronics	IMG	493 x 507 x 97.4	10:30:55
410	2025-313E	Zorkiy-2M VPE	Sputniks	IMG	492 x 508 x 97.4	10:30:55
411	2025-313AY	SITRO-AIS-63	Sitronics	COM	493 x 507 x 97.4	10:30:55
412	2025-313BA	SITRO-AIS-62	Sitronics	COM	493 x 507 x 97.4	10:30:56
413	2025-313BB	SITRO-AIS-61	Sitronics	COM	493 x 506 x 97.4	10:30:57
414	2025-188G	LEAP-1	Dhruva Space	TECH	593 x 597 x 97.8	10:31:04
415	2025-292A	Jilin-1 GaoFen 0	Chang Guang	IMG	540 x 562 x 97.6	10:31:12
416	2025-292D	Jilin-1 GaoFen 0	Chang Guang	IMG	541 x 562 x 97.6	10:31:13
417	2025-292C	Jilin-1 GaoFen 0	Chang Guang	IMG	540 x 562 x 97.6	10:31:13
418	2025-292J	Slippers2Sat	Antarikhya	TECH	540 x 563 x 97.6	10:31:14
419	2025-292B	UAE-813	UAESA/UAE University	EOSCI	540 x 562 x 97.6	10:31:15
420	2025-009DQ	Sedna-2	AAC ClydeSpace	COM	530 x 543 x 97.5	10:31:16
421	2025-292E	Dongpo 15	Meishan Huantian	IMG	540 x 562 x 97.6	10:31:18
422	2025-292F	Yuxing-2 09	Xinghu Chuanming	IMG	538 x 561 x 97.6	10:31:24
423	2025-100B	Zhijiang-2	Guoxing/Zhejiang Lab	TECH	466 x 482 x 97.4	10:31:26
424	2025-292G	Yixian-A (R)	Zhongda	TECH	538 x 561 x 97.7	10:31:26
425	2025-292H	SPNeX	EgSA	SCI	538 x 560 x 97.7	10:31:29
426	2025-188D	Capella 16	Capella Space	IMG-R	586 x 591 x 97.7	10:31:53
427	2025-313G	Aist-2T No. 2	Roskosmos	IMG	368 x 379 x 97.1	10:32:09
428	2025-313F	Aist-2T No. 1	Roskosmos	IMG	362 x 376 x 97.1	10:32:16
429	2025-108D	Xingjiyuan-1	Guoyu Zhilian	IMG	505 x 524 x 97.5	10:32:16
430	2025-108B	Taijing-4 02A	MinoSpace	IMG-R	503 x 522 x 97.5	10:32:17
431	2025-009X	ION SCV Eminent	D-ORBIT	TECH	549 x 555 x 97.5	10:32:30
432	2025-188E	Firefly 6	Pixxel	IMG	584 x 593 x 97.7	10:32:52
433	2025-160A	Enshi Xidou Shan	Hangsheng	IMG	463 x 475 x 97.4	10:32:53
434	2025-188F	Firefly 4	Pixxel	IMG	581 x 595 x 97.8	10:32:57
435	2025-188H	Firefly 5	Pixxel	IMG	580 x 597 x 97.8	10:33:00
436	2025-188C	NAOS	Dir. Defence/LuxEOPs	IMG	448 x 448 x 97.2	10:33:21
437	2025-108E	Tada Huyang 1	Weilai Yuhang KK/Tar	MET	496 x 515 x 97.5	10:33:29
438	2025-009BH	Lyra-1	Echostar AU	COM	512 x 524 x 97.4	10:33:57
439	2025-108F	Xiguang 1-02	Xiopm Space	IMG	491 x 509 x 97.5	10:34:35
440	2025-009DR	PoSAT-2	LusoSpace	COM	535 x 544 x 97.5	10:34:49
441	2025-188A	Pelican 3	Planet	IMG	437 x 451 x 97.2	10:34:51
442	2025-188B	Pelican 4	Planet	IMG	438 x 450 x 97.2	10:35:03
443	2025-009DN	FOSSASAT FO020	Fossa Systems	COM	486 x 492 x 97.3	10:36:26
444	2025-300A	Zi Yuan 3-04	G. Cehui dili/CRESDA	IMG	498 x 506 x 97.5	10:38:10
445	2025-226B	Shutianyuxing-01	Shikong Daoyu	IMG	526 x 551 x 97.7	10:38:37
446	2025-165K	Starlink 34806	SpaceX/Seattle	COM	548 x 551 x 97.6	10:39:08
447	2025-165Q	Starlink 34794	SpaceX/Seattle	COM	548 x 550 x 97.6	10:39:09
448	2025-165B	Starlink 34745	SpaceX/Seattle	COM	548 x 550 x 97.6	10:39:11
449	2025-165R	Starlink 34805	SpaceX/Seattle	COM	548 x 549 x 97.6	10:39:13
450	2025-165N	Starlink 34810	SpaceX/Seattle	COM	548 x 550 x 97.6	10:39:14
451	2025-165U	Starlink 34780	SpaceX/Seattle	COM	548 x 550 x 97.6	10:39:16
452	2025-165P	Starlink 34809	SpaceX/Seattle	COM	547 x 550 x 97.6	10:39:18
453	2025-165M	Starlink 34802	SpaceX/Seattle	COM	548 x 550 x 97.6	10:39:19
454	2025-165G	Starlink 34708	SpaceX/Seattle	COM	548 x 550 x 97.6	10:39:21

Table 20: SSO satellites launched in 2025, ordered by local time of descending node

No	Piece	Name	Operator	Mission	Orbit	LTDN
455	2025-165A	Starlink 34788	SpaceX/Seattle	COM	548 x 550 x 97.6	10:39:21
456	2025-165C	Starlink 34779	SpaceX/Seattle	COM	548 x 550 x 97.6	10:39:23
457	2025-165D	Starlink 34803	SpaceX/Seattle	COM	548 x 550 x 97.6	10:39:26
458	2025-165S	Starlink 34735	SpaceX/Seattle	COM	548 x 550 x 97.6	10:39:28
459	2025-165J	Starlink 34793	SpaceX/Seattle	COM	548 x 549 x 97.6	10:39:31
460	2025-165E	Starlink 34717	SpaceX/Seattle	COM	548 x 550 x 97.6	10:39:32
461	2025-165H	Starlink 34798	SpaceX/Seattle	COM	548 x 549 x 97.6	10:39:36
462	2025-165L	Starlink 34739	SpaceX/Seattle	COM	548 x 550 x 97.6	10:39:37
463	2025-165F	Starlink 34750	SpaceX/Seattle	COM	548 x 550 x 97.6	10:39:40
464	2025-165T	Starlink 34781	SpaceX/Seattle	COM	548 x 550 x 97.6	10:39:42
465	2025-226C	Shutianyuxing-02	Shikong Daoyu	IMG	515 x 534 x 97.6	10:40:19
466	2025-115A	Shi Jian 26	China Aerospace?	IMG	485 x 514 x 97.5	10:40:42
467	2025-226A	Jixing Kuanfu-02	Chang Guang	IMG	515 x 533 x 97.7	10:40:54
468	2025-156E	CO3D F1	CNES	SCI	293 x 732 x 98.4	10:41:06
469	2025-156A	MicroCarb	CNES	SCI	642 x 665 x 98.0	10:41:19
470	2025-051A	Siwei Gaojing 3-	Siwei	IMG	499 x 500 x 97.5	10:43:27
471	2025-156D	CO3D F2	CNES	SCI	370 x 635 x 97.6	10:43:41
472	2025-009CQ	Connecta IOT-8	Plan-S	COM	587 x 592 x 97.7	10:45:31
473	2025-156C	CO3D F4	CNES	SCI	504 x 506 x 97.4	10:45:43
474	2025-156B	CO3D F3	CNES	SCI	504 x 505 x 97.4	10:45:43
475	2025-009A	Buzzer-1	Unseen Labs	SIG	498 x 511 x 97.4	10:46:02
476	2025-009BV	FOSSASAT FO019	Fossa Systems	COM	500 x 510 x 97.4	10:46:10
477	2025-009CZ	Firefly 2	Pixxel	IMG	585 x 592 x 97.7	10:46:18
478	2025-009CT	ICEYE-X42	Space42	IMG-R	590 x 593 x 97.7	10:46:19
479	2025-009CF	FOSSASAT FO018	Fossa Systems	COM	500 x 510 x 97.4	10:46:24
480	2025-009U	Ray 1.0	Inversion Space	TECH	499 x 514 x 97.4	10:46:31
481	2025-009CS	IRIDE-MS2-HEO-1	ASI/ArgoTec	IMG	583 x 588 x 97.7	10:46:33
482	2025-009BJ	Jay D2	DRDC/UTIAS-SFL	IMG	498 x 506 x 97.4	10:46:35
483	2025-009CP	Lemur-2 Wilson	Spire	COM/MET-RO	581 x 587 x 97.7	10:46:42
484	2025-009CW	Firefly 1	Pixxel	IMG	585 x 592 x 97.7	10:46:50
485	2025-009DE	Connecta IOT-6	Plan-S	COM	585 x 586 x 97.7	10:47:00
486	2025-009DF	Firefly 3	Pixxel	IMG	585 x 592 x 97.7	10:47:03
487	2025-009BQ	SkyBee-AO1	ConstellR	IMG	500 x 510 x 97.4	10:47:15
488	2025-009C	Balkan-1	Endurosat	IMG	491 x 503 x 97.4	10:47:27
489	2025-009CX	NORSAT-4	NSC	COM/TECH	582 x 586 x 97.7	10:47:35
490	2025-009CY	Connecta IOT-5	Plan-S	COM	582 x 586 x 97.7	10:47:39
491	2025-009BM	Jay C	DRDC/UTIAS-SFL	IMG	498 x 506 x 97.4	10:47:48
492	2025-009BR	Skylink-2	Hello Space	COM	497 x 505 x 97.4	10:48:05
493	2025-009T	MBZSAT	Rashid Space Ctr	IMG	504 x 515 x 97.4	10:48:09
494	2025-009DL	Connecta IOT-7	Plan-S	COM	585 x 586 x 97.7	10:48:12
495	2025-009DC	ICEYE-X44	Space42	IMG-R	581 x 582 x 97.7	10:48:27
496	2025-009CB	OT-FOREST-3 BJOE	OroraTech	IMG	493 x 501 x 97.4	10:48:37
497	2025-009CD	IRIS-F2	NCKU	TECH	488 x 498 x 97.4	10:48:39
498	2025-009BN	Jay D1	DRDC/UTIAS-SFL	IMG	497 x 506 x 97.4	10:49:01
499	2025-009CE	Flock 4g-33	Planet	IMG	490 x 500 x 97.4	10:49:20
500	2025-009CV	ICEYE-X41	ICEYE US	IMG-R	578 x 581 x 97.7	10:49:22
501	2025-009H	InnoCube	TUB	TECH	488 x 498 x 97.4	10:49:23
502	2025-009G	Veery-0F	Care Weather	MET	489 x 500 x 97.4	10:49:29
503	2025-009AW	PAUSAT-1	Air University	IMG	497 x 501 x 97.4	10:49:43
504	2025-009Z	SIGI 1	MBS/Reflex	COM	494 x 500 x 97.4	10:50:50
505	2025-009DK	Centauri 8	Fleet Space	COM	576 x 577 x 97.7	10:50:54
506	2025-009DD	Centauri 7	Fleet Space	COM	576 x 578 x 97.7	10:51:18
507	2025-009L	IRIS-F3	NCKU	TECH	490 x 500 x 97.4	10:51:26
508	2025-009P	Flock 4g-9	Planet	IMG	486 x 494 x 97.4	10:51:39
509	2025-009BP	Flock 4g-10	Planet	IMG	484 x 492 x 97.4	10:51:48
510	2025-009BY	Flock 4g-30	Planet	IMG	483 x 492 x 97.4	10:51:50
511	2025-009AC	GARAI A	Satlantis	IMG	495 x 500 x 97.4	10:52:00

Table 20: SSO satellites launched in 2025, ordered by local time of descending node

No	Piece	Name	Operator	Mission	Orbit	LTDN
512	2025-009AX	BRO-16	Unseen Labs	SIG	495 x 500 x 97.4	10:52:03
513	2025-009R	Flock 4g-7	Planet	IMG	485 x 490 x 97.4	10:52:21
514	2025-009BC	Flock 4g-4	Planet	IMG	486 x 491 x 97.4	10:52:29
515	2025-009CA	Flock 4g-17	Planet	IMG	483 x 491 x 97.4	10:52:30
516	2025-009BD	Flock 4g-6	Planet	IMG	484 x 490 x 97.4	10:52:30
517	2025-009N	Flock 4g-13	Planet	IMG	479 x 485 x 97.4	10:52:39
518	2025-009AJ	Flock 4g-27	Planet	IMG	485 x 490 x 97.4	10:52:41
519	2025-009W	Flock 4g-11	Planet	IMG	484 x 490 x 97.4	10:52:53
520	2025-009AH	UzmaSat-1	Uzma/URUGUS S.A.	IMG	486 x 491 x 97.4	10:53:03
521	2025-009AQ	Flock 4g-23	Planet	IMG	485 x 489 x 97.4	10:53:08
522	2025-009AD	Flock 4g-20	Planet	IMG	470 x 473 x 97.4	10:53:12
523	2025-009BZ	Flock 4g-18	Planet	IMG	482 x 492 x 97.4	10:53:16
524	2025-009AT	Flock 4g-34	Planet	IMG	485 x 490 x 97.4	10:53:19
525	2025-009AV	Flock 4g-31	Planet	IMG	486 x 490 x 97.4	10:53:22
526	2025-009CU	Lemur-2 Arianna	Spire	COM/MET-RO	566 x 567 x 97.7	10:53:25
527	2025-009BU	Flock 4g-36	Planet	IMG	483 x 492 x 97.4	10:53:27
528	2025-009DJ	SatGus	CrunchLabs	IMG	569 x 570 x 97.7	10:53:28
529	2025-009BL	Flock 4g-14	Planet	IMG	483 x 491 x 97.4	10:53:43
530	2025-009CR	Lemur-2 Star-Fox	Spire	COM/MET-RO	565 x 568 x 97.7	10:53:55
531	2025-009BX	Flock 4g-15	Planet	IMG	483 x 491 x 97.4	10:53:56
532	2025-009BA	TES-22	ARC	TECH	485 x 489 x 97.4	10:53:56
533	2025-009S	Flock 4g-12	Planet	IMG	484 x 491 x 97.4	10:53:57
534	2025-009BB	TROLL	TRL Space	TECH	483 x 486 x 97.4	10:54:01
535	2025-009BE	Flock 4g-2	Planet	IMG	482 x 490 x 97.4	10:54:12
536	2025-009E	Flock 4g-8	Planet	IMG	482 x 490 x 97.4	10:54:13
537	2025-009BK	Flock 4g-1	Planet	IMG	483 x 491 x 97.4	10:54:13
538	2025-009BS	LEO Express 2	Impulse Space	TECH	419 x 529 x 97.5	10:54:15
539	2025-009AK	Flock 4g-29	Planet	IMG	484 x 490 x 97.4	10:54:15
540	2025-009AA	Flock 4g-26	Planet	IMG	484 x 490 x 97.4	10:54:22
541	2025-009AG	Flock 4g-3	Planet	IMG	484 x 490 x 97.4	10:54:27
542	2025-009Q	Otter	USN PGS	TECH	481 x 490 x 97.4	10:54:28
543	2025-009AN	Flock 4g-22	Planet	IMG	485 x 490 x 97.4	10:54:37
544	2025-009AP	Flock 4g-25	Planet	IMG	484 x 489 x 97.4	10:54:40
545	2025-009AR	LIME	NOVI	TECH	481 x 485 x 97.4	10:54:47
546	2025-009CC	Flock 4g-35	Planet	IMG	470 x 477 x 97.4	10:54:47
547	2025-009BG	Flock 4g-5	Planet	IMG	480 x 486 x 97.4	10:54:48
548	2025-009B	Edison-1	Space Inventor/ESA	TECH	478 x 487 x 97.4	10:54:55
549	2025-009D	GESAT Gen1	Absolut Sensing/Nano	EOSCI	486 x 489 x 97.4	10:55:02
550	2025-009AE	Flock 4g-24	Planet	IMG	483 x 489 x 97.4	10:55:02
551	2025-009DG	Lemur-2 RoundTri	Spire	COM/MET-RO	561 x 565 x 97.7	10:55:12
552	2025-009BT	FUSION 1	Seiren	IMG	481 x 490 x 97.4	10:55:18
553	2025-009AU	Flock 4g-21	Planet	IMG	482 x 486 x 97.4	10:55:31
554	2025-009DB	Lemur-2 Alisia	Spire	COM/MET-RO	564 x 567 x 97.7	10:55:51
555	2025-009DH	Lemur-2 MyNameIs	Spire	COM/MET-RO	561 x 566 x 97.7	10:56:21
556	2025-009AZ	PARUS-T1	TASA/Pyra Tech	TECH	477 x 480 x 97.4	10:56:31
557	2025-051B	Tianyan-23	Tianlian Cekong/Zuiz	IMG	445 x 454 x 97.5	10:57:24
558	2025-009CH	BlueBon	SatRevolution/TelePI	IMG	479 x 483 x 97.4	10:57:36
559	2025-009CL	Poquito	U Lux.	TECH	458 x 461 x 97.4	10:57:40
560	2025-009AL	Flock 4g-32	Planet	IMG	439 x 440 x 97.4	10:58:32
561	2025-009BW	Elevation-1	Almagest IOM/XDLINX	COM	461 x 468 x 97.4	10:59:32
562	2025-009AB	Flock 4g-28	Planet	IMG	467 x 472 x 97.4	10:59:37
563	2025-009AM	ANSER-L-S	INTA	IMG	461 x 465 x 97.4	11:01:48
564	2025-185A	Dresden	E-Space	COM	630 x 653 x 98.0	11:02:41
565	2025-185C	Stark	E-Space	COM	629 x 650 x 98.0	11:02:41
566	2025-009J	SCOT-Digantara	Digantara/OrbAstro	EW	446 x 453 x 97.4	11:02:46
567	2025-185B	Fourier	E-Space	COM	629 x 653 x 98.0	11:02:47
568	2025-185E	Basil	E-Space	COM	630 x 653 x 98.0	11:02:48

Table 20: SSO satellites launched in 2025, ordered by local time of descending node

No	Piece	Name	Operator	Mission	Orbit	LTDN
569	2025-185F	Dojo	E-Space	COM	629 x 653 x 98.0	11:02:48
570	2025-009AY	FGN-100-d1	Fergani Space	NAV	462 x 465 x 97.4	11:03:17
571	2025-009DU	Flock 4g-19	Planet	IMG	425 x 429 x 97.4	11:03:33
572	2025-009AS	AE1c	ArkEdge	TECH	454 x 457 x 97.4	11:04:51
573	2025-009DA	ICEYE-X45	ICEYE US	IMG-R	563 x 564 x 97.8	11:06:15
574	2025-009K	AE1d	ArkEdge	TECH	439 x 445 x 97.4	11:06:18
575	2025-009M	Saturnin-1	VZ CR/VZLU	IMG	439 x 444 x 97.4	11:06:33
576	2025-009AF	Flock 4g-16	Planet	IMG	438 x 440 x 97.4	11:06:39
577	2025-009CJ	LOGSATS-2	EOS Space	COM	399 x 401 x 97.4	11:14:40
578	2025-009F	HCT-SAT-1	HCT/Rashid Space Ctr	TECH	399 x 401 x 97.4	11:15:16
579	2025-009DM	Prometheus	Minho U	TECH	411 x 414 x 97.4	11:15:16
580	2025-009CN	Skylink-1	Hello Space	COM	414 x 416 x 97.4	11:15:21
581	2025-009Y	Pelican 2	Planet	IMG	444 x 446 x 97.4	11:21:39
582	2025-009CK	HADES-R	AMSAT-EA/Hydra Space	COM	310 x 319 x 97.4	11:21:59
583	2025-009CM	HYDRA-T	AMSAT-EA/Hydra Space	COM	278 x 289 x 97.4	11:23:50
584	2025-135BB	Lyra-3	Echostar AU	COM	632 x 664 x 97.8	12:46:36
585	2025-135R	Winnebago-4	Varda Space	MGRAV	285 x 862 x 97.4	13:02:57
586	2025-135AH	PADRE	UCB/GSFC	AST	590 x 593 x 97.8	13:05:37
587	2025-135AP	Shaggy	Hubble Network/Spire	COM	588 x 592 x 97.8	13:06:03
588	2025-135AQ	ARVAKER 3	NSC	SIG	587 x 591 x 97.8	13:06:29
589	2025-135AX	VanZyl-2	Hydrosat	IMG	586 x 592 x 97.8	13:06:31
590	2025-135BH	Capella 17	Capella Space	IMG-R	593 x 601 x 97.8	13:06:34
591	2025-135AR	ARVAKER 2	NSC	SIG	587 x 591 x 97.8	13:06:34
592	2025-135AL	Lilo	Hubble Network/Endur	COM	589 x 590 x 97.8	13:06:38
593	2025-135AS	IRIDE-MS2-HEO-3	ASI/ArgoTec	IMG	585 x 590 x 97.8	13:06:47
594	2025-135AV	IRIDE-MS2-HEO-5	ASI/ArgoTec	IMG	585 x 590 x 97.8	13:06:50
595	2025-135AW	ICEYE-X52	ICEYE	IMG-R	586 x 591 x 97.8	13:06:51
596	2025-135BE	EDA-1	Loft Orbital/EarthDa	TECH	585 x 591 x 97.8	13:06:52
597	2025-135AT	IRIDE-MS2-HEO-2	ASI/ArgoTec	IMG	586 x 590 x 97.8	13:06:54
598	2025-135AN	Time Flies	TrustPoint	NAV	584 x 588 x 97.8	13:06:55
599	2025-135BA	IRIDE-MS2-HEO-6	ASI/ArgoTec	IMG	584 x 590 x 97.8	13:06:58
600	2025-135AU	ICEYE-X54	ICEYE	IMG-R	585 x 589 x 97.8	13:06:59
601	2025-135J	WISESAT-3	WiseKey	COM	506 x 511 x 97.5	13:07:03
602	2025-135BD	GRUS-3 Alpha	AXELSPACE	IMG	586 x 592 x 97.8	13:07:06
603	2025-135AJ	ADDCUBE	L3Harris SIS	TECH	584 x 586 x 97.8	13:07:11
604	2025-135AM	AE3Va	ArkEdge	COM	580 x 584 x 97.8	13:07:17
605	2025-135BG	IRIDE-MS2-HEO-4	ASI/ArgoTec	IMG	582 x 590 x 97.8	13:07:22
606	2025-135BQ	PARUS-T2	TASA	TECH	582 x 591 x 97.8	13:07:24
607	2025-135AK	Lemur-2 Krish	Spire/Mission Contro	COM/MET-RO	583 x 585 x 97.8	13:07:27
608	2025-135BP	Satoro-T3	Satoro	TECH	582 x 591 x 97.8	13:07:31
609	2025-135L	Startical IOD-2	Startical	COM	506 x 511 x 97.5	13:07:36
610	2025-135BT	Scooby	Hubble Network/Spire	COM	581 x 591 x 97.8	13:07:40
611	2025-135BM	IRIDE-MS2-HEO-8	ASI/ArgoTec	IMG	581 x 589 x 97.8	13:07:44
612	2025-135BN	BIFROST	DALO/FMV	IMG	582 x 590 x 97.8	13:07:44
613	2025-135P	Pulsar IOV	Xona	NAV	506 x 510 x 97.5	13:07:46
614	2025-135BF	ICEYE-X55	ICEYE	IMG-R	582 x 588 x 97.8	13:07:48
615	2025-135BK	IRIDE-MS2-HEO-9	ASI/ArgoTec	IMG	582 x 589 x 97.8	13:07:49
616	2025-135A	Good Ancestor Ki	Solomon KHz/Good Anc	COM	498 x 505 x 97.4	13:07:56
617	2025-135BL	Sejong-2	Hancom InSpace	IMG	578 x 586 x 97.8	13:07:56
618	2025-135H	UND ROADS 1	UND	TECH	501 x 507 x 97.5	13:07:59
619	2025-135AY	ICEYE-X56	ICEYE	IMG-R	581 x 586 x 97.8	13:08:03
620	2025-135B	Pierre	GHG	EOSCI	505 x 511 x 97.5	13:08:03
621	2025-135F	Te Punaha Atea-1	TPA Auckland	TECH	502 x 508 x 97.5	13:08:04
622	2025-135G	Connecta IOT-9	Plan-S	COM	505 x 511 x 97.5	13:08:08
623	2025-135BS	Stitch	Hubble Network/Endur	COM	581 x 590 x 97.8	13:08:08
624	2025-135S	SkyBee-AO2	ConstellR	IMG	507 x 508 x 97.5	13:08:21
625	2025-135BR	AE2a	ArkEdge	IMG	576 x 585 x 97.8	13:08:23

Table 20: SSO satellites launched in 2025, ordered by local time of descending node

No	Piece	Name	Operator	Mission	Orbit	LTDN
626	2025-135Y	BRO-18	Unseen Labs	SIG	503 x 506 x 97.4	13:08:29
627	2025-135T	ION Passionate P	D-ORBIT	TECH	504 x 507 x 97.5	13:08:36
628	2025-135K	Otter Pup 2	Starfish Space	TECH	504 x 507 x 97.5	13:08:37
629	2025-135BC	ICEYE-X57	ICEYE US	IMG-R	571 x 577 x 97.8	13:08:45
630	2025-135C	DUTHSat-2	DUTH	SCI	494 x 500 x 97.4	13:08:48
631	2025-135AZ	ION Charismatic	D-ORBIT	TECH	574 x 594 x 97.8	13:08:52
632	2025-135AD	Connecta IOT-10	Plan-S	COM	504 x 507 x 97.5	13:08:54
633	2025-135M	Elara 1	Gilmour Space	EOSCI	501 x 505 x 97.5	13:08:57
634	2025-135AA	Hyperfield-1B	Kuva Space	IMG	501 x 504 x 97.5	13:09:02
635	2025-135V	JACK-001	Cosmoworks	IMG	497 x 499 x 97.4	13:09:15
636	2025-135Z	SATMAR	Alen Space	COM	497 x 500 x 97.4	13:09:17
637	2025-135W	Valmay	GHG	EOSCI	506 x 506 x 97.5	13:09:29
638	2025-135AF	Connecta IOT-11	Plan-S	COM	502 x 506 x 97.5	13:09:29
639	2025-135U	ForgeStar-1	Space Forge	MGRAV	500 x 501 x 97.5	13:09:31
640	2025-135D	HORIS-1	ACME AtronOmatic	IMG	495 x 501 x 97.5	13:09:38
641	2025-135E	RIDU-Sat 1	UNHAN	TECH	495 x 501 x 97.5	13:09:40
642	2025-135Q	York TIDES	SDA/York Space Sys	COM	496 x 499 x 97.5	13:09:45
643	2025-135AB	Connecta IOT-12	Plan-S	COM	502 x 504 x 97.5	13:09:51
644	2025-135BU	Lemur-2 KarenDar	Spire/Lacuna Space	COM/MET-RO	570 x 580 x 97.8	13:09:52
645	2025-135AG	Quick3	DLR/NanoAvionics	TECH	493 x 500 x 97.5	13:09:56
646	2025-135X	UND ROADS 2	UND	TECH	500 x 501 x 97.5	13:10:35
647	2025-135AC	HORIS-2	ACME AtronOmatic	IMG	490 x 493 x 97.5	13:10:58
648	2025-135N	ARCSTONE	NASA LaRC	AST	485 x 489 x 97.4	13:10:59
649	2025-135AE	MOBIUS-1	Galaxia	IMG	496 x 498 x 97.5	13:11:09
650	2025-135BJ	ICEYE-X53	ICEYE	IMG-R	562 x 565 x 97.7	13:11:56
651	2025-040A	Siwei Gaojing 1-	Siwei	IMG	500 x 501 x 97.3	13:14:22
652	2025-040B	Siwei Gaojing 1-	Siwei	IMG	500 x 501 x 97.3	13:14:36
653	2025-056A	Kineis-4E	Kineis	COM	652 x 654 x 98.0	13:50:51
654	2025-056D	Kineis-4A	Kineis	COM	651 x 655 x 98.0	13:51:03
655	2025-056E	Kineis-4B	Kineis	COM	651 x 655 x 98.0	13:51:13
656	2025-056C	Kineis-4D	Kineis	COM	653 x 656 x 98.0	13:51:23
657	2025-056B	Kineis-4C	Kineis	COM	652 x 655 x 98.0	13:51:24
658	2025-180C	DGS 2-02	Junshi Kexue YY	TECH	513 x 535 x 97.5	13:58:11
659	2025-180D	DGS 2-03	Junshi Kexue YY/NUDT	TECH	513 x 535 x 97.5	13:58:19
660	2025-180B	DGS 2-01	Junshi Kexue YY	TECH	513 x 535 x 97.5	13:58:22
661	2025-180E	Tianyan-26	Navi Beidou/Tianlian	IMG	515 x 518 x 97.5	13:59:07
662	2025-180A	AIRSAT-05	Zhongke Weixing	IMG-R	502 x 521 x 97.5	14:00:00
663	2025-128A	Zhangheng 1-02	CAS	SCI	494 x 511 x 97.3	14:03:54
664	2025-055E	Yunyao-1 59	Yunyao yuhang	MET-RO	515 x 534 x 97.6	14:38:19
665	2025-055F	Yunyao-1 60	Yunyao yuhang	MET-RO	517 x 533 x 97.6	14:38:30
666	2025-055D	Yunyao-1 58	Yunyao yuhang	MET-RO	514 x 535 x 97.6	14:38:36
667	2025-055A	Yunyao-1 55	Yunyao yuhang	MET-RO	514 x 535 x 97.6	14:38:54
668	2025-055B	Yunyao-1 56	Yunyao yuhang	MET-RO	506 x 521 x 97.6	14:43:00
669	2025-055C	Yunyao-1 57	Yunyao yuhang	MET-RO	506 x 521 x 97.6	14:43:16
670	2025-055G	AIRSAT-06	Zhongke Weixing/Jiga	IMG	499 x 511 x 97.6	14:45:31
671	2025-055H	AIRSAT-07	Zhongke Weixing/Jiga	IMG	481 x 493 x 97.6	14:50:08
672	2025-297B	RAISE-4	JAXA	TECH	534 x 552 x 97.5	15:28:23
673	2025-140A	Lyra 4	Echostar AU	COM	646 x 662 x 96.0	15:55:44
674	2025-013C	Yunyao-1 39	Yunyao yuhang	MET-RO	525 x 546 x 97.6	16:39:39
675	2025-013B	Yunyao-1 38	Yunyao yuhang	MET-RO	526 x 545 x 97.6	16:40:26
676	2025-013E	Jitianxing A-05	Jitian Xingzhou	IMG	530 x 543 x 97.6	16:40:31
677	2025-013D	Yunyao-1 40	Yunyao yuhang	MET-RO	529 x 542 x 97.6	16:40:39
678	2025-013A	Yunyao-1 37	Yunyao yuhang	MET-RO	480 x 494 x 97.6	17:00:28
679	2025-059B	Yunyao-1 44	Yunyao yuhang	MET-RO	525 x 547 x 97.6	17:31:36
680	2025-059A	Yunyao-1 43	Yunyao yuhang	MET-RO	527 x 546 x 97.6	17:31:42
681	2025-059D	Yunyao-1 46	Yunyao yuhang	MET-RO	529 x 544 x 97.6	17:31:46
682	2025-059E	Yunyao-1 47	Yunyao yuhang	MET-RO	525 x 546 x 97.6	17:31:49

Table 20: SSO satellites launched in 2025, ordered by local time of descending node

No	Piece	Name	Operator	Mission	Orbit	LTDN
683	2025-059C	Yunhao-1 45	Yunhao yuhang	MET-RO	525 x 547 x 97.6	17:32:08
684	2025-059F	Yunhao-1 48	Yunhao yuhang	MET-RO	525 x 545 x 97.6	17:32:08
685	2025-197A	Kaiyun-1	CreatUnion	TECH	528 x 548 x 97.4	17:50:12
686	2025-047E	PUNCH-WFI-2	SWRI/GSFC	AST	642 x 655 x 98.0	17:52:45
687	2025-047C	PUNCH-WFI-1	SWRI/GSFC	AST	641 x 654 x 98.0	17:53:31
688	2025-047D	PUNCH-WFI-3	SWRI/GSFC	AST	642 x 653 x 98.0	17:53:39
689	2025-047B	PUNCH-NFI	SWRI/GSFC	AST	642 x 653 x 98.0	17:54:23
690	2025-047A	SPHEREX	JPL	AST	639 x 653 x 98.0	17:54:44
691	2025-197B	Zhixin-1	Harbin	TECH	491 x 510 x 97.4	17:56:48
692	2025-197C	Yunhao-1 27	Yunhao yuhang	TECH	486 x 507 x 97.4	17:57:36
693	2025-090A	Biomass	ESA	EOSCI	668 x 669 x 98.1	18:00:15
694	2025-163A	NISAR	ISRO/JPL	IMG-R	749 x 751 x 98.4	18:01:38
695	2025-194A	Starlink 35142	SpaceX/Seattle	COM	548 x 550 x 97.6	19:47:45
696	2025-194E	Starlink 35068	SpaceX/Seattle	COM	548 x 550 x 97.6	19:47:46
697	2025-194S	Starlink 34970	SpaceX/Seattle	COM	548 x 550 x 97.6	19:47:48
698	2025-194X	Starlink 34728	SpaceX/Seattle	COM	548 x 550 x 97.6	19:47:51
699	2025-194H	Starlink 35065	SpaceX/Seattle	COM	548 x 550 x 97.6	19:47:52
700	2025-194Z	Starlink 35076	SpaceX/Seattle	COM	548 x 550 x 97.6	19:47:53
701	2025-194K	Starlink 34678	SpaceX/Seattle	COM	548 x 550 x 97.6	19:47:55
702	2025-194U	Starlink 35084	SpaceX/Seattle	COM	548 x 550 x 97.6	19:47:57
703	2025-194Q	Starlink 35030	SpaceX/Seattle	COM	547 x 550 x 97.6	19:47:59
704	2025-194L	Starlink 35049	SpaceX/Seattle	COM	547 x 550 x 97.6	19:48:03
705	2025-194T	Starlink 35039	SpaceX/Seattle	COM	547 x 551 x 97.6	19:48:04
706	2025-194M	Starlink 35029	SpaceX/Seattle	COM	547 x 550 x 97.6	19:48:06
707	2025-194F	Starlink 35045	SpaceX/Seattle	COM	547 x 550 x 97.6	19:48:07
708	2025-194N	Starlink 34991	SpaceX/Seattle	COM	547 x 551 x 97.6	19:48:11
709	2025-194D	Starlink 35080	SpaceX/Seattle	COM	547 x 550 x 97.6	19:48:12
710	2025-194J	Starlink 34679	SpaceX/Seattle	COM	547 x 551 x 97.6	19:48:14
711	2025-194B	Starlink 34978	SpaceX/Seattle	COM	547 x 551 x 97.6	19:48:15
712	2025-194P	Starlink 34920	SpaceX/Seattle	COM	547 x 551 x 97.6	19:48:17
713	2025-194G	Starlink 35050	SpaceX/Seattle	COM	547 x 551 x 97.6	19:48:18
714	2025-194Y	Starlink 35005	SpaceX/Seattle	COM	547 x 551 x 97.6	19:48:20
715	2025-194R	Starlink 35009	SpaceX/Seattle	COM	548 x 550 x 97.6	19:48:21
716	2025-194W	Starlink 35059	SpaceX/Seattle	COM	563 x 567 x 97.6	19:51:48
717	2025-152A	Starlink 34723	SpaceX/Seattle	COM	548 x 550 x 97.6	19:52:15
718	2025-152D	Starlink 34706	SpaceX/Seattle	COM	548 x 550 x 97.6	19:52:17
719	2025-152M	Starlink 34676	SpaceX/Seattle	COM	547 x 551 x 97.6	19:52:19
720	2025-152K	Starlink 34722	SpaceX/Seattle	COM	548 x 550 x 97.6	19:52:21
721	2025-152U	Starlink 34570	SpaceX/Seattle	COM	548 x 550 x 97.6	19:52:22
722	2025-152C	Starlink 34709	SpaceX/Seattle	COM	548 x 550 x 97.6	19:52:23
723	2025-152B	Starlink 34725	SpaceX/Seattle	COM	548 x 550 x 97.6	19:52:26
724	2025-152J	Starlink 34757	SpaceX/Seattle	COM	547 x 550 x 97.6	19:52:27
725	2025-152P	Starlink 34631	SpaceX/Seattle	COM	548 x 550 x 97.6	19:52:29
726	2025-194C	Starlink 35043	SpaceX/Seattle	COM	562 x 568 x 97.6	19:52:30
727	2025-152L	Starlink 34564	SpaceX/Seattle	COM	547 x 550 x 97.6	19:52:31
728	2025-152F	Starlink 34746	SpaceX/Seattle	COM	547 x 551 x 97.6	19:52:34
729	2025-152E	Starlink 34736	SpaceX/Seattle	COM	547 x 551 x 97.6	19:52:35
730	2025-152R	Starlink 34683	SpaceX/Seattle	COM	548 x 550 x 97.6	19:52:37
731	2025-152Y	Starlink 34628	SpaceX/Seattle	COM	547 x 551 x 97.6	19:52:39
732	2025-152G	Starlink 34748	SpaceX/Seattle	COM	548 x 550 x 97.6	19:52:41
733	2025-152W	Starlink 34684	SpaceX/Seattle	COM	547 x 551 x 97.6	19:52:42
734	2025-152Z	Starlink 34544	SpaceX/Seattle	COM	547 x 551 x 97.6	19:52:43
735	2025-152S	Starlink 34654	SpaceX/Seattle	COM	547 x 551 x 97.6	19:52:46
736	2025-152X	Starlink 34690	SpaceX/Seattle	COM	547 x 551 x 97.6	19:52:47
737	2025-152N	Starlink 34682	SpaceX/Seattle	COM	547 x 551 x 97.6	19:52:47
738	2025-152T	Starlink 34575	SpaceX/Seattle	COM	548 x 550 x 97.6	19:52:51
739	2025-152Q	Starlink 34578	SpaceX/Seattle	COM	547 x 551 x 97.6	19:52:52

Table 20: SSO satellites launched in 2025, ordered by local time of descending node

No	Piece	Name	Operator	Mission	Orbit	LTDN
740	2025-194V	Starlink 34988	SpaceX/Seattle	COM	561 x 564 x 97.6	19:53:38
741	2025-152H	Starlink 34756	SpaceX/Seattle	COM	560 x 565 x 97.6	19:53:53
742	2025-152V	Starlink 34651	SpaceX/Seattle	COM	561 x 564 x 97.6	19:54:36
743	2025-218A	Starlink 35330	SpaceX/Seattle	COM	547 x 551 x 97.6	20:22:02
744	2025-218K	Starlink 35300	SpaceX/Seattle	COM	547 x 551 x 97.6	20:22:04
745	2025-218N	Starlink 35286	SpaceX/Seattle	COM	547 x 551 x 97.6	20:22:05
746	2025-218D	Starlink 35378	SpaceX/Seattle	COM	547 x 551 x 97.6	20:22:07
747	2025-218P	Starlink 35266	SpaceX/Seattle	COM	547 x 551 x 97.6	20:22:08
748	2025-218Q	Starlink 35273	SpaceX/Seattle	COM	547 x 551 x 97.6	20:22:10
749	2025-218E	Starlink 35406	SpaceX/Seattle	COM	547 x 551 x 97.6	20:22:11
750	2025-218J	Starlink 35357	SpaceX/Seattle	COM	547 x 551 x 97.6	20:22:13
751	2025-218S	Starlink 35285	SpaceX/Seattle	COM	548 x 550 x 97.6	20:22:14
752	2025-218H	Starlink 35414	SpaceX/Seattle	COM	548 x 551 x 97.6	20:22:16
753	2025-218R	Starlink 35047	SpaceX/Seattle	COM	547 x 551 x 97.6	20:22:18
754	2025-218T	Starlink 34580	SpaceX/Seattle	COM	548 x 550 x 97.6	20:22:19
755	2025-218B	Starlink 35373	SpaceX/Seattle	COM	547 x 551 x 97.6	20:22:20
756	2025-218M	Starlink 34919	SpaceX/Seattle	COM	547 x 551 x 97.6	20:22:22
757	2025-218U	Starlink 35289	SpaceX/Seattle	COM	547 x 551 x 97.6	20:22:23
758	2025-218F	Starlink 35390	SpaceX/Seattle	COM	548 x 550 x 97.6	20:22:25
759	2025-218W	Starlink 35224	SpaceX/Seattle	COM	548 x 550 x 97.6	20:22:27
760	2025-218V	Starlink 35268	SpaceX/Seattle	COM	548 x 550 x 97.6	20:22:28
761	2025-218C	Starlink 35383	SpaceX/Seattle	COM	548 x 550 x 97.6	20:22:30
762	2025-218L	Starlink 35296	SpaceX/Seattle	COM	547 x 551 x 97.6	20:22:32
763	2025-218X	Starlink 35271	SpaceX/Seattle	COM	547 x 551 x 97.6	20:22:33
764	2025-218G	Starlink 35412	SpaceX/Seattle	COM	547 x 551 x 97.6	20:22:35
765	2025-218Y	Starlink 35215	SpaceX/Seattle	COM	547 x 551 x 97.6	20:22:36
766	2025-218Z	Starlink 35157	SpaceX/Seattle	COM	548 x 551 x 97.6	20:22:38
767	2025-158W	Starlink 34744	SpaceX/Seattle	COM	548 x 550 x 97.6	20:26:31
768	2025-158Y	Starlink 34761	SpaceX/Seattle	COM	548 x 550 x 97.6	20:26:35
769	2025-158A	Starlink 34705	SpaceX/Seattle	COM	548 x 550 x 97.6	20:26:36
770	2025-158T	Starlink 34689	SpaceX/Seattle	COM	548 x 550 x 97.6	20:26:36
771	2025-158N	Starlink 34373	SpaceX/Seattle	COM	548 x 550 x 97.6	20:26:40
772	2025-158E	Starlink 34529	SpaceX/Seattle	COM	548 x 550 x 97.6	20:26:41
773	2025-158B	Starlink 34737	SpaceX/Seattle	COM	547 x 551 x 97.6	20:26:42
774	2025-158U	Starlink 34586	SpaceX/Seattle	COM	547 x 551 x 97.6	20:26:43
775	2025-158C	Starlink 34775	SpaceX/Seattle	COM	547 x 551 x 97.6	20:26:46
776	2025-158F	Starlink 34743	SpaceX/Seattle	COM	548 x 551 x 97.6	20:26:48
777	2025-158R	Starlink 34747	SpaceX/Seattle	COM	547 x 551 x 97.6	20:26:49
778	2025-158P	Starlink 34758	SpaceX/Seattle	COM	547 x 551 x 97.6	20:26:52
779	2025-158Z	Starlink 34732	SpaceX/Seattle	COM	548 x 551 x 97.6	20:26:54
780	2025-158Q	Starlink 34753	SpaceX/Seattle	COM	547 x 551 x 97.6	20:26:54
781	2025-158M	Starlink 34719	SpaceX/Seattle	COM	547 x 551 x 97.6	20:26:57
782	2025-158D	Starlink 34726	SpaceX/Seattle	COM	547 x 551 x 97.6	20:26:59
783	2025-158K	Starlink 34740	SpaceX/Seattle	COM	548 x 550 x 97.6	20:27:00
784	2025-158L	Starlink 34742	SpaceX/Seattle	COM	547 x 551 x 97.6	20:27:01
785	2025-158V	Starlink 34738	SpaceX/Seattle	COM	548 x 550 x 97.6	20:27:02
786	2025-158X	Starlink 34701	SpaceX/Seattle	COM	548 x 550 x 97.6	20:27:05
787	2025-158S	Starlink 34630	SpaceX/Seattle	COM	548 x 550 x 97.6	20:27:06
788	2025-158G	Starlink 34730	SpaceX/Seattle	COM	547 x 551 x 97.6	20:27:07
789	2025-158H	Starlink 34714	SpaceX/Seattle	COM	548 x 550 x 97.6	20:27:08
790	2025-158J	Starlink 34755	SpaceX/Seattle	COM	560 x 565 x 97.6	20:30:35
791	2025-191E	Starlink 35054	SpaceX/Seattle	COM	547 x 551 x 97.6	20:56:19
792	2025-191M	Starlink 35083	SpaceX/Seattle	COM	547 x 551 x 97.6	20:56:21
793	2025-191T	Starlink 34811	SpaceX/Seattle	COM	547 x 551 x 97.6	20:56:22
794	2025-191A	Starlink 34985	SpaceX/Seattle	COM	548 x 550 x 97.6	20:56:23
795	2025-191V	Starlink 34931	SpaceX/Seattle	COM	548 x 550 x 97.6	20:56:25
796	2025-191L	Starlink 34993	SpaceX/Seattle	COM	548 x 551 x 97.6	20:56:26

Table 20: SSO satellites launched in 2025, ordered by local time of descending node

No	Piece	Name	Operator	Mission	Orbit	LTDN
797	2025-191F	Starlink 35012	SpaceX/Seattle	COM	548 x 550 x 97.6	20:56:27
798	2025-191S	Starlink 35094	SpaceX/Seattle	COM	548 x 550 x 97.6	20:56:29
799	2025-191R	Starlink 35058	SpaceX/Seattle	COM	548 x 550 x 97.6	20:56:31
800	2025-191D	Starlink 35032	SpaceX/Seattle	COM	548 x 550 x 97.6	20:56:32
801	2025-191Q	Starlink 35097	SpaceX/Seattle	COM	548 x 551 x 97.6	20:56:34
802	2025-191W	Starlink 34836	SpaceX/Seattle	COM	547 x 550 x 97.6	20:56:36
803	2025-191G	Starlink 35073	SpaceX/Seattle	COM	548 x 550 x 97.6	20:56:37
804	2025-191U	Starlink 34940	SpaceX/Seattle	COM	548 x 551 x 97.6	20:56:39
805	2025-191J	Starlink 34703	SpaceX/Seattle	COM	547 x 551 x 97.6	20:56:40
806	2025-191Y	Starlink 34909	SpaceX/Seattle	COM	547 x 551 x 97.6	20:56:42
807	2025-191B	Starlink 35051	SpaceX/Seattle	COM	547 x 551 x 97.6	20:56:43
808	2025-191Z	Starlink 34848	SpaceX/Seattle	COM	547 x 551 x 97.6	20:56:45
809	2025-191N	Starlink 34786	SpaceX/Seattle	COM	547 x 550 x 97.6	20:56:47
810	2025-191H	Starlink 35066	SpaceX/Seattle	COM	547 x 551 x 97.6	20:56:48
811	2025-191X	Starlink 34876	SpaceX/Seattle	COM	547 x 551 x 97.6	20:56:50
812	2025-191K	Starlink 34957	SpaceX/Seattle	COM	547 x 551 x 97.6	20:56:51
813	2025-191C	Starlink 35028	SpaceX/Seattle	COM	547 x 551 x 97.6	20:56:53
814	2025-191P	Starlink 35082	SpaceX/Seattle	COM	547 x 551 x 97.6	20:56:55
815	2025-175A	Starlink 34956	SpaceX/Seattle	COM	548 x 550 x 97.6	21:00:49
816	2025-175B	Starlink 34949	SpaceX/Seattle	COM	547 x 551 x 97.6	21:00:50
817	2025-175C	Starlink 34707	SpaceX/Seattle	COM	548 x 551 x 97.6	21:00:52
818	2025-175D	Starlink 34967	SpaceX/Seattle	COM	548 x 551 x 97.6	21:00:53
819	2025-175E	Starlink 34929	SpaceX/Seattle	COM	548 x 550 x 97.6	21:00:55
820	2025-175H	Starlink 34942	SpaceX/Seattle	COM	547 x 551 x 97.6	21:00:56
821	2025-175F	Starlink 34932	SpaceX/Seattle	COM	548 x 550 x 97.6	21:00:58
822	2025-175G	Starlink 34862	SpaceX/Seattle	COM	547 x 550 x 97.6	21:01:00
823	2025-175J	Starlink 34944	SpaceX/Seattle	COM	548 x 550 x 97.6	21:01:01
824	2025-175K	Starlink 34939	SpaceX/Seattle	COM	547 x 551 x 97.6	21:01:03
825	2025-175L	Starlink 34947	SpaceX/Seattle	COM	547 x 551 x 97.6	21:01:04
826	2025-175M	Starlink 34945	SpaceX/Seattle	COM	547 x 551 x 97.6	21:01:06
827	2025-175P	Starlink 34915	SpaceX/Seattle	COM	547 x 551 x 97.6	21:01:07
828	2025-175N	Starlink 34965	SpaceX/Seattle	COM	547 x 551 x 97.6	21:01:09
829	2025-175Q	Starlink 34972	SpaceX/Seattle	COM	547 x 551 x 97.6	21:01:11
830	2025-175R	Starlink 34866	SpaceX/Seattle	COM	547 x 551 x 97.6	21:01:12
831	2025-175S	Starlink 34917	SpaceX/Seattle	COM	547 x 551 x 97.6	21:01:14
832	2025-175T	Starlink 34948	SpaceX/Seattle	COM	548 x 551 x 97.6	21:01:14
833	2025-175U	Starlink 34955	SpaceX/Seattle	COM	547 x 551 x 97.6	21:01:17
834	2025-175V	Starlink 34950	SpaceX/Seattle	COM	548 x 550 x 97.6	21:01:18
835	2025-175Y	Starlink 34927	SpaceX/Seattle	COM	547 x 551 x 97.6	21:01:20
836	2025-175Z	Starlink 34952	SpaceX/Seattle	COM	547 x 551 x 97.6	21:01:22
837	2025-175X	Starlink 34928	SpaceX/Seattle	COM	547 x 551 x 97.6	21:01:23
838	2025-175W	Starlink 34926	SpaceX/Seattle	COM	547 x 551 x 97.6	21:01:25
839	2025-052AM	Buccaneer-MM	U. NSW/DSTO	TECH	583 x 589 x 97.7	22:18:16
840	2025-052AU	ARVAKER 1	NSC	SIG	584 x 587 x 97.7	22:18:59
841	2025-052AL	PANDORE	U-Space	TECH	582 x 588 x 97.7	22:19:06
842	2025-052AT	UVSQ-Sat NG	LATMOS	EOSCI	581 x 586 x 97.7	22:19:30
843	2025-052AJ	HERMES Pathfinder	ASI	AST	501 x 510 x 97.4	22:19:33
844	2025-052AY	FireSat0	Muon Space	IMG	587 x 590 x 97.7	22:19:34
845	2025-052AC	OrbAstro-TR5	OrbAstro/Liftero	TECH	501 x 509 x 97.4	22:19:39
846	2025-052BC	HYVRID	Yonsei U	TECH	582 x 587 x 97.7	22:19:46
847	2025-052AN	Lemur-2 Leia-Phi	Spire	COM/MET-RO	576 x 582 x 97.7	22:20:00
848	2025-052AV	ICEYE-X48	ICEYE US	IMG-R	575 x 579 x 97.7	22:20:03
849	2025-052Z	LizzieSat-3	Sidus Space	TECH	502 x 509 x 97.4	22:20:13
850	2025-052AR	EZIE-C	APL/JPL	SCI	578 x 582 x 97.7	22:20:21
851	2025-052AP	EZIE-A	APL/JPL	SCI	578 x 582 x 97.7	22:20:36
852	2025-052BA	ICEYE-X46	ICEYE	IMG-R	581 x 583 x 97.7	22:20:46
853	2025-052AS	EZIE-B	APL/JPL	SCI	578 x 582 x 97.7	22:20:49

Table 20: SSO satellites launched in 2025, ordered by local time of descending node

No	Piece	Name	Operator	Mission	Orbit	LTDN
854	2025-052AX	ICEYE-X50	ICEYE	IMG-R	582 x 584 x 97.7	22:20:59
855	2025-052AQ	Lemur-2 Lia-Mart	Spire	COM/MET-RO	576 x 580 x 97.7	22:21:15
856	2025-052AB	OTP-2	Rogue Space	TECH	497 x 504 x 97.4	22:21:19
857	2025-052BK	HERMES Pathfinde	ASI	AST	499 x 507 x 97.4	22:21:19
858	2025-052M	Tevel 2-1	Tel Aviv U./ISA	COM	502 x 505 x 97.4	22:21:22
859	2025-052BG	Lemur-2 TheFalco	Spire	COM/MET-RO	577 x 581 x 97.7	22:21:34
860	2025-052BF	SOAP	U-Space	TECH	576 x 582 x 97.7	22:21:41
861	2025-052V	SpaceEye-T	SatRec Initiative	IMG	500 x 505 x 97.4	22:22:07
862	2025-052S	Etihad-SAT	Rashid Space Ctr	IMG-R	501 x 506 x 97.4	22:22:16
863	2025-052U	RAPSat-1A	NearSpaceLaunch	TECH	498 x 503 x 97.4	22:22:21
864	2025-052AA	Tomorrow-S5	Tomorrow.io	MET	499 x 507 x 97.4	22:22:26
865	2025-052BB	Lemur-2 Deloitte	Spire/Deloitte	COM/MET-RO	578 x 578 x 97.7	22:22:27
866	2025-052BP	HERMES Pathfinde	ASI	AST	488 x 494 x 97.4	22:22:35
867	2025-052AH	RAPSat-1B	NearSpaceLaunch	TECH	489 x 497 x 97.4	22:22:45
868	2025-052Y	Sphinx	Vestigo/Astro Digita	TECH	497 x 503 x 97.4	22:22:51
869	2025-052P	DROID.002	Turion Space	TECH	500 x 503 x 97.4	22:22:57
870	2025-052R	Tomorrow-S6	Tomorrow.io	MET	500 x 505 x 97.4	22:23:07
871	2025-052BD	Lemur-2 EmersonR	Spire	COM/MET-RO	572 x 576 x 97.7	22:23:33
872	2025-052X	M-SEL	MITRE	TECH	493 x 498 x 97.4	22:23:36
873	2025-052N	Aerocube 18B	AERO	TECH	496 x 500 x 97.4	22:24:07
874	2025-052BH	Lemur-2 Balto	Spire	COM/MET-RO	570 x 574 x 97.7	22:24:10
875	2025-052L	Aerocube 18A	AERO	TECH	497 x 500 x 97.4	22:24:10
876	2025-052BE	Lemur-2 Marache-	Spire	COM/MET-RO	570 x 574 x 97.7	22:24:11
877	2025-052G	Botsat-1	BIUST	TECH	492 x 493 x 97.4	22:24:18
878	2025-052AG	Al Munther	Bahrain NSSA	TECH	482 x 490 x 97.4	22:25:03
879	2025-052BQ	HERMES Pathfinde	ASI	AST	490 x 495 x 97.4	22:25:06
880	2025-052AZ	ICEYE-X51	ICEYE US	IMG-R	562 x 565 x 97.7	22:25:22
881	2025-052AK	HERMES Pathfinde	ASI	AST	484 x 488 x 97.4	22:26:14
882	2025-052BR	HERMES Pathfinde	ASI	AST	479 x 485 x 97.4	22:26:17
883	2025-052AF	Tevel 2-3	Tel Aviv U./ISA	COM	482 x 489 x 97.4	22:26:19
884	2025-052AE	ORCA-2b	DARPA?	CAL	482 x 489 x 97.4	22:26:23
885	2025-052AD	Tevel 2-4	Tel Aviv U./ISA	COM	481 x 489 x 97.4	22:26:32
886	2025-052K	RAPSat-1C	NearSpaceLaunch	TECH	479 x 481 x 97.4	22:27:57
887	2025-052H	Tevel 2-7	Tel Aviv U./ISA	COM	479 x 481 x 97.4	22:27:58
888	2025-052J	NILA	Hex20Labs	TECH	479 x 481 x 97.4	22:27:59
889	2025-052W	ION Marvelous Ma	D-ORBIT	TECH	471 x 501 x 97.4	22:28:18
890	2025-052F	Tevel 2-8	Tel Aviv U./ISA	COM	479 x 480 x 97.4	22:28:51
891	2025-052E	Tevel 2-2	Tel Aviv U./ISA	COM	479 x 479 x 97.4	22:28:55
892	2025-052D	Tevel 2-9	Tel Aviv U./ISA	COM	478 x 479 x 97.4	22:28:59
893	2025-052A	JinjuSat-1B	KTL	IMG	479 x 482 x 97.4	22:30:24
894	2025-052B	NUSHSat 1	NUS High School	TECH	475 x 477 x 97.4	22:31:08
895	2025-052BT	Unicorn-2P	Alba Orbital	IMG	394 x 402 x 97.4	22:35:47
896	2025-052BS	Unicorn-2O	Alba Orbital	IMG	375 x 383 x 97.4	22:37:26
897	2025-052C	Startical IOD-1	Startical	COM	447 x 448 x 97.4	22:38:04
898	2025-052BN	HADES-ICM	Hydra Space/Interste	COM	425 x 431 x 97.4	22:39:17
899	2025-052BL	HYDRA-W	Hydra Space	COM	417 x 422 x 97.4	22:40:55
900	2025-052AW	YAM-8	Loft Orbital	TECH	533 x 537 x 97.7	22:44:39
901	2025-052T	Clarity-1	Albedo Space	IMG	345 x 348 x 97.4	23:17:53

6.4 New geosynchronous satellites in 2025

Table 21 lists geosynchronous satellites launched or reaching GEO for the first time during 2025 (some from the immediately preceding December are also included, so there is a little overlap with last year's report). The locations given are their positions at the end of the year.

UtilitySat was stranded in elliptical transfer orbit and likely will never enter service.

Table 21: Geostationary satellites launched in 2025, ordered by longitude

Piece	Name	Operator	Location	Mission
2025-122A	SXM-10	Sirius XM	116.16W	Communications
2024-234A	SXM-9	Sirius XM	85.12W	Communications
2024-252D	NuView Bravo	Astranis UK/Anuvu	83.11W	Communications
2024-252B	NuView Alpha	Astranis UK/Anuvu	83.08W	Communications
2025-148A	Dror 1	ISA	4.01W	Communications
2025-143A	Meteosat 13	EUMETSAT	3.42W	Weather
2025-017A	Tongxin Jishu Shiyan 14	PLA SSF	18.38E	Early Warn?
2025-084A	Tian Lian 2-05	CAST	20.34E	Communications
2025-021A	Spainsat NG-1	Hisdesat	29.04E	Communications
2025-001A	Thuraya 4-NGS	Space42/Thuraya	44.30E	Communications
2025-238A	Tongxin Jishu Shiyan 20	PLA GAD/CAST	62.38E	Sigint
2025-290A	Tongxin Jishu Shiyan 22	PLA GAD/SAST	66.48E	Sigint
2025-062A	Tian Lian 2-04	CAST	79.84E	Communications
2025-132A	Zhongxing 9C	CAST	92.16E	Communications
2025-249B	CMS-03	ISRO	93.56E	Communications
2025-045A	Tongxin Jishu Shiyan 15	PLA SSF	94.31E	Sigint
2025-196A	Shiyan 29	CNSA	98.83E	Technology
2025-036A	Zhongxing 10R	China Satcom	110.53E	Communications
2025-131C	Kosmos-2590	Reshetnev ISS	116.00E	Technology
2025-277A	Shi Jian 28	PLA SSF	116.87E	Technology
2025-002A	Shi Jian 25	SAST	126.59E	Technology
2025-097A	Tongxin Jishu Shiyan 19	SAST	141.23E	Technology
2024-246A	Tongxin Jishu Shiyan 12	PLA SSF	146.53E	Early Warn?
2024-252C	AGILA	Astranis UK/Orbits Corp	152.14E	Communications
2025-064A	Tongxin Jishu Shiyan 16	PLA SSF	160.51E	Technology
2025-073A	Tongxin Jishu Shiyan 17	PLA SSF	164.53E	Sigint
2025-106A	Zhongxing 3B	PLA SSF	167.30E	Communications
2025-306A	Tongxin Jishu Shiyan 23	PLA GAD/CAST	175.50E	Sigint?
2024-252A	UtilitySat	Spacing Guild UK	Drift orbit	Communications
2025-131A	Kosmos-2589	Reshetnev ISS	Orbit raising	Technology
2025-173A	NTS 3	USSF	Drift orbit	Navigation
2025-173B	USA 554	USSF	Drift orbit	Technology
2025-205A	Nusantara Lima	SNT	Orbit raising	Communications
2025-312A	Feng Yun 4C	CNMSC	Orbit raising	Weather
2025-315A	Shi Jian 29A	PLA SSF	Orbit raising	Technology
2025-261A	Viasat-3 EMEA	ViaSat	Orbit raising	Communications

6.5 Retirements in the GEO belt

The GEO graveyard is taken to be 300 km or more above GEO (GEO is at 35786 km height.) Counts of objects in various regimes are shown below. The category 'Below GPZ' is defined to be objects 300 km or more below GEO. That is to say, 'Graveyard' is 36086 km or above, 'Below GPZ' is 35486 km or below.

GEO and the GEO Graveyard

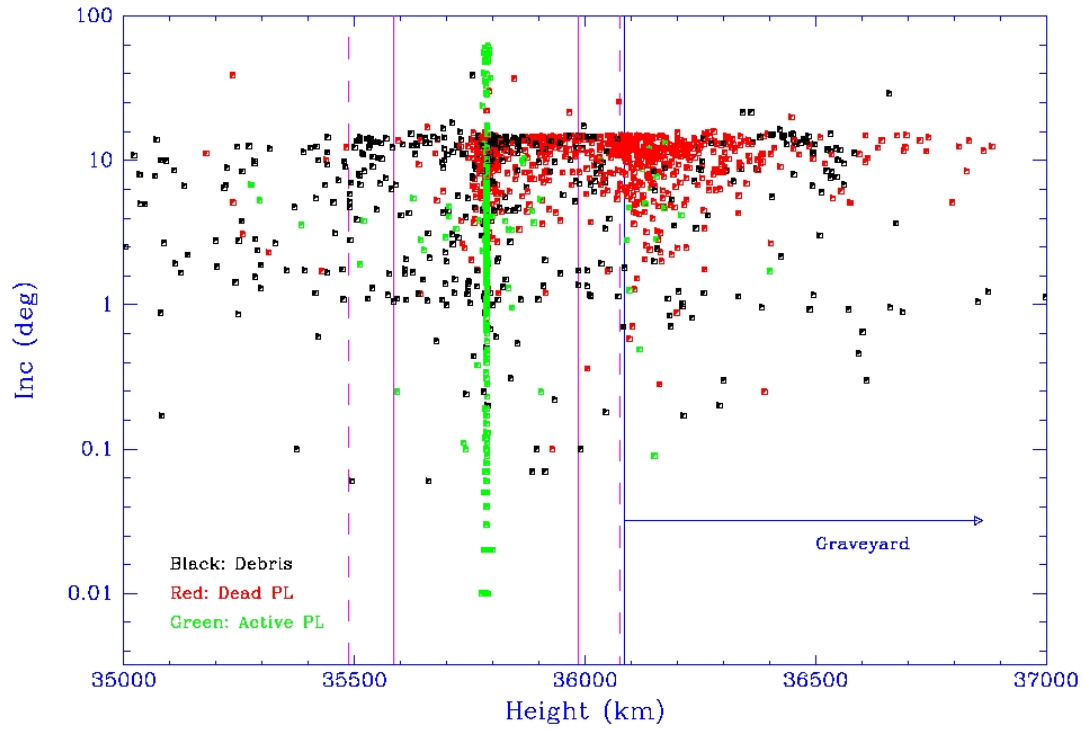


Figure 8: The figure shows log of orbital inclination vs orbital height for objects in the GEO region as of Jan 2021. Eccentricities are neglected. Active satellites (green), dead payloads (red) and debris (black) are indicated. The solid magenta lines are the GEO Protected Zone (GPZ = GEO+/-200 km). Dashed magenta lines are GPZ +/- 100 km (GEO +/- 300 km) used in the results table. Blue line (GEO+300 km) indicates start of the GEO graveyard.

The recommended GEO graveyard orbit begins at an altitude of 36086 km, 300 km above GEO. The table gives perigee and apogee altitude minus the GEO height of 35786 km, and is ordered by perigee.

During 2025, 15 satellites were retired from GEO; however 2 failed to reach the recommended 300 km 'graveyard' clearance above GEO.

Table 22: GEO Population

	Active payloads	Dead payloads	Debris
Below GPZ	5	19	97
GPZ+-100	616	380	292
Graveyard	18	380	121
Total	639	779	510

Table 23: GEO retirements

ID	Satellite	Retired	Height above GEO in Jan 2026	Notes Notes
2007-044A	Optus D2	2025 Aug 27	246 x 278	
2007-031A	Zhongxing 6B	2025 Dec 2	299 x 387	
2007-036B	BSAT-3A	2025 Feb 13	302 x 340	
2014-058A	Luch	2025 Oct 22	313 x 340	
2000-001A	DSCS III B-8	2025 Jun 9	313 x 344	
2007-044B	Intelsat IS-11	2025 Mar 31	314 x 379	
2008-038B	AMC 21	2025 Dec 20	323 x 370	
2002-055A	TDRS 10	2025 Aug 15	331 x 471	
2010-002A	Raduga-1M	2025 Feb 21	334 x 407	
2005-005A	XTAR-EUR	2025 Aug 19	338 x 384	
2003-034A	Echostar IX	2025 Jul 21	345 x 401	
2005-008A	XM-3	2025 Nov 12	359 x 390	
1998-050A	Astra 2A	2025 May 14	376 x 541	
2001-024A	INTELSAT 901	2025 Apr 3	408 x 417	
2015-018A	IRNSS-R1D	2025 Jul 14	622 x 701	
Newly cataloged near-GEO debris				
2025-045C	TJS 15 apogee motor?	2025 Mar 12?	324 x 468	
2025-073C	TJS 17 apogee motor?	2025 Apr 14?	358 x 442	
2025-097C	TJS 19 apogee motor?	2025 May 14?	347 x 467	
2023-140E	deb Centaur AV-102	2025 Jun?	414 x 614	
2023-140F	deb Centaur AV-102	2025 Jun?	414 x 614	
2025-131B	Briz-M No. 88803	2025 Jun 19	-17034 x 14776	
2025-173C	Centaur V-003	2025 Aug 13?	-86 x 114	
2025-173D	USSF-106 adapter	2025 Aug 13?	-86 x 114	
2024-134E	USSF-51 adapter?	2025 Sep?	365 x 485	
2024-134F	USSF-51 adapter?	2025 Sep?	309 x 541	
2024-134G	USSF-51 adapter?	2025 Sep?	6 x 849	
2025-002C	Shi Jian 25 adapter?	2025 Dec 22	-156 x 212	

6.6 Debris events

There was only one new significant breakup during 2025: the loss of Starlink-35956 due to a poorly understood internal event. No objects have yet been cataloged from the event.

The table indicates the number of objects cataloged so far from each, but note that often more objects are cataloged in later years following an event.

Table 24: Breakups and debris events 2025

Event date	Source object		Cataloged debris	Event orbit	
2025 Dec 18 0140?	S66629	Starlink-35956	0	418 x 419 x 53.16	Unknown

In addition, more fragments were cataloged from the earlier breakups. See the debris catalog [16] at

<https://planet4589.org/space/debris/debriscat/debris.html>

7 Acknowledgements

The bulk of the data presented here are extracted from my satellite and launch database, generated from open source media reports combined with analysis of US Space-Track orbital elements. The analysis has benefited from the opinions of many colleagues.

The author is an employee of the Smithsonian Institution, but the work reported here was performed independently and does not represent the views of the Smithsonian.

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Appendix 1: 2025 Orbital Launch Attempts

LAUNCH ID	Launch date UTC	Launch vehicle	LV Flight ID	Site	Agency
2025-001	2025 Jan 4 0127	Falcon 9	415/B1073.20 F419	CC LC40	SPX
2025-002	2025 Jan 6 2000	Chang Zheng 3B	Y104	XSC LC3	CALT
2025-003	2025 Jan 6 2043:59	Falcon 9	421/B1077.17 F420	CC LC40	SPX
2025-004	2025 Jan 8 1527:00	Falcon 9	422/B1086.3 F421	KSC LC39A	SPX
2025-005	2025 Jan 10 0353	Falcon 9	423/B1071.22 F422	VSFBS SLC4E	SPX
2025-006	2025 Jan 10 1911:20	Falcon 9	424/B1067.25 F423	CC LC40	SPX
2025-007	2025 Jan 13 0300	Jielong-3	Y5	DFHT HHAI LP4	CZHI
2025-008	2025 Jan 13 1647:09	Falcon 9	425/B1080.15 F424	CC LC40	SPX
2025-009	2025 Jan 14 1909:00	Falcon 9	426/B1088.2 F425	VSFBS SLC4E	SPX
2025-010	2025 Jan 15 0611	Falcon 9	427/B1085.5 F426	KSC LC39A	SPX
2025-011	2025 Jan 16 0703	New Glenn 7x2	NG1	CC LC36	BLOR
2025-F01	2025 Jan 16 2237	Starship V2	B14/S33	STB OLP1	SPX
2025-012	2025 Jan 17 0407	Chang Zheng 2D	Y101	JQ LC43/94	SAST
2025-013	2025 Jan 20 1011	Gushenxing 1	Y16	JQ LC43/95A	XIDO
2025-014	2025 Jan 21 0524:50	Falcon 9	430/B1083.8 F427	KSC LC39A	SPX
2025-015	2025 Jan 21 1545:50	Falcon 9	429/B1082.10 F428	VSFBS SLC4E	SPX
2025-016	2025 Jan 23 0515	Chang Zheng 6A	Y6	TYSC LC9A	SAST
2025-017	2025 Jan 23 1532	Chang Zheng 3B	Y105	XSC LC2	CALT
2025-018	2025 Jan 24 1407	Falcon 9	431/B1063.23 F429	VSFBS SLC4E	SPX
2025-019	2025 Jan 27 2205:00	Falcon 9	433/B1076.20 F430	CC LC40	SPX
2025-020	2025 Jan 29 0053	GSLV Mk II	GSLV-F15	SHAR SLP	ISRO/NSIL
2025-021	2025 Jan 30 0134	Falcon 9	434/B1073.21 F431	KSC LC39A	SPX
2025-022	2025 Feb 1 2302:10	Falcon 9	435/B1075.17 F432	VSFBS SLC4E	SPX
2025-023	2025 Feb 2 0830:00	H3-22S	H3-F5	TNSC Y2	JAXA
2025-024	2025 Feb 4 1015:00	Falcon 9	437/B1069.21 F433	CC LC40	SPX
2025-025	2025 Feb 4 2313	Falcon 9	436/B1086.4 F434	KSC LC39A	SPX
2025-026	2025 Feb 5 0359	Soyuz-2-1V	-	GIK-1 LC43/4	VVKO
2025-027	2025 Feb 8 1918:30	Falcon 9	438/B1078.17 F435	CC LC40	SPX
2025-028	2025 Feb 8 2043	Electron	59	MAHIA LC1B	RLABN
2025-029	2025 Feb 11 0209:00	Falcon 9	439/B1071.23 F436	VSFBS SLC4E	SPX
2025-030	2025 Feb 11 0930	Chang Zheng 8A	Y1	WEN LC201	CALT
2025-031	2025 Feb 11 1853:20	Falcon 9	440/B1077.18 F437	CC LC40	SPX
2025-032	2025 Feb 15 0614:10	Falcon 9	441/B1067.26 F438	CC LC40	SPX
2025-033	2025 Feb 18 2317	Electron	60	MAHIA LC1B	RLABN
2025-034	2025 Feb 18 2321:50	Falcon 9	432/B1080.16 F439	CC LC40	SPX
2025-035	2025 Feb 21 1519:00	Falcon 9	445/B1076.21 F440	CC LC40	SPX
2025-036	2025 Feb 22 1211	Chang Zheng 3B	Y101	XSC LC2	CALT
2025-037	2025 Feb 23 0138:20	Falcon 9	443/B1082.11 F441	VSFBS SLC4E	SPX
2025-038	2025 Feb 27 0016:30	Falcon 9	444/B1083.9 F442	KSC LC39A	SPX
2025-039	2025 Feb 27 0334:20	Falcon 9	446/B1092.1? F443	CC LC40	SPX
2025-040	2025 Feb 27 0708	Chang Zheng 2C	Y78	JQ LC43/94	CALT
2025-041	2025 Feb 27 2124:27	Soyuz-2-1A	K 15000-078	GIK-5 LC31	FKA
2025-042	2025 Mar 2 2222:16	Soyuz-2-1B	V 15000-060/ 112-17	GIK-1 LC43/3	VVKO
2025-043	2025 Mar 3 0224:00	Falcon 9	447/B1086.5 F444	CC LC40	SPX
2025-044	2025 Mar 6 1624	Ariane 62	VA263 (L6002)	CSG ELA4	AE
2025-F03	2025 Mar 6 2330:31?	Starship V2	B15/S34	STB OLP1	SPX
2025-045	2025 Mar 9 1717	Chang Zheng 3B	Y102	XSC LC3	CALT
2025-046	2025 Mar 11 1638	Chang Zheng 8	Y6	HCSSL LC1	CALT
2025-047	2025 Mar 12 0310:12	Falcon 9	xxx/B1088.3 F445	VSFBS SLC4E	SPX
2025-048	2025 Mar 13 0235:30	Falcon 9	xxx/B1069.22 F446	CC LC40	SPX
2025-049	2025 Mar 14 2303:48	Falcon 9	xxx/B1090.2 F447	KSC LC39A	SPX
2025-050	2025 Mar 15 0000	Electron	61	MAHIA LC1B	RLABN
2025-051	2025 Mar 15 0411	Chang Zheng 2D	Y100	JQ LC43/94	SAST
2025-052	2025 Mar 15 0643:00	Falcon 9	xxx/B1081.13 F448	VSFBS SLC4E	SPX
2025-053	2025 Mar 15 1135:10	Falcon 9	xxx/B1078.18 F449	CC LC40	SPX
2025-054	2025 Mar 16 1050	Angara-1.2	71605/4L	GIK-1 LC35/1	KHRU

2025-055	2025 Mar 17 0807	Gushenxing 1	Y10	JQ LC43/95B	XIDO
2025-056	2025 Mar 18 0131	Electron	62	MAHIA LC1A	RLABN
2025-057	2025 Mar 18 1957:50	Falcon 9	xxx/B1077.19 F450	CC LC40	SPX
2025-058	2025 Mar 21 0649	Falcon 9	xxx/B1088.4 F451	VSFBS SLC4E	SPX
2025-059	2025 Mar 21 1107	Gushenxing 1	Y17	JQ LC43/95B	XIDO
2025-060	2025 Mar 24 1748	Falcon 9	xxx/B1092.2 F452	CC LC40	SPX
2025-061	2025 Mar 26 1530	Electron	63	MAHIA LC1B	RLABN
2025-062	2025 Mar 26 1555	Chang Zheng 3B	Y108	XSC LC2	CALT
2025-063	2025 Mar 26 2211:40	Falcon 9	xxx/B1063.24 F453	VSFBS SLC4E	SPX
2025-064	2025 Mar 29 1605	Chang Zheng 7A	Y11	WEN LC201	CALT
2025-F04	2025 Mar 30 1030	Spectrum	1	AND ISAR	ISAR
2025-065	2025 Mar 31 1952:50	Falcon 9	xxx/B1080.17 F454	CC LC40	SPX
2025-066	2025 Apr 1 0146	Falcon 9	xxx/B1085.6 F455	KSC LC39A	SPX
2025-067	2025 Apr 1 0400	Chang Zheng 2D	Y78	JQ LC43/94	SAST
2025-068	2025 Apr 3 0212	Chang Zheng 6	Y14	TYSC LC16	SAST
2025-069	2025 Apr 4 0102:50	Falcon 9	xxx/B1088.5 F456	VSFBS SLC4E	SPX
2025-070	2025 Apr 6 0307:20	Falcon 9	xxx/B1078.19 F457	CC LC40	SPX
2025-071	2025 Apr 7 2306:10	Falcon 9	xxx/B1093.1 F458	VSFBS SLC4E	SPX
2025-072	2025 Apr 8 0547:15	Soyuz-2-1A	K 15000-075	GIK-5 LC31	FKA
2025-073	2025 Apr 10 1647	Chang Zheng 3B	Y107	XSC LC3	CALT
2025-074	2025 Apr 12 1225	Falcon 9	xxx/B1071.24 F459	VSFBS SLC4E	SPX
2025-075	2025 Apr 13 0053:30	Falcon 9	xxx/B1083.10 F460	KSC LC39A	SPX
2025-076	2025 Apr 14 0400:10	Falcon 9	xxx/B1067.27 F461	CC LC40	SPX
2025-077	2025 Apr 16 1933	Minotaur IV	8	VS SLC8	NGIS
2025-078	2025 Apr 18 2251	Chang Zheng 6A	Y11	TYSC LC9A	SAST
2025-079	2025 Apr 20 1229	Falcon 9	xxx/B1082.12 F462	VSFBS SLC4E	SPX
2025-080	2025 Apr 21 0815:45	Falcon 9	xxx/B1092.3 F463	KSC LC39A	SPX
2025-081	2025 Apr 22 0048:34	Falcon 9	xxx/B1090.3 F464	CC LC40	SPX
2025-082	2025 Apr 24 0917:31	Chang Zheng 2F	Y20	JQ LC43/91	CALT
2025-083	2025 Apr 25 0152:40	Falcon 9	xxx/B1069.23 F465	CC LC40	SPX
2025-084	2025 Apr 27 1554	Chang Zheng 3B	Y109	XSC LC2	CALT
2025-085	2025 Apr 28 0209:40	Falcon 9	xxx/B1077.20 F466	CC LC40	SPX
2025-086	2025 Apr 28 2010	Chang Zheng 5B/YZ-2	Y7/Y3	WEN LC101	CALT
2025-087	2025 Apr 28 2042:20	Falcon 9	xxx/B1063.25 F467	VSFBS SLC4E	SPX
2025-088	2025 Apr 28 2301	Atlas V 551	AV-107	CC SLC41	ULAL
2025-089	2025 Apr 29 0234:10	Falcon 9	xxx/B1094.1 F468	KSC LC39A	SPX
2025-090	2025 Apr 29 0915	Vega C	VV26	CSG ZLV	AE
2025-U01	2025 Apr 29 1337:47?	Firefly Alpha	FLTA006	VSFBS SLC2W	FFLY
2025-091	2025 May 2 0151:10	Falcon 9	xxx/B1080.18 F469	CC LC40	SPX
2025-092	2025 May 4 0854:40	Falcon 9	xxx/B1078.20 F470	KSC LC39A	SPX
2025-093	2025 May 7 0117:20	Falcon 9	xxx/B1085.7 F471	CC LC40	SPX
2025-094	2025 May 10 0019:50	Falcon 9	xxx/B1081.14 F472	VSFBS SLC4E	SPX
2025-095	2025 May 10 0628:00	Falcon 9	xxx/B1083.11 F473	CC LC40	SPX
2025-096	2025 May 11 1327	Chang Zheng 6A	Y9	TYSC LC9A	SAST
2025-097	2025 May 12 1809	Chang Zheng 3C	Y19	XSC LC3	CALT
2025-098	2025 May 13 0115:10	Falcon 9	xxx/B1088.6 F474	VSFBS SLC4E	SPX
2025-099	2025 May 13 0502:20	Falcon 9	xxx/B1067.28 F475	KSC LC39A	SPX
2025-100	2025 May 14 0412	Chang Zheng 2D	Y107	JQ LC43/94	ZHSH/SAST
2025-101	2025 May 14 1638:50	Falcon 9	xxx/B1090.4 F476	CC LC40	SPX
2025-102	2025 May 16 1343:50	Falcon 9	xxx/B1093.2 F477	VSFBS SLC4E	SPX
2025-103	2025 May 17 0412	Zhuque-2E	Y2	JQ LC43/96A	LANDSP
2025-104	2025 May 17 0817	Electron	64	MAHIA LC1A	RLABN
2025-F05	2025 May 18 0029	PSLV-XL	PSLV-C61	SHAR FLP	ISRO
2025-105	2025 May 19 0738	Gushenxing 1	Y5	DFHT HHAI LP6	XIDO
2025-106	2025 May 20 1150	Chang Zheng 7A	Y15	WEN LC201	CALT
2025-107	2025 May 21 0319:10	Falcon 9	xxx/B1095.1 F478	CC LC40	SPX
2025-108	2025 May 21 0405	Lijian-1	Y7	JQ LC130	ZKYT
2025-109	2025 May 23 0836	Soyuz-2-1B	780-42-528 / 111-602	GIK-1 LC43/4	VVKO
2025-110	2025 May 23 2232:20	Falcon 9	xxx/B1075.18 F479	VSFBS SLC4E	SPX
2025-111	2025 May 24 1719:00	Falcon 9	xxx/B1069.24 F480	CC LC40	SPX

2025-112	2025 May 27 1657:15	Falcon 9	xxx/B1082.13 F481	VSFBS SLC4E	SPX
2025-U02	2025 May 27 2336:29?	Starship V2	B14.2/S35	STB OLP1	SPX
2025-113	2025 May 28 1330:00	Falcon 9	xxx/B1080.19 F482	KSC LC39A	SPX
2025-114	2025 May 28 1731	Chang Zheng 3B	Y110	XSC LC2	CALT
2025-115	2025 May 29 0412	Chang Zheng 4B	Y62	JQ LC43/94	SAST
2025-116	2025 May 30 1737:59	Falcon 9	xxx/B1092.4 F483	CC LC40	SPX
2025-117	2025 May 31 2010:00	Falcon 9	xxx/B1071.25 F484	VSFBS SLC4E	SPX
2025-118	2025 Jun 2 2357	Electron	65	MAHIA LC1B	RLABN
2025-119	2025 Jun 3 0443:40	Falcon 9	xxx/B1077.21 F485	CC LC40	SPX
2025-120	2025 Jun 4 2340:30	Falcon 9	xxx/B1063.26 F486	VSFBS SLC4E	SPX
2025-121	2025 Jun 5 2045	Chang Zheng 6A	Y8	TYSC IC9A	SAST
2025-122	2025 Jun 7 0454	Falcon 9	xxx/B1085.8 F487	CC LC40	SPX
2025-123	2025 Jun 8 1420:10	Falcon 9	xxx/B1088.7 F488	VSFBS SLC4E	SPX
2025-124	2025 Jun 10 1305:40	Falcon 9	xxx/B1083.12 F489	CC LC40	SPX
2025-125	2025 Jun 11 1531	Electron	66	MAHIA LC1A	RLABN
2025-126	2025 Jun 13 0154:50	Falcon 9	xxx/B1081.15 F490	VSFBS SLC4E	SPX
2025-127	2025 Jun 13 1529:00	Falcon 9	xxx/B1078.21 F491	CC LC40	SPX
2025-128	2025 Jun 14 0756	Chang Zheng 2D	Y42	JQ LC43/94	SAST
2025-129	2025 Jun 17 0336:50	Falcon 9	xxx/B1093.3 F492	VSFBS SLC4E	SPX
2025-130	2025 Jun 18 0555:10	Falcon 9	xxx/B1090.5 F493	CC LC40	SPX
2025-131	2025 Jun 19 0301:20?	Angara A5	71754 (4L)/88803?	GIK-1 LC35/1	KHRU
2025-132	2025 Jun 20 1237	Chang Zheng 3B	Y112	XSC LC2	CALT
2025-133	2025 Jun 23 0558:30	Falcon 9	xxx/B1069.25 F494	CC LC40	SPX
2025-134	2025 Jun 23 1054:30	Atlas V 551	AV-105	CC SLC41	ULAL
2025-135	2025 Jun 23 2125:00	Falcon 9	xxx/B1071.26 F495	VSFBS SLC4E	SPX
2025-136	2025 Jun 25 0631:53	Falcon 9	xxx/B1094.2 F496	KSC LC39A	SPX
2025-137	2025 Jun 25 1954:50	Falcon 9	xxx/B1080.20 F497	CC LC40	SPX
2025-138	2025 Jun 26 1728	Electron	67	MAHIA LC1A	RLABN
2025-139	2025 Jun 28 0426:00	Falcon 9	xxx/B1092.5 F498	CC LC40	SPX
2025-140	2025 Jun 28 0708	Electron	68	MAHIA LC1B	RLABN
2025-141	2025 Jun 28 1633:04	H-IIA 202	H-IIA-50	TNSC Y	MHI
2025-142	2025 Jun 28 1713:00	Falcon 9	xxx/B1088.8 F499	VSFBS SLC4E	SPX
2025-143	2025 Jul 1 2104	Falcon 9	xxx/B1085.9 F500	KSC LC39A	SPX
2025-144	2025 Jul 2 0628:10	Falcon 9	xxx/B1067.29 F501	CC LC40	SPX
2025-145	2025 Jul 3 0935	Chang Zheng 4C	Y63	XSC LC3	SAST
2025-146	2025 Jul 3 1932:40	Soyuz-2-1A	Kh15000-048	GIK-5 LC31	FKA
2025-147	2025 Jul 8 0821:00	Falcon 9	xxx/B1077.22 F502	CC LC40	SPX
2025-148	2025 Jul 13 0504	Falcon 9	xxx/B1083.13 F503	CC LC40	SPX
2025-149	2025 Jul 14 2134:23	Chang Zheng 7	Y10	WEN LC201	CALT
2025-150	2025 Jul 16 0205:20	Falcon 9	xxx/B1093.4 F504	VSFBS SLC4E	SPX
2025-151	2025 Jul 16 0630	Falcon 9	xxx/B1096.1 F505	CC LC40	SPX
2025-152	2025 Jul 19 0352	Falcon 9	xxx/B1082.14 F506	VSFBS SLC4E	SPX
2025-153	2025 Jul 22 2112	Falcon 9	xxx/B1090.6 F507	CC LC40	SPX
2025-154	2025 Jul 23 1813	Falcon 9	xxx/B1081.16 F508	VSFBS SLC4E	SPX
2025-155	2025 Jul 25 0554:04	Soyuz-2-1B	K 15000-015	VOST PU1S	FKA
2025-156	2025 Jul 26 0203:48	Vega C	VV27	CSG ZLV	AE
2025-157	2025 Jul 26 0901:40	Falcon 9	xxx/B1078.22 F509	CC LC40	SPX
2025-158	2025 Jul 27 0430:50	Falcon 9	xxx/B1075.19 F510	VSFBS SLC4E	SPX
2025-159	2025 Jul 27 1003	Chang Zheng 6A	Y14	TYSC LC9A	SAST
2025-160	2025 Jul 29 0411	Shuang Quxian 1	Y10	JQ LC43/95A	XJRY
2025-F06	2025 Jul 29 2235?	Eris Block 1	1	BOWEN	GILM
2025-161	2025 Jul 30 0337:50	Falcon 9	xxx/B1069.26 F511	CC LC40	SPX
2025-162	2025 Jul 30 0749	Chang Zheng 8A	Y3	HCSLS LC1	CALT
2025-163	2025 Jul 30 1210:25	GSLV Mk II	GSLV-F16	SHAR SLP	ISRO/NSIL
2025-164	2025 Jul 31 0200	Kuaizhou-1A	-	XSC LC4	EXPACE
2025-165	2025 Jul 31 1835:09	Falcon 9	xxx/B1071.27 F512	VSFBS SLC4E	SPX
2025-166	2025 Aug 1 1543:42	Falcon 9	xxx/B1094.3 F513	KSC LC39A	SPX
2025-167	2025 Aug 4 0757:50	Falcon 9	xxx/B1080.21 F514	CC LC40	SPX
2025-168	2025 Aug 4 1021:23	Chang Zheng 12	Y2	HCSLS LC2	SAST
2025-169	2025 Aug 5 0410	Electron	69	MAHIA LC1B	RLABN

2025-170	2025 Aug 8 1631	Jielong-3	Y6	DFHT HHAI LP6	CZHI
2025-171	2025 Aug 11 1235	Falcon 9	xxx/B1091.1 F515	CC LC40	SPX
2025-172	2025 Aug 13 0037:50	Ariane 62	VA264 (L6003)	CSG ELA4	AE
2025-173	2025 Aug 13 0056	Vulcan Centaur VC4S	V-003	CC SLC41	ULAD
2025-174	2025 Aug 13 0643	Chang Zheng 5B/YZ-2	Y8/Y4	WEN LC101	CALT
2025-175	2025 Aug 14 0505:37	Falcon 9	xxx/B1093.5 F516	VSFBS SLC4E	SPX
2025-176	2025 Aug 14 1229:30	Falcon 9	xxx/B1085.10 F517	CC LC40	SPX
2025-F07	2025 Aug 15 0117	Zhuque-2E	Y3	JQ LC43/96A	LANDSP
2025-177	2025 Aug 17 0855	Chang Zheng 4C	Y64	XSC LC3	SAST
2025-178	2025 Aug 17 1415	Chang Zheng 6A	Y10	TYSC LC9A	SAST
2025-179	2025 Aug 18 1626:49	Falcon 9	xxx/B1088.9 F518	VSFBS SLC4E	SPX
2025-180	2025 Aug 19 0733:07	Lijian-1	Y10	JQ LC130	ZKYT
2025-181	2025 Aug 20 1713:30	Soyuz-2-1B	Ya15000-059	GIK-5 LC31	FKA
2025-182	2025 Aug 21 0932	Angara-1.2	71606/5?	GIK-1 LC35/1	KHRU
2025-183	2025 Aug 22 0350	Falcon 9	xxx/B1092.6 F519	KSC LC39A	SPX
2025-184	2025 Aug 22 1704:49	Falcon 9	xxx/B1081.17 F520	VSFBS SLC4E	SPX
2025-185	2025 Aug 23 2242	Electron	70	MAHIA LC1A	RLABN
2025-186	2025 Aug 24 0645:36	Falcon 9	xxx/B1090.7 F521	CC LC40	SPX
2025-187	2025 Aug 25 1908	Chang Zheng 8A	Y2	HCSLS LC1	CALT
2025-188	2025 Aug 26 1853:41	Falcon 9	xxx/B1063.27 F522	VSFBS SLC4E	SPX
2025-U03	2025 Aug 26 2330:03?	Starship V2	B16/S37	STB OLP1	SPX
2025-189	2025 Aug 27 1110:40	Falcon 9	xxx/B1095.2 F523	CC LC40	SPX
2025-190	2025 Aug 28 0812:00	Falcon 9	xxx/B1067.30 F524	KSC LC39A	SPX
2025-191	2025 Aug 30 0459:30	Falcon 9	xxx/B1082.15 F525	VSFBS SLC4E	SPX
2025-192	2025 Aug 31 1149:00	Falcon 9	xxx/B1077.23 F526	CC LC40	SPX
2025-193	2025 Sep 2 1930	Shavit 2	13	PALB	ISA
2025-194	2025 Sep 3 0351:26	Falcon 9	xxx/B1097.1 F527	VSFBS SLC4E	SPX
2025-195	2025 Sep 3 1156:10	Falcon 9	xxx/B1083.14 F528	CC LC40	SPX
2025-196	2025 Sep 5 0234	Chang Zheng 3C/YZ-1	Y20/Y18	XSC LC2	CALT
2025-197	2025 Sep 5 1139	Gushenxing 1	Y15	JQ LC43/95B	XIDO
2025-198	2025 Sep 5 1232:30	Falcon 9	xxx/B1069.27 F529	KSC LC39A	SPX
2025-199	2025 Sep 6 1634	Chang Zheng 6A	Y12	TYSC LC9A	SAST
2025-200	2025 Sep 6 1806:40	Falcon 9	xxx/B1075.20 F530	VSFBS SLC4E	SPX
2025-201	2025 Sep 8 1948	Jielong-3	Y7	DFHT HHAI LP6	CZHI
2025-202	2025 Sep 9 0200	Chang Zheng 7A	Y14	WEN LC201	CALT
2025-203	2025 Sep 10 1412:10	Falcon 9	xxx/B1093.6 F531	VSFBS SLC4E	SPX
2025-204	2025 Sep 11 1554:06	Soyuz-2-1A	K 15000-079	GIK-5 LC31	FKA
2025-205	2025 Sep 12 0156	Falcon 9	xxx/B1078.23 F532	CC LC40	SPX
2025-206	2025 Sep 13 0210	Soyuz-2-1B	V 15000-061/ 112-22	GIK-1 LC43/3	FKA
2025-207	2025 Sep 13 1755:49	Falcon 9	xxx/B1071.28 F533	VSFBS SLC4E	SPX
2025-208	2025 Sep 14 2211:49	Falcon 9	xxx/B1094.4 F534	CC LC40	SPX
2025-209	2025 Sep 16 0106	Chang Zheng 2C/YZ-1S	Y87?/Y19?	JQ LC43/94	CALT
2025-210	2025 Sep 18 0930:00	Falcon 9	xxx/B1092.7 F535	CC LC40	SPX
2025-F08	2025 Sep 18 1500?	Zoljanah	-	SEM	IRGC
2025-211	2025 Sep 19 1631:39	Falcon 9	xxx/B1088.10 F536	VSFBS SLC4E	SPX
2025-212	2025 Sep 21 1053:00	Falcon 9	xxx/B1085.11 F537	CC LC40	SPX
2025-213	2025 Sep 22 1738	Falcon 9	xxx/B1081.18 F538	VSFBS SLC4E	SPX
2025-214	2025 Sep 24 0756	Jielong-3	Y8	DFHT HHAI LP6	CZHI
2025-215	2025 Sep 24 1130:50	Falcon 9	xxx/B1096.2 F539	KSC LC39A	SPX
2025-216	2025 Sep 25 0839:00	Falcon 9	xxx/B1080.22 F540	CC LC40	SPX
2025-217	2025 Sep 25 1209	Atlas V 551	AV-108	CC SLC41	ULAL
2025-218	2025 Sep 26 0426:29	Falcon 9	xxx/B1082.16 F541	VSFBS SLC4E	SPX
2025-219	2025 Sep 26 1928	Chang Zheng 4C	Y45	JQ LC43/94	SAST
2025-220	2025 Sep 27 1240	Chang Zheng 6A	Y16	TYSC LC9A	SAST
2025-221	2025 Sep 29 0204:50	Falcon 9	xxx/B1063.28 F542	VSFBS SLC4E	SPX
2025-222	2025 Sep 29 0300	Chang Zheng 2D	Y94	XSC LC3	SAST
2025-223	2025 Oct 3 1406:50	Falcon 9	xxx/B1097.2 F543	VSFBS SLC4E	SPX
2025-224	2025 Oct 7 0646:10	Falcon 9	xxx/B1090.8 F544	CC LC40	SPX
2025-225	2025 Oct 8 0354:00	Falcon 9	xxx/B1071.29 F545	VSFBS SLC4E	SPX
2025-226	2025 Oct 11 0220	Yinli-1	Y2	DFHT HHAI LP4A	DFK

2025-227	2025 Oct 13 1000	Chang Zheng 2D	Y92	JQ LC43/94	SAST
2025-U04	2025 Oct 13 2323:45	Starship V2	B15.2/S38	STB OLP1	SPX
2025-228	2025 Oct 14 0158:00	Falcon 9	xxx/B1091.2 F546	CC LC40	SPX
2025-229	2025 Oct 14 1633	Electron	73	MAHIA LC1A	RLABN
2025-230	2025 Oct 15 2306:06	Falcon 9	xxx/B1093.7 F547	VSFBS SLC4E	SPX
2025-231	2025 Oct 16 0133:09?	Chang Zheng 8A	Y4	HCSLS LC1	CALT
2025-232	2025 Oct 16 0927:10	Falcon 9	xxx/B1095.3 F548	CC LC40	SPX
2025-233	2025 Oct 17 0708	Chang Zheng 6A	Y24	TYSC LC9A	SAST
2025-234	2025 Oct 19 0333	Lijian-1	Y8	JQ LC130	ZKYT
2025-235	2025 Oct 19 1739:40	Falcon 9	xxx/B1067.31 F549	CC LC40	SPX
2025-236	2025 Oct 19 1924:00	Falcon 9	xxx/B1088.11 F550	VSFBS SLC4E	SPX
2025-237	2025 Oct 22 1416:20	Falcon 9	xxx/B1075.21 F551	VSFBS SLC4E	SPX
2025-238	2025 Oct 23 1430	Chang Zheng 5	Y9	WEN LC101	CALT
2025-239	2025 Oct 24 0130:00	Falcon 9	xxx/B1076.22 F552	CC LC40	SPX
2025-240	2025 Oct 25 1420:50	Falcon 9	xxx/B1081.19 F553	VSFBS SLC4E	SPX
2025-241	2025 Oct 26 0000:15	H3-24W	H3-F7	TNSC Y2	JAXA
2025-242	2025 Oct 26 0355	Chang Zheng 3B	Y111	XSC	CALT
2025-243	2025 Oct 26 1500:40	Falcon 9	xxx/B1077.24 F554	CC LC40	SPX
2025-244	2025 Oct 28 0043:49	Falcon 9	xxx/B1082.17 F555	VSFBS SLC4E	SPX
2025-245	2025 Oct 29 1635:20	Falcon 9	xxx/B1083.15 F556	CC LC40	SPX
2025-246	2025 Oct 31 1544:46	Chang Zheng 2F	Y21	JQ LC43/91	CALT
2025-247	2025 Oct 31 2041:10	Falcon 9	xxx/B1063.29 F557	VSFBS SLC4E	SPX
2025-248	2025 Nov 2 0509:59	Falcon 9	xxx/B1091.3 F558	CC LC40	SPX
2025-249	2025 Nov 2 1156	LVM3	LVM3-M5	SHAR SLP	ISRO
2025-250	2025 Nov 3 0347	Chang Zheng 7A	Y13	WEN LC201	CALT
2025-251	2025 Nov 4 2102	Ariane 62	VA265 (L6005)	CSG ELA4	AE
2025-252	2025 Nov 5 1951	Electron	74	MAHIA LC1B	RLABN
2025-253	2025 Nov 6 0131:10	Falcon 9	xxx/B1094.5 F559	CC LC40	SPX
2025-254	2025 Nov 6 2113:50	Falcon 9	xxx/B1093.8 F560	VSFBS SLC4E	SPX
2025-255	2025 Nov 8 2101	Chang Zheng 11	Y6	DFHT HHAI LP2	CALT
2025-256	2025 Nov 9 0332	Lijian-1	Y9	JQ LC130	ZKYT
2025-257	2025 Nov 9 0810:10	Falcon 9	xxx/B1069.28 F561	KSC LC39A	SPX
2025-258	2025 Nov 10 0241:56	Chang Zheng 12	Y3	HCSLS LC2	SAST
2025-U05	2025 Nov 10 0402:43	Gushenxing 1	Y19	JQ LC43/95B	XIDO
2025-259	2025 Nov 11 0321:30	Falcon 9	xxx/B1096.3 F562	CC LC40	SPX
2025-260	2025 Nov 13 2055	New Glenn 7x2	NG2	CC LC36	BLOR
2025-261	2025 Nov 14 0304	Atlas V 551	AV-100	CC SLC41	ULAL
2025-262	2025 Nov 15 0308:10	Falcon 9	xxx/B1092.8 F563	KSC LC39A	SPX
2025-263	2025 Nov 15 0644:20	Falcon 9	xxx/B1078.24 F564	CC LC40	SPX
2025-264	2025 Nov 17 0521:32	Falcon 9	xxx/B1097.3 F565	VSFBS SLC4E	SPX
2025-265	2025 Nov 19 0012:20	Falcon 9	xxx/B1085.12 F566	CC LC40	SPX
2025-266	2025 Nov 19 0401	Chang Zheng 2C	Y88?	JQ LC43/94	CALT
2025-267	2025 Nov 20 1243	Electron	76	MAHIA LC1A	RLABN
2025-268	2025 Nov 21 0339:30	Falcon 9	xxx/B1080.23 F567	KSC LC39A	SPX
2025-269	2025 Nov 21 1055	Chang Zheng 3B	Y118?	XSC LC2	CALT
2025-270	2025 Nov 22 0753:50	Falcon 9	xxx/B1090.9 F568	CC LC40	SPX
2025-271	2025 Nov 23 0848:00	Falcon 9	xxx/B1100.1 F569	VSFBS SLC4E	SPX
2025-272	2025 Nov 25 0411:45	Chang Zheng 2F	Y22	JQ LC43/91	CALT
2025-273	2025 Nov 25 1342	Angara-1.2	71607?/6L?	GIK-1 LC35/1	KHRU
2025-274	2025 Nov 26 1613:00	Nuri	4	NARO LC2	KARI
2025-275	2025 Nov 27 0927:57	Soyuz-2-1A	M 15000-071	GIK-5 LC31	FKA
2025-276	2025 Nov 28 1844:30	Falcon 9	xxx/B1071.30 F570	VSFBS SLC4E	SPX
2025-277	2025 Nov 30 1220	Chang Zheng 7A	Y10	WEN LC201	CALT
2025-278	2025 Dec 1 0744:10	Falcon 9	xxx/B1095.4 F571	KSC LC39A	SPX
2025-279	2025 Dec 1 1721	Vega C	VV28	CSG ZLV	AE
2025-280	2025 Dec 2 0528:20	Falcon 9	xxx/B1081.20 F572	VSFBS SLC4E	SPX
2025-281	2025 Dec 2 2218:50	Falcon 9	xxx/B1077.25 F573	CC LC40	SPX
2025-282	2025 Dec 3 0400	Zhuque-3	Y1	JQ LC43/96B	LANDSP
2025-283	2025 Dec 4 2042:20	Falcon 9	xxx/B1097.4 F574	VSFBS SLC4E	SPX
2025-284	2025 Dec 5 0900	Kuaizhou-1A	-	JQ LC43/95A	EXPACE

2025-285	2025 Dec 6 0753	Chang Zheng 8A	Y5	HCSLS LC1	CALT
2025-286	2025 Dec 7 1758:30	Falcon 9	xxx/B1088.12 F575	VSFBS SLC4E	SPX
2025-287	2025 Dec 8 2211	Chang Zheng 6A	Y15	TYSC LC9A	SAST
2025-288	2025 Dec 8 2226:10	Falcon 9	xxx/B1067.32 F576	KSC LC39A	SPX
2025-289	2025 Dec 9 0341	Chang Zheng 4B	Y64	JQ	SAST
2025-290	2025 Dec 9 1508	Chang Zheng 3B	Y119	XSC LC3	CALT
2025-291	2025 Dec 9 1916	Falcon 9	xxx/B1096.4 F577	CC LC40	SPX
2025-292	2025 Dec 10 0403:45	Lijian-1	Y11	JQ LC130	ZKYT
2025-293	2025 Dec 10 1140:30	Falcon 9	xxx/B1082.18 F578	VSFBS SLC4E	SPX
2025-294	2025 Dec 11 2201:20	Falcon 9	xxx/B1083.16 F579	CC LC40	SPX
2025-295	2025 Dec 11 2300	Chang Zheng 12	Y4	HCSLS LC2	SAST
2025-296	2025 Dec 13 0108	Kuaizhou-11	Y8	JQ LC43/95?	EXPACE
2025-297	2025 Dec 14 0309	Electron	77	MAHIA LC1B	RLABN
2025-298	2025 Dec 14 0549:00	Falcon 9	xxx/B1093.9 F580	VSFBS SLC4E	SPX
2025-299	2025 Dec 15 0525:10	Falcon 9	xxx/B1092.9 F581	CC LC40	SPX
2025-300	2025 Dec 16 0317	Chang Zheng 4B	Y61	TYSC	SAST
2025-301	2025 Dec 16 0828	Atlas V 551	AV-111	CC SLC41	ULAL
2025-302	2025 Dec 17 0501:58	Ariane 62	VA266 (L6004)	CSG ELA4	AE
2025-303	2025 Dec 17 1342:10	Falcon 9	xxx/B1094.6 F582	KSC LC39A	SPX
2025-304	2025 Dec 17 1527:50	Falcon 9	xxx/B1063.30 F583	VSFBS SLC4E	SPX
2025-305	2025 Dec 18 0503:00	Electron	78	MARS Pad 0C	RLABU
2025-306	2025 Dec 20 1230	Chang Zheng 5	Y10	WEN LC101	CALT
2025-307	2025 Dec 21 0636	Electron	79	MAHIA LC1B	RLABN
2025-U06	2025 Dec 22 0151:30	H3-22S	H3-F8	TNSC Y2	JAXA
2025-F09	2025 Dec 23 0113	HANBIT-NANO	1	ALCA HAN	INNOSP
2025-308	2025 Dec 23 0200	Chang Zheng 12A	Y1	JQ LC-CZ12A	SAST
2025-309	2025 Dec 24 0325:30	LVM3	LVM3-M6	SHAR SLP	NSIL
2025-310	2025 Dec 25 1411	Soyuz-2-1A	-	GIK-1 LC43/4?	VVKO
2025-311	2025 Dec 25 2326	Chang Zheng 8A	Y6	HCSLS LC1	CALT
2025-312	2025 Dec 26 1607	Chang Zheng 3B	Y113	XSC	CALT
2025-313	2025 Dec 28 1318:05	Soyuz-2-1B	-	VOST PU1S	FKA
2025-314	2025 Dec 30 0412	Chang Zheng 4B	Y69	JQ	SAST
2025-315	2025 Dec 30 2240:07	Chang Zheng 7A	Y7	WEN LC201	CALT

Note: Owner, Agency and Country codes in the tables are defined in <http://planet4589.org/space/lvdb/sdb/Orgs>.
Launch Sites are defined in <http://planet4589.org/space/lvdb/sdb/Sites>.

Appendix 2: Satellite payloads launched or deployed in 2025

LaunchNo	DeployNo	CATID	LAUNCH ID	Name	Launch Date UTC	Deploy date UTC	Owner	Country	Perigee	Apogee	Inc	Status
-	1	S64627	2022-089C	Kosmos-2558 subsatellite	2022 Aug 1 2025	2025 Jun 26 1400?	TSKHM	RU	454	456	97.24	In Earth orbit
-	2	S64289	2022-144L	USA 546	2022 Nov 1 1341	2025 Jun?	AFRL	US	36090	36100	4.70	In Earth orbit
-	3	S64466	2022-144M	USA 547	2022 Nov 1 1341	2025 Jun?	AFRL	US	35700	35710	4.80	In Earth orbit
-	4	S64722	2022-144N	USA 548	2022 Nov 1 1341	2025 Jun 30?	AFRL	US	35700	35710	4.08	In Earth orbit
-	5	S65156	2022-144P	USA 551	2022 Nov 1 1341	2025 Jun 30?	AFRL	US	35700	35710	4.08	In Earth orbit
-	6	S65157	2022-144Q	USA 552	2022 Nov 1 1341	2025 Jun 30?	AFRL	US	35700	35710	4.08	In Earth orbit
-	7	S65158	2022-144R	USA 553	2022 Nov 1 1341	2025 Jun 30?	AFRL	US	35700	35710	4.08	In Earth orbit
-	8	S65650	2022-144S	USA 556	2022 Nov 1 1341	2025 Sep 17?	AFRL	US	35700	35900	4.08	In Earth orbit
-	9	S65651	2022-144T	USA 557	2022 Nov 1 1341	2025 Sep 17?	AFRL	US	35700	35900	4.08	In Earth orbit
-	10	S65724	2024-134H	USA 566	2024 Jul 30 1045	2025 Sep 30?	SFSSC	US	35800	36100	0.00	In Earth orbit
-	11	S66145	2024-134J	USA 567	2024 Jul 30 1045	2025 Oct 20?	SFSSC	US	35800	36100	0.00	In Earth orbit
-	12	S66551	2024-134K	USA 568	2024 Jul 30 1045	2025 Nov 30?	SFSSC	US	35800	36100	0.00	In Earth orbit
-	13	S66552	2024-134L	USA 569	2024 Jul 30 1045	2025 Nov 30?	SFSSC	US	35800	36100	0.00	In Earth orbit
-	14	S63523	2021-035E	Naxing-4B	2024 Dec 5 1034	2025 Apr 7 1000	TSHUA	CN	370	382	41.46	In Earth orbit
-	15	S62258	2024-233C	PROBA-3 OSC	2024 Nov 15 1513:18	2025 Jan 14 2300	ESA	I-ESA	644	60563	59.28	In Earth orbit
-	16	S62483	2025-001A	Thuraya 4-NGS	2025 Jan 4 0127	2025 Jan 4 0202	SP42/THUR	UAE	4651	60588	14.64	In Earth orbit
1	17	S62485	2025-002A	Shi Jian 25	2025 Jan 6 2000	2025 Jan 6 2028?	SAST	CN	8078	34498	22.25	Attached to CZ-3B Y104 Stage 3
2	18	S62487	2025-003A	Starlink 32713	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	273	279	43.01	In Earth orbit
3	19	S62488	2025-003B	Starlink 32732	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	273	279	43.01	In Earth orbit
4	20	S62489	2025-003C	Starlink 32328	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
5	21	S62490	2025-003D	Starlink 32332	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
6	22	S62491	2025-003E	Starlink 32717	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
7	23	S62492	2025-003F	Starlink 32757	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
8	24	S62493	2025-003G	Starlink 32731	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
9	25	S62494	2025-003H	Starlink 32694	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
10	26	S62495	2025-003I	Starlink 32708	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
11	27	S62496	2025-003J	Starlink 32718	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
12	28	S62497	2025-003K	Starlink 32729	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
13	29	S62498	2025-003L	Starlink 32739	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
14	30	S62499	2025-003M	Starlink 32714	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
15	31	S62500	2025-003N	Starlink 32714	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
16	32	S62501	2025-003P	Starlink 32685	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
17	33	S62502	2025-003Q	Starlink 32691	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
18	34	S62503	2025-003R	Starlink 32788	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
19	35	S62504	2025-003S	Starlink 32768	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
20	36	S62505	2025-003T	Starlink 32792	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
21	37	S62506	2025-003U	Starlink 32725	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
22	38	S62507	2025-003V	Starlink 32681	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
23	39	S62508	2025-003W	Starlink 32679	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
24	40	S62509	2025-003X	Starlink 32749	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
25	41	S62510	2025-003Y	Starlink 32744	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
26	42	S62511	2025-003Z	Starlink 32701	2025 Jan 6 2043:59	2025 Jan 6 2149:20	SPXS	US	272	279	43.01	In Earth orbit
27	43	S62512	2025-004A	Starlink 11452	2025 Jan 8 1527:00	2025 Jan 8 1632:15	SPXS	US	273	282	43.01	In Earth orbit
28	44	S62513	2025-004B	Starlink 11443	2025 Jan 8 1527:00	2025 Jan 8 1632:15	SPXS	US	273	282	43.01	In Earth orbit
29	45	S62514	2025-004C	Starlink 11440	2025 Jan 8 1527:00	2025 Jan 8 1632:15	SPXS	US	273	282	43.01	In Earth orbit
30	46	S62515	2025-004D	Starlink 11514	2025 Jan 8 1527:00	2025 Jan 8 1632:15	SPXS	US	272	281	43.01	In Earth orbit
31	47	S62516	2025-004E	Starlink 11508	2025 Jan 8 1527:00	2025 Jan 8 1632:15	SPXS	US	272	281	43.01	In Earth orbit
32	48	S62517	2025-004F	Starlink 11510	2025 Jan 8 1527:00	2025 Jan 8 1632:15	SPXS	US	272	281	43.01	In Earth orbit
33	49	S62518	2025-004G	Starlink 11512	2025 Jan 8 1527:00	2025 Jan 8 1632:15	SPXS	US	272	281	43.01	In Earth orbit
34	50	S62519	2025-004H	Starlink 11450	2025 Jan 8 1527:00	2025 Jan 8 1632:15	SPXS	US	272	281	43.01	In Earth orbit
35	51	S62520	2025-004J	Starlink 11507	2025 Jan 8 1527:00	2025 Jan 8 1632:15	SPXS	US	272	281	43.01	In Earth orbit
36	52	S62521	2025-004K	Starlink 11482	2025 Jan 8 1527:00	2025 Jan 8 1632:15	SPXS	US	272	281	43.01	In Earth orbit
37	53	S62522	2025-004L	Starlink 11528	2025 Jan 8 1527:00	2025 Jan 8 1632:15	SPXS	US	272	281	43.01	In Earth orbit
38	54	S62523	2025-004M	Starlink 11516	2025 Jan 8 1527:00	2025 Jan 8 1632:15	SPXS	US	272	281	43.01	In Earth orbit
39	55	S62524	2025-004N	Starlink 11527	2025 Jan 8 1527:00	2025 Jan 8 1632:15	SPXS	US	272	281	43.01	In Earth orbit
40	56	S62525	2025-004P	Starlink 32748	2025 Jan 8 1527:00	2025 Jan 8 1632:15	SPXS	US	272	281	43.01	In Earth orbit
41	57	S62526	2025-004Q	Starlink 32777	2025 Jan 8 1527:00	2025 Jan 8 1632:15	SPXS	US	272	281	43.01	In Earth orbit
42	58	S62527	2025-004R	Starlink 32741	2025 Jan 8 1527:00	2025 Jan 8 1632:15	SPXS	US	272	281	43.01	In Earth orbit
43	59	S62528	2025-004S	Starlink 32754	2025 Jan 8 1527:00	2025 Jan 8 1632:15	SPXS	US	272	281	43.01	In Earth orbit
44	60	S62529	2025-004T	Starlink 32786	2025 Jan 8 1527:00	2025 Jan 8 1632:15	SPXS	US	272	281	43.01	In Earth orbit
45				Starlink 32789	2025 Jan 8 1527:00		SPXS	US	272	281	43.01	In Earth orbit

46	61	862530	2025-004V	Starlink 32791	2025 Jan 8 1527:00	2025 Jan 8 1632:15	SPXS	US	272	281	43.01	In Earth orbit
47	62	862531	2025-004W	Starlink 32785	2025 Jan 8 1632:15	2025 Jan 8 1632:15	SPXS	US	272	281	43.01	In Earth orbit
48	63	862532	2025-005A	USA 463	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	520	521	70.00	In Earth orbit
49	64	862533	2025-005B	USA 464	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	520	521	70.00	In Earth orbit
50	65	862534	2025-005C	USA 465	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	350	351	70.00	In Earth orbit
51	66	862535	2025-005D	USA 466	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	350	351	70.00	In Earth orbit
52	67	862536	2025-005E	USA 467	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	350	351	70.00	In Earth orbit
53	68	862537	2025-005F	USA 468	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	575	578	70.00	In Earth orbit
54	69	862538	2025-005G	USA 469	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	575	578	70.00	In Earth orbit
55	70	862539	2025-005H	USA 470	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	455	456	70.00	In Earth orbit
56	71	862540	2025-005I	USA 471	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	576	577	70.00	In Earth orbit
57	72	862541	2025-005J	USA 472	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	435	437	70.00	In Earth orbit
58	73	862542	2025-005K	USA 473	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	435	437	70.00	In Earth orbit
59	74	862543	2025-005L	USA 474	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	575	578	70.00	In Earth orbit
60	75	862544	2025-005N	USA 475	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	575	578	70.00	In Earth orbit
61	76	862545	2025-005P	USA 476	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	575	578	70.00	In Earth orbit
62	77	862546	2025-005Q	USA 477	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	575	578	70.00	In Earth orbit
63	78	862547	2025-005R	USA 478	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	575	578	70.00	In Earth orbit
64	79	862548	2025-005S	USA 479	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	282	291	70.00	In Earth orbit
65	80	862549	2025-005T	USA 480	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	282	291	70.00	In Earth orbit
66	81	862550	2025-005U	USA 481	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	282	289	70.00	In Earth orbit
67	82	862551	2025-005V	USA 482	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	281	291	70.00	In Earth orbit
68	83	862552	2025-005W	USA 483	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	284	290	70.00	In Earth orbit
69	84	862553	2025-005X	USA 484	2025 Jan 10 0353	2025 Jan 10 0453?	NROC	US	281	290	70.00	In Earth orbit
70	85	862554	2025-006A	Starlink 11538	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	283	291	43.01	In Earth orbit
71	86	862555	2025-006B	Starlink 11534	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	283	291	43.01	In Earth orbit
72	87	862556	2025-006C	Starlink 11515	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	283	291	43.01	In Earth orbit
73	88	862557	2025-006D	Starlink 11478	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	283	291	43.01	In Earth orbit
74	89	862558	2025-006E	Starlink 11358	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	283	290	43.01	In Earth orbit
75	90	862559	2025-006F	Starlink 11517	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	283	291	43.01	In Earth orbit
76	91	862560	2025-006G	Starlink 11519	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	283	291	43.01	In Earth orbit
77	92	862561	2025-006H	Starlink 11451	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	283	291	43.01	In Earth orbit
78	93	862562	2025-006J	Starlink 11530	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	282	290	43.01	In Earth orbit
79	94	862563	2025-006K	Starlink 11536	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	282	290	43.01	In Earth orbit
80	95	862564	2025-006L	Starlink 11540	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	282	290	43.01	In Earth orbit
81	96	862565	2025-006M	Starlink 11523	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	282	290	43.01	In Earth orbit
82	97	862566	2025-006N	Starlink 11525	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	282	290	43.01	In Earth orbit
83	98	862567	2025-006P	Starlink 32752	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	284	292	43.01	In Earth orbit
84	99	862568	2025-006Q	Starlink 32760	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	284	292	43.01	In Earth orbit
85	100	862569	2025-006R	Starlink 32715	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	284	292	43.01	In Earth orbit
86	101	862570	2025-006S	Starlink 32764	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	284	292	43.01	In Earth orbit
87	102	862571	2025-006T	Starlink 32773	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	284	292	43.01	In Earth orbit
88	103	862572	2025-006U	Starlink 32750	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	284	292	43.01	In Earth orbit
89	104	862573	2025-006V	Starlink 32771	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	284	292	43.01	In Earth orbit
90	105	862574	2025-006W	Starlink 32766	2025 Jan 10 1911:20	2025 Jan 10 2016:40	SPXS	US	284	292	43.01	In Earth orbit
91	106	862576	2025-007B	Weili Kongjian 01-01	2025 Jan 13 0300	2025 Jan 13 0315?	CENTI	CN	634	652	54.98	In Earth orbit
92	107	862577	2025-007C	Weili Kongjian 01-02	2025 Jan 13 0300	2025 Jan 13 0315?	CENTI	CN	634	652	54.98	In Earth orbit
93	108	862578	2025-007D	Weili Kongjian 01-03	2025 Jan 13 0300	2025 Jan 13 0315?	CENTI	CN	634	652	54.98	In Earth orbit
94	109	862579	2025-007E	Weili Kongjian 01-04	2025 Jan 13 0300	2025 Jan 13 0315?	CENTI	CN	635	652	54.99	In Earth orbit
95	110	862580	2025-007F	Weili Kongjian 01-05	2025 Jan 13 0300	2025 Jan 13 0315?	CENTI	CN	635	652	54.98	In Earth orbit
96	111	862581	2025-007G	Weili Kongjian 01-06	2025 Jan 13 0300	2025 Jan 13 0315?	CENTI	CN	635	652	54.98	In Earth orbit
97	112	862582	2025-007H	Weili Kongjian 01-07	2025 Jan 13 0300	2025 Jan 13 0315?	CENTI	CN	636	651	54.98	In Earth orbit
98	113	862583	2025-007J	Weili Kongjian 01-08	2025 Jan 13 0300	2025 Jan 13 0315?	CENTI	CN	636	651	54.98	In Earth orbit
99	114	862584	2025-007K	Weili Kongjian 01-09	2025 Jan 13 0300	2025 Jan 13 0315?	CENTI	CN	636	652	54.98	In Earth orbit
100	115	862585	2025-007L	Weili Kongjian 01-10	2025 Jan 13 0300	2025 Jan 13 0315?	CENTI	CN	641	655	54.98	In Earth orbit
101	116	862587	2025-008A	Starlink 11547	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	288	291	43.01	In Earth orbit
102	117	862588	2025-008B	Starlink 11185	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	288	291	43.01	In Earth orbit
103	118	862589	2025-008C	Starlink 11513	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	288	290	43.01	In Earth orbit
104	119	862590	2025-008D	Starlink 11397	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	288	290	43.01	In Earth orbit
105	120	862591	2025-008E	Starlink 11420	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	287	290	43.01	In Earth orbit
106	121	862592	2025-008F	Starlink 11415	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	287	290	43.01	In Earth orbit
107	122	862593	2025-008G	Starlink 11413	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	287	289	43.01	In Earth orbit
108	123	862594	2025-008H	Starlink 11416	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	287	289	43.01	In Earth orbit
109	124	862595	2025-008J	Starlink 11535	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	286	289	43.01	In Earth orbit
110	125	862596	2025-008K	Starlink 11532	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	286	289	43.01	Reentered
111	126	862597	2025-008L	Starlink 11521	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	286	289	43.01	In Earth orbit

112	862598	2025-008M	Starlink 11258	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	286	288	43.01	In Earth orbit
113	862599	2025-008N	Starlink 11529	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	286	288	43.01	In Earth orbit
114	862600	2025-008P	Starlink 32767	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	285	288	43.01	In Earth orbit
115	862601	2025-008Q	Starlink 32767	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	285	288	43.01	In Earth orbit
116	862602	2025-008R	Starlink 32769	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	285	287	43.01	In Earth orbit
117	862603	2025-008S	Starlink 32778	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	284	287	43.01	In Earth orbit
118	862604	2025-008T	Starlink 32710	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	284	287	43.01	In Earth orbit
119	862605	2025-008U	Starlink 32742	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	284	287	43.01	In Earth orbit
120	862606	2025-008V	Starlink 32783	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	284	287	43.01	In Earth orbit
121	862607	2025-008W	Starlink 32784	2025 Jan 13 1647:09	2025 Jan 13 1752:25	SPXS	US	284	286	43.01	In Earth orbit
122	862609	2025-009A	Buzzer-1	2025 Jan 14 1909:00	2025 Jan 14 2003:41	UNSEEN	F	512	523	97.44	In Earth orbit
123	862610	2025-009B	Edison-1	2025 Jan 14 1909:00	2025 Jan 14 2003:12	SPIN/ESA	DK	512	522	97.45	In Earth orbit
124	862611	2025-009C	Balkan-1	2025 Jan 14 1909:00	2025 Jan 14 2004:19	ENDUR	BGN	512	522	97.44	In Earth orbit
125	862612	2025-009D	GESAT Gen1	2025 Jan 14 1909:00	2025 Jan 14 2003:07	ABSEN/NANAV	F	512	513	97.45	In Earth orbit
126	862613	2025-009E	Flock 4g-8	2025 Jan 14 1909:00	2025 Jan 14 2024:18	PLAN	UAE	511	516	97.44	In Earth orbit
127	862614	2025-009F	HCT-SAT-1	2025 Jan 14 1909:00	2025 Jan 14 2003:51	HCT/MBRSC	UAE	512	522	97.44	In Earth orbit
128	862615	2025-009G	Veery-0F	2025 Jan 14 1909:00	2025 Jan 14 2005:54	CAREWX	US	512	513	97.45	In Earth orbit
129	862616	2025-009H	InnoCube	2025 Jan 14 1909:00	2025 Jan 14 2005:09	TUB	D	512	522	97.44	In Earth orbit
130	862617	2025-009J	SCOFIDigantara	2025 Jan 14 1909:00	2025 Jan 14 2004:02	DIGAN/ORBAS	IN	512	521	97.44	In Earth orbit
131	862618	2025-009K	AE1d	2025 Jan 14 1909:00	2025 Jan 14 2012:58	ARKE	J	512	521	97.44	In Earth orbit
132	862619	2025-009L	IRIS-F3	2025 Jan 14 1909:00	2025 Jan 14 2008:00	NCKU	TW	512	521	97.45	In Earth orbit
133	862620	2025-009M	Saturnin-1	2025 Jan 14 1909:00	2025 Jan 14 2004:58	VZCR/VZLU	CZ	512	522	97.44	In Earth orbit
134	862621	2025-009N	Flock 4g-13	2025 Jan 14 1909:00	2025 Jan 14 2007:54	PLAN	US	512	519	97.44	In Earth orbit
135	862622	2025-009P	Flock 4g-9	2025 Jan 14 1909:00	2025 Jan 14 2005:30	PLAN	US	512	520	97.44	In Earth orbit
136	862623	2025-009Q	Otter	2025 Jan 14 1909:00	2025 Jan 14 2003:25	USNPS	US	512	521	97.45	In Earth orbit
137	862624	2025-009R	Flock 4g-7	2025 Jan 14 1909:00	2025 Jan 14 2022:31	PLAN	US	512	516	97.44	In Earth orbit
138	862625	2025-009S	Flock 4g-12	2025 Jan 14 1909:00	2025 Jan 14 2020:09	PLAN	US	511	516	97.44	In Earth orbit
139	862626	2025-009T	MBZ/SAT	2025 Jan 14 1909:00	2025 Jan 14 2031:07	MBRSC	UAE	511	517	97.44	In Earth orbit
140	862627	2025-009U	Ray 1.0	2025 Jan 14 1909:00	2025 Jan 14 2018:51	INVER	I	512	517	97.45	In Earth orbit
141	862628	2025-009V	ION SCV Amazing Antonius	2025 Jan 14 1909:00	2025 Jan 14 2017:39	DORBIT	I	512	516	97.44	In Earth orbit
142	862629	2025-009W	Flock 4g-11	2025 Jan 14 1909:00	2025 Jan 14 2018:30	PLAN	US	512	515	97.44	In Earth orbit
143	862630	2025-009X	ION SCV Eminent Emmanuel	2025 Jan 14 1909:00	2025 Jan 14 2019:25	DORBIT	I	512	516	97.44	In Earth orbit
144	862631	2025-009Y	Pelican 2	2025 Jan 14 1909:00	2025 Jan 14 2011:18	PLAN	US	512	516	97.44	In Earth orbit
145	862632	2025-009Z	SIG1 1	2025 Jan 14 1909:00	2025 Jan 14 2014:40	MBS/REFLEX	D	512	516	97.45	In Earth orbit
146	862633	2025-009AA	Flock 4g-26	2025 Jan 14 1909:00	2025 Jan 14 2013:32	PLAN	US	511	515	97.45	In Earth orbit
147	862634	2025-009AB	Flock 4g-28	2025 Jan 14 1909:00	2025 Jan 14 2017:33	PLAN	US	511	515	97.44	In Earth orbit
148	862635	2025-009AC	GARAI A	2025 Jan 14 1909:00	2025 Jan 14 2009:47	SATLAN	E	512	516	97.45	In Earth orbit
149	862636	2025-009AD	Flock 4g-20	2025 Jan 14 1909:00	2025 Jan 14 2013:24	PLAN	US	512	515	97.44	In Earth orbit
150	862637	2025-009AE	Flock 4g-24	2025 Jan 14 1909:00	2025 Jan 14 2010:37	PLAN	US	511	515	97.45	In Earth orbit
151	862638	2025-009AF	Flock 4g-16	2025 Jan 14 1909:00	2025 Jan 14 2009:32	PLAN	US	512	514	97.44	In Earth orbit
152	862639	2025-009AG	Flock 4g-3	2025 Jan 14 1909:00	2025 Jan 14 2008:05	PLAN	US	511	515	97.45	In Earth orbit
153	862640	2025-009AH	UzmaSat-1	2025 Jan 14 1909:00	2025 Jan 14 2007:29	UZMA/URUGUS	MY	512	515	97.44	In Earth orbit
154	862641	2025-009AJ	Flock 4g-27	2025 Jan 14 1909:00	2025 Jan 14 2016:16	PLAN	US	512	514	97.44	In Earth orbit
155	862642	2025-009AK	Flock 4g-29	2025 Jan 14 1909:00	2025 Jan 14 2013:15	PLAN	US	511	515	97.45	In Earth orbit
156	862643	2025-009AL	Flock 4g-32	2025 Jan 14 1909:00	2025 Jan 14 2012:14	PLAN	US	511	514	97.44	In Earth orbit
157	862644	2025-009AM	ANSER-L-S	2025 Jan 14 1909:00	2025 Jan 14 2007:22	INTA	E	512	515	97.45	In Earth orbit
158	862645	2025-009AN	Flock 4g-21	2025 Jan 14 1909:00	2025 Jan 14 2010:25	PLAN	US	511	514	97.44	In Earth orbit
159	862646	2025-009AP	Flock 4g-25	2025 Jan 14 1909:00	2025 Jan 14 2005:14	PLAN	US	511	514	97.44	In Earth orbit
160	862647	2025-009AQ	Flock 4g-23	2025 Jan 14 1909:00	2025 Jan 14 2005:37	PLAN	US	510	514	97.44	In Earth orbit
161	862648	2025-009AR	LIME	2025 Jan 14 1909:00	2025 Jan 14 2004:08	NOVI	US	511	514	97.44	In Earth orbit
162	862649	2025-009AS	AE1c	2025 Jan 14 1909:00	2025 Jan 14 2007:11	ARKE	J	512	514	97.45	In Earth orbit
163	862650	2025-009AT	Flock 4g-34	2025 Jan 14 1909:00	2025 Jan 14 2008:24	PLAN	US	511	513	97.44	In Earth orbit
164	862651	2025-009AU	Flock 4g-21	2025 Jan 14 1909:00	2025 Jan 14 2006:10	PLAN	US	511	513	97.44	In Earth orbit
165	862652	2025-009AV	Flock 4g-31	2025 Jan 14 1909:00	2025 Jan 14 2004:37	PLAN	US	511	513	97.44	In Earth orbit
166	862653	2025-009AW	PAUSAT-1	2025 Jan 14 1909:00	2025 Jan 14 2004:48	PAU	PK	512	514	97.44	In Earth orbit
167	862654	2025-009AX	BRO-16	2025 Jan 14 1909:00	2025 Jan 14 2003:18	UNSEEN	F	512	513	97.45	In Earth orbit
168	862655	2025-009AY	FGN-100-d1	2025 Jan 14 1909:00	2025 Jan 14 2011:11	FERG	TR	512	519	97.44	In Earth orbit
169	862656	2025-009AZ	PARUS-T1	2025 Jan 14 1909:00	2025 Jan 14 2006:25	TASA/PYRAS	J	512	522	97.44	In Earth orbit
170	862657	2025-009BA	TES-22	2025 Jan 14 1909:00	2025 Jan 14 2004:25	ARC	US	511	513	97.44	In Earth orbit
171	862658	2025-009BB	TROIL	2025 Jan 14 1909:00	2025 Jan 14 2006:04	TRLS	CZ	511	514	97.44	In Earth orbit
172	862659	2025-009BC	Flock 4g-4	2025 Jan 14 1909:00	2025 Jan 14 2026:25	PLAN	US	512	517	97.44	In Earth orbit
173	862660	2025-009BD	Flock 4g-6	2025 Jan 14 1909:00	2025 Jan 14 2022:17	PLAN	US	512	517	97.44	In Earth orbit
174	862661	2025-009BE	Flock 4g-2	2025 Jan 14 1909:00	2025 Jan 14 2024:35	PLAN	US	511	518	97.44	In Earth orbit
175	862662	2025-009BF	Pioneer-02	2025 Jan 14 1909:00	2025 Jan 14 2018:35	VARDA	US	512	518	97.44	Reentered
176	862663	2025-009BG	Flock 4g-5	2025 Jan 14 1909:00	2025 Jan 14 2020:32	PLAN	US	511	518	97.44	In Earth orbit
177	862664	2025-009BH	Lyra-1	2025 Jan 14 1909:00	2025 Jan 14 2020:43	ECHOAU	AU	512	518	97.44	In Earth orbit

178	193	S62665	2025-009BJ	Jay D2	2025 Jan 14 1909:00	2025 Jan 14 2016:49	DRDC/UTIAS	CA	512	518	97.44	In Earth orbit
179	194	S62666	2025-009BK	Flock 4g-1	2025 Jan 14 1909:00	2025 Jan 14 2016:42	PLAN	US	511	518	97.45	In Earth orbit
180	195	S62667	2025-009BL	Flock 4g-14	2025 Jan 14 1909:00	2025 Jan 14 2011:33	DRDC/UTIAS	CA	511	518	97.45	In Earth orbit
181	196	S62668	2025-009BM	Jay C	2025 Jan 14 1909:00	2025 Jan 14 2016:16	DRDC/UTIAS	CA	512	519	97.44	In Earth orbit
182	197	S62669	2025-009BN	Jay D1	2025 Jan 14 1909:00	2025 Jan 14 2011:37	DRDC/UTIAS	CA	512	519	97.45	In Earth orbit
183	198	S62670	2025-009BP	Flock 4g-10	2025 Jan 14 1909:00	2025 Jan 14 2009:57	PLAN	US	512	518	97.44	In Earth orbit
184	199	S62671	2025-009BQ	SkyBee-AO1	2025 Jan 14 1909:00	2025 Jan 14 2010:53	CNSTR	D	512	519	97.45	In Earth orbit
185	200	S62672	2025-009BR	Skylink-2	2025 Jan 14 1909:00	2025 Jan 22?	HELLO	TR	512	520	97.44	In Earth orbit
186	201	S62673	2025-009BS	LEO Express 2	2025 Jan 14 1909:00	2025 Jan 14 2009:41	IMPUL	US	512	520	97.45	In Earth orbit
187	202	S62674	2025-009BT	FUSION 1	2025 Jan 14 1909:00	2025 Jan 14 2014:27	SEIREN	J	512	513	97.44	In Earth orbit
188	203	S62675	2025-009BU	Flock 4g-36	2025 Jan 14 1909:00	2025 Jan 14 2010:03	PLAN	US	512	519	97.45	In Earth orbit
189	204	S62676	2025-009BV	FOSSASAT F0019	2025 Jan 14 1909:00	2025 Jan 14 2009:06	FOSSA	E	512	520	97.44	In Earth orbit
190	205	S62677	2025-009BW	Elevation-1	2025 Jan 14 1909:00	2025 Jan 14 2005:20	ALMAG/XDLINX	UK	512	520	97.44	In Earth orbit
191	206	S62678	2025-009BX	Flock 4g-15	2025 Jan 14 1909:00	2025 Jan 14 2007:35	PLAN	US	511	518	97.45	In Earth orbit
192	207	S62679	2025-009BY	Flock 4g-30	2025 Jan 14 1909:00	2025 Jan 14 2015:15	PLAN	US	512	519	97.44	In Earth orbit
193	208	S62680	2025-009BZ	Flock 4g-18	2025 Jan 14 1909:00	2025 Jan 14 2015:31	PLAN	US	511	519	97.45	In Earth orbit
194	209	S62681	2025-009CA	Flock 4g-17	2025 Jan 14 1909:00	2025 Jan 14 2012:34	PLAN	US	511	519	97.44	In Earth orbit
195	210	S62682	2025-009CB	OT-FOREST-3 BIOERNTBW	2025 Jan 14 1909:00	2025 Jan 14 2009:25	ORORA	D	512	520	97.44	In Earth orbit
196	211	S62683	2025-009CC	Flock 4g-35	2025 Jan 14 1909:00	2025 Jan 14 2006:15	PLAN	US	512	519	97.44	In Earth orbit
197	212	S62684	2025-009CD	IRIS-F2	2025 Jan 14 1909:00	2025 Jan 14 2006:43	NCKU	TW	512	520	97.44	In Earth orbit
198	213	S62685	2025-009CE	Flock 4g-33	2025 Jan 14 1909:00	2025 Jan 14 2007:01	FOSSA	E	511	520	97.44	In Earth orbit
199	214	S62686	2025-009CF	FOSSASAT F0018	2025 Jan 14 1909:00	2025 Jan 14 2009:06	FOSSA	E	512	521	97.44	In Earth orbit
200	215	S62687	2025-009CG	Hype AGH	2025 Jan 14 1909:00	2025 Jan 22?	AGHU	PL	507	510	97.45	Reentered
201	216	S62688	2025-009CH	BlueBon	2025 Jan 14 1909:00	2025 Jan 27?	SATRV/TPIX	PL	510	514	97.45	In Earth orbit
202	217	S62689	2025-009CI	LOGSATS-2	2025 Jan 14 1909:00	2025 Jan 22?	PATIN	T	510	511	97.44	In Earth orbit
203	218	S62690	2025-009CK	HADES-R	2025 Jan 14 1909:00	2025 Jan 22?	AMEA/HYDRA	E	510	514	97.42	In Earth orbit
204	219	S62691	2025-009CL	Poquito	2025 Jan 14 1909:00	2025 Jan 22?	ULUX	E	511	517	97.42	In Earth orbit
205	220	S62692	2025-009CM	HY DRA-T	2025 Jan 14 1909:00	2025 Jan 22?	AMEA/HYDRA	L	510	514	97.42	In Earth orbit
206	221	S62693	2025-009CN	Skylink-1	2025 Jan 14 1909:00	2025 Jan 22?	HELLO	TR	511	514	97.46	In Earth orbit
207	222	S62694	2025-009CP	Lemur-2 Wilson	2025 Jan 14 1909:00	2025 Jan 14 2127:21	SPIRE	US	591	595	97.75	In Earth orbit
208	223	S62695	2025-009CQ	Connecta IOT-8	2025 Jan 14 1909:00	2025 Jan 14 2129:58	PLNSST	TR	592	594	97.75	In Earth orbit
209	224	S62696	2025-009CR	Lemur-2 Star-Fox	2025 Jan 14 1909:00	2025 Jan 14 2127:42	SPIRE	US	592	594	97.75	In Earth orbit
210	225	S62697	2025-009CS	IRIDE-MS2-HEO-1	2025 Jan 14 1909:00	2025 Jan 14 2128:21	ASI/ARGOT	I	592	594	97.75	In Earth orbit
211	226	S62698	2025-009CT	ICEYE-X42	2025 Jan 14 1909:00	2025 Jan 14 2128:43	SP42	UAE	590	592	97.75	In Earth orbit
212	227	S62699	2025-009CU	Lemur-2 Arianna	2025 Jan 14 1909:00	2025 Jan 14 2128:57	SPIRE	US	591	594	97.75	In Earth orbit
213	228	S62700	2025-009CV	ICEYE-X41	2025 Jan 14 1909:00	2025 Jan 14 2129:06	ICEUS	US	589	592	97.75	In Earth orbit
214	229	S62701	2025-009CW	Firefly 1	2025 Jan 14 1909:00	2025 Jan 14 2129:19	PIXX	IN	592	593	97.75	In Earth orbit
215	230	S62702	2025-009CX	NORSAT-4	2025 Jan 14 1909:00	2025 Jan 14 2127:49	NSC	N	591	593	97.75	In Earth orbit
216	231	S62703	2025-009CY	Connecta IOT-5	2025 Jan 14 1909:00	2025 Jan 14 2126:22	PLNSST	TR	590	593	97.75	In Earth orbit
217	232	S62704	2025-009CZ	Firefly 2	2025 Jan 14 1909:00	2025 Jan 14 2131:02	PIXX	IN	593	593	97.75	In Earth orbit
218	233	S62705	2025-009DA	ICEYE-X45	2025 Jan 14 1909:00	2025 Jan 14 2128:30	ICEUS	US	592	593	97.75	In Earth orbit
219	234	S62706	2025-009DB	Lemur-2 Alisia	2025 Jan 14 1909:00	2025 Jan 14 2130:05	SPIRE	US	590	592	97.76	In Earth orbit
220	235	S62707	2025-009DC	ICEYE-X44	2025 Jan 14 1909:00	2025 Jan 14 2128:36	SP42	UAE	592	593	97.75	In Earth orbit
221	236	S62708	2025-009DD	Centauri 7	2025 Jan 14 1909:00	2025 Jan 14 2128:21	FLEET	AU	589	592	97.75	In Earth orbit
222	237	S62709	2025-009DE	Connecta IOT-6	2025 Jan 14 1909:00	2025 Jan 14 2127:30	PLNSST	TR	588	592	97.75	In Earth orbit
223	238	S62710	2025-009DF	Firefly 3	2025 Jan 14 1909:00	2025 Jan 14 2126:49	PIXX	IN	589	592	97.75	In Earth orbit
224	239	S62711	2025-009DG	Lemur-2 RoundTripper	2025 Jan 14 1909:00	2025 Jan 14 2128:13	SPIRE	US	588	593	97.75	In Earth orbit
225	240	S62712	2025-009DH	Lemur-2 MyNameIsIeff	2025 Jan 14 1909:00	2025 Jan 14 2126:36	SPIRE	US	589	592	97.75	In Earth orbit
226	241	S62713	2025-009DI	SatGus	2025 Jan 14 1909:00	2025 Jan 14 2126:44	CRUNCH	US	588	592	97.75	In Earth orbit
227	242	S62714	2025-009DK	Centauri 8	2025 Jan 14 1909:00	2025 Jan 14 2127:01	FLEET	AU	587	592	97.75	In Earth orbit
228	243	S62715	2025-009DL	Connecta IOT-7	2025 Jan 14 1909:00	2025 Jan 14 2129:25	PLNSST	TR	588	592	97.75	In Earth orbit
229	244	S63002	2025-009DM	Prometheus	2025 Jan 14 1909:00	2025 Jan 22?	MINHO	P	507	517	97.44	In Earth orbit
230	245	S63003	2025-009DN	FOSSASAT F0020	2025 Jan 14 1909:00	2025 Feb 27	FOSSA	E	510	513	97.36	In Earth orbit
231	246	S63004	2025-009DP	AlAinSat-1	2025 Jan 14 1909:00	2025 Jan 14 2010:31	UAEU	UAE	512	520	97.45	Reentered
232	247	S63153	2025-009DQ	Sedna-2	2025 Jan 14 1909:00	2025 Feb 26 1030?	CLAAC	UK	552	567	97.50	In Earth orbit
233	248	S63488	2025-009DR	PosAT-2	2025 Jan 14 1909:00	2025 Mar 25	LUSO	P	553	565	97.52	In Earth orbit
234	249	A11643	2025-009DU	Flock 4g-19	2025 Jan 14 1909:00	2025 Jan 14 2003:57	PLAN	US	512	520	97.44	In Earth orbit
235	250	S62716	2025-010A	Blue Ghost	2025 Jan 15 06:11	2025 Jan 15 0716:44	FFLY	US	189	322453	35.04	Luna
236	251	S62717	2025-010B	Resilience	2025 Jan 15 06:11	2025 Jan 15 0743:49	ISPACE	J	176	362529	35.17	Luna
237	252	S62720	2025-011A	Blue Ring Pathfinder	2025 Jan 16 07:03	-	BLOR	US	2409	19224	30.00	Attached to New Glenn GS2 F1
238	253	S62725	2025-012A	PRSC-E01	2025 Jan 17 04:07	2025 Jan 17 041:7?	SUPA	PK	516	528	97.48	In Earth orbit
239	254	S62726	2025-012B	Tianlu-1	2025 Jan 17 04:07	2025 Jan 17 041:7?	JHQUXINHE	CN	516	528	97.48	In Earth orbit
240	255	S62727	2025-012C	Lantian-1	2025 Jan 17 04:07	2025 Jan 17 041:7?	HANGZ	CN	516	529	97.49	In Earth orbit
241	256	S62729	2025-013A	Yunyao-1 37	2025 Jan 20 10:11	2025 Jan 20 1028?	YYAO	CN	528	547	97.61	In Earth orbit
242	257	S62730	2025-013B	Yunyao-1 38	2025 Jan 20 10:11	2025 Jan 20 1028?	YYAO	CN	528	548	97.61	In Earth orbit
243	258	S62731	2025-013C	Yunyao-1 39	2025 Jan 20 10:11	2025 Jan 20 1028?	YYAO	CN	527	547	97.61	In Earth orbit

244	259	862732	2025-013D	?	Yunxiao-1 40	2025 Jan 20 1011	2025 Jan 20 1028?	YYAO	CN	527	547	97.61	In Earth orbit
245	260	862733	2025-013E	?	Jianxing A-05 xing	2025 Jan 20 1011	2025 Jan 20 1028?	JTXZ	CN	527	547	97.61	In Earth orbit
246	261	862735	2025-014A		Starlink 32806	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	310	313	43.01	In Earth orbit
247	262	862736	2025-014B		Starlink 32829	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	310	312	43.01	In Earth orbit
248	263	862737	2025-014C		Starlink 32774	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	309	312	43.01	In Earth orbit
249	264	862738	2025-014D		Starlink 32802	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	310	312	43.01	In Earth orbit
250	265	862739	2025-014E		Starlink 32796	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	309	311	43.01	In Earth orbit
251	266	862740	2025-014F		Starlink 32805	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	309	311	43.01	In Earth orbit
252	267	862741	2025-014G		Starlink 32780	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	308	310	43.01	In Earth orbit
253	268	862742	2025-014H		Starlink 32770	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	308	310	43.01	In Earth orbit
254	269	862743	2025-014J		Starlink 32785	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	307	310	43.01	In Earth orbit
255	270	862744	2025-014K		Starlink 32758	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	307	309	43.01	In Earth orbit
256	271	862745	2025-014L		Starlink 32746	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	307	309	43.01	In Earth orbit
257	272	862746	2025-014M		Starlink 32780	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	306	308	43.01	In Earth orbit
258	273	862747	2025-014N		Starlink 32765	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	306	309	43.01	In Earth orbit
259	274	862748	2025-014P		Starlink 32762	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	305	308	43.01	In Earth orbit
260	275	862749	2025-014Q		Starlink 32761	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	305	307	43.01	In Earth orbit
261	276	862750	2025-014R		Starlink 32763	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	304	307	43.01	In Earth orbit
262	277	862751	2025-014S		Starlink 32759	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	304	306	43.01	In Earth orbit
263	278	862752	2025-014T		Starlink 32756	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	304	306	43.01	In Earth orbit
264	279	862753	2025-014U		Starlink 32751	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	303	306	43.01	In Earth orbit
265	280	862754	2025-014V		Starlink 32740	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	303	305	43.01	In Earth orbit
266	281	862755	2025-014W		Starlink 32745	2025 Jan 21 0524:50	2025 Jan 21 0630:15	SPXS	US	303	305	43.01	In Earth orbit
267	282	862756	2025-014X		USA 485	2025 Jan 21 0524:50	2025 Jan 21 0630?	NROC	US	309	313	43.01	In Earth orbit
268	283	862757	2025-014Y		USA 486	2025 Jan 21 0524:50	2025 Jan 21 0630?	NROC	US	309	311	43.01	In Earth orbit
269	284	862758	2025-015A		Starlink 33596	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	264	274	53.16	In Earth orbit
270	285	862759	2025-015B		Starlink 33589	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	279	280	53.16	In Earth orbit
271	286	862760	2025-015C		Starlink 33575	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	279	280	53.16	In Earth orbit
272	287	862761	2025-015D		Starlink 33584	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	278	280	53.16	In Earth orbit
273	288	862762	2025-015E		Starlink 33577	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	278	279	53.16	In Earth orbit
274	289	862763	2025-015F		Starlink 33597	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	278	279	53.16	In Earth orbit
275	290	862764	2025-015G		Starlink 33579	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	277	279	53.16	In Earth orbit
276	291	862765	2025-015H		Starlink 33592	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	277	278	53.16	In Earth orbit
277	292	862766	2025-015I		Starlink 33598	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	277	278	53.16	In Earth orbit
278	293	862767	2025-015K		Starlink 33572	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	277	278	53.16	In Earth orbit
279	294	862768	2025-015L		Starlink 33601	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	276	278	53.16	In Earth orbit
280	295	862769	2025-015M		Starlink 33569	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	276	277	53.16	In Earth orbit
281	296	862770	2025-015N		Starlink 33594	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	276	277	53.16	In Earth orbit
282	297	862771	2025-015P		Starlink 33598	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	276	277	53.16	In Earth orbit
283	298	862772	2025-015Q		Starlink 33600	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	276	277	53.16	In Earth orbit
284	299	862773	2025-015R		Starlink 33567	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	275	276	53.16	In Earth orbit
285	300	862774	2025-015S		Starlink 33574	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	275	276	53.16	In Earth orbit
286	301	862775	2025-015T		Starlink 33576	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	275	276	53.16	In Earth orbit
287	302	862776	2025-015U		Starlink 33570	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	275	276	53.16	In Earth orbit
288	303	862777	2025-015V		Starlink 33591	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	274	275	53.16	In Earth orbit
289	304	862778	2025-015W		Starlink 33573	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	274	275	53.16	In Earth orbit
290	305	862779	2025-015X		Starlink 33568	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	273	275	53.16	In Earth orbit
291	306	862780	2025-015Y		Starlink 33593	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	273	274	53.16	In Earth orbit
292	307	862781	2025-015Z		Starlink 33588	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	273	274	53.16	In Earth orbit
293	308	862782	2025-015AA		Starlink 33585	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	273	274	53.16	In Earth orbit
294	309	862783	2025-015AB		Starlink 33582	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	272	273	53.16	In Earth orbit
295	310	862784	2025-015AC		Starlink 33581	2025 Jan 21 1545:50	2025 Jan 21 1647:32	SPXS	US	272	274	53.16	In Earth orbit
296	311	862785	2025-016A		Qianfan Jigui 06-01	2025 Jan 23 0515	2025 Jan 23 0549?	YUANX	CN	793	816	88.99	In Earth orbit
297	312	862786	2025-016B		Qianfan Jigui 06-02	2025 Jan 23 0515	2025 Jan 23 0549?	YUANX	CN	792	815	88.99	In Earth orbit
298	313	862787	2025-016C		Qianfan Jigui 06-03	2025 Jan 23 0515	2025 Jan 23 0549?	YUANX	CN	792	815	88.99	In Earth orbit
299	314	862788	2025-016D		Qianfan Jigui 06-04	2025 Jan 23 0515	2025 Jan 23 0549?	YUANX	CN	792	815	88.99	In Earth orbit
300	315	862789	2025-016E		Qianfan Jigui 06-05	2025 Jan 23 0515	2025 Jan 23 0549?	YUANX	CN	794	820	88.99	In Earth orbit
301	316	862790	2025-016F		Qianfan Jigui 06-06	2025 Jan 23 0515	2025 Jan 23 0549?	YUANX	CN	792	815	88.99	In Earth orbit
302	317	862791	2025-016G		Qianfan Jigui 06-07	2025 Jan 23 0515	2025 Jan 23 0549?	YUANX	CN	790	816	88.99	In Earth orbit
303	318	862792	2025-016H		Qianfan Jigui 06-08	2025 Jan 23 0515	2025 Jan 23 0549?	YUANX	CN	792	816	88.99	In Earth orbit
304	319	862793	2025-016I		Qianfan Jigui 06-09	2025 Jan 23 0515	2025 Jan 23 0549?	YUANX	CN	793	814	88.99	In Earth orbit
305	320	862794	2025-016K		Qianfan Jigui 06-10	2025 Jan 23 0515	2025 Jan 23 0549?	YUANX	CN	795	825	88.99	In Earth orbit
306	321	862795	2025-016L		Qianfan Jigui 06-11	2025 Jan 23 0515	2025 Jan 23 0549?	YUANX	CN	791	814	88.99	In Earth orbit
307	322	862796	2025-016M		Qianfan Jigui 06-12	2025 Jan 23 0515	2025 Jan 23 0549?	YUANX	CN	792	814	88.99	In Earth orbit
308	323	862797	2025-016N		Qianfan Jigui 06-13	2025 Jan 23 0515	2025 Jan 23 0549?	YUANX	CN	792	814	88.99	In Earth orbit
309	324	862798	2025-016P		Qianfan Jigui 06-14	2025 Jan 23 0515	2025 Jan 23 0549?	YUANX	CN	789	814	88.99	In Earth orbit

310	325	862799	2025-016Q	Qianfan Jigui 06-15	2025 Jan 23 0515	2025 Jan 23 0549?	YUANX	CN	784	816	88.99	In Earth orbit
311	326	862800	2025-016R	Qianfan Jigui 06-16	2025 Jan 23 0515	2025 Jan 23 0549?	YUANX	CN	791	813	88.99	In Earth orbit
312	327	862801	2025-016S	Qianfan Jigui 06-17	2025 Jan 23 0515	2025 Jan 23 0549?	YUANX	CN	793	818	88.99	In Earth orbit
313	328	862802	2025-016T	Qianfan Jigui 06-18	2025 Jan 23 0515	2025 Jan 23 0549?	YUANX	CN	645	791	89.03	In Earth orbit
314	329	862804	2025-017A	Tongxin Jishu Shiyun 14	2025 Jan 23 1532	2025 Jan 23 1557?	ZLZB	CN	35782	35790	1.88	In Earth orbit
315	330	862806	2025-018A	Starlink 32883	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	281	53.15	In Earth orbit
316	331	862807	2025-018B	Starlink 32886	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	281	53.15	In Earth orbit
317	332	862808	2025-018C	Starlink 32848	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	281	53.15	In Earth orbit
318	333	862809	2025-018D	Starlink 32787	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	281	53.15	In Earth orbit
319	334	862810	2025-018E	Starlink 32851	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	281	53.15	In Earth orbit
320	335	862811	2025-018F	Starlink 32847	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	281	53.15	In Earth orbit
321	336	862812	2025-018G	Starlink 32837	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	281	53.15	In Earth orbit
322	337	862813	2025-018H	Starlink 32855	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	281	53.15	In Earth orbit
323	338	862814	2025-018J	Starlink 32843	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	281	53.15	In Earth orbit
324	339	862815	2025-018K	Starlink 32845	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	281	53.15	In Earth orbit
325	340	862816	2025-018L	Starlink 32854	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	281	53.15	In Earth orbit
326	341	862817	2025-018M	Starlink 32824	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	280	53.15	In Earth orbit
327	342	862818	2025-018N	Starlink 32853	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	280	53.15	In Earth orbit
328	343	862819	2025-018P	Starlink 32856	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	280	53.15	In Earth orbit
329	344	862820	2025-018Q	Starlink 32844	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	280	53.15	In Earth orbit
330	345	862821	2025-018R	Starlink 32782	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	280	53.15	In Earth orbit
331	346	862822	2025-018S	Starlink 32842	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	281	53.15	In Earth orbit
332	347	862823	2025-018T	Starlink 32823	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	280	53.15	In Earth orbit
333	348	862824	2025-018U	Starlink 32852	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	280	53.15	In Earth orbit
334	349	862825	2025-018V	Starlink 32825	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	280	53.15	In Earth orbit
335	350	862826	2025-018W	Starlink 32704	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	280	53.15	In Earth orbit
336	351	862827	2025-018X	Starlink 32838	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	267	280	53.15	In Earth orbit
337	352	862828	2025-018Y	Starlink 32727	2025 Jan 24 1407	2025 Jan 24 1511:04	SPXS	US	266	280	53.15	Reentered
338	353	862829	2025-019A	Starlink 11548	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	285	292	43.00	In Earth orbit
339	354	862830	2025-019B	Starlink 11480	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	285	292	43.01	In Earth orbit
340	355	862831	2025-019C	Starlink 11559	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	285	292	43.00	In Earth orbit
341	356	862832	2025-019D	Starlink 11549	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	285	292	43.00	In Earth orbit
342	357	862833	2025-019E	Starlink 11554	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	285	292	43.00	In Earth orbit
343	358	862834	2025-019F	Starlink 11520	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	285	292	43.00	In Earth orbit
344	359	862835	2025-019G	Starlink 11546	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	284	292	43.00	In Earth orbit
345	360	862836	2025-019H	Starlink 11533	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	292	43.00	43.00	In Earth orbit
346	361	862837	2025-019J	Starlink 11557	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	284	292	43.00	In Earth orbit
347	362	862838	2025-019K	Starlink 11556	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	284	292	43.00	In Earth orbit
348	363	862839	2025-019L	Starlink 11524	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	284	292	43.00	In Earth orbit
349	364	862840	2025-019M	Starlink 11551	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	284	292	43.00	In Earth orbit
350	365	862841	2025-019N	Starlink 11531	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	284	291	43.00	In Earth orbit
351	366	862842	2025-019P	Starlink 32755	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	285	292	43.00	In Earth orbit
352	367	862843	2025-019Q	Starlink 32797	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	285	292	43.00	In Earth orbit
353	368	862844	2025-019R	Starlink 32794	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	285	292	43.00	In Earth orbit
354	369	862845	2025-019S	Starlink 32807	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	285	292	43.00	In Earth orbit
355	370	862846	2025-019T	Starlink 32804	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	285	292	43.00	In Earth orbit
356	371	862847	2025-019U	Starlink 32799	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	285	292	43.00	In Earth orbit
357	372	862848	2025-019V	Starlink 32781	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	285	292	43.00	In Earth orbit
358	373	862849	2025-019W	Starlink 32809	2025 Jan 27 2205:00	2025 Jan 27 2310:22	SPXS	US	285	292	43.00	In Earth orbit
359	374	862850	2025-020A	NVS-02	2025 Jan 29 0053	2025 Jan 29 0112	ISRO	IN	190	37409	21.02	In Earth orbit
360	375	862852	2025-021A	Spainsat NG-1	2025 Jan 30 0134	2025 Jan 30 0205	HISD	E	471	68525	26.82	In Earth orbit
361	376	862854	2025-022A	Starlink 32868	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	278	293	53.15	In Earth orbit
362	377	862855	2025-022B	Starlink 32867	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	278	293	53.15	In Earth orbit
363	378	862856	2025-022C	Starlink 32860	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	278	293	53.15	In Earth orbit
364	379	862857	2025-022D	Starlink 32873	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	279	293	53.15	In Earth orbit
365	380	862858	2025-022E	Starlink 32866	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	279	293	53.15	In Earth orbit
366	381	862859	2025-022F	Starlink 32869	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	278	293	53.15	In Earth orbit
367	382	862860	2025-022G	Starlink 32861	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	278	293	53.15	In Earth orbit
368	383	862861	2025-022H	Starlink 32859	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	278	293	53.15	In Earth orbit
369	384	862862	2025-022J	Starlink 32864	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	278	293	53.15	In Earth orbit
370	385	862863	2025-022K	Starlink 32808	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	278	293	53.15	In Earth orbit
371	386	862864	2025-022L	Starlink 32862	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	279	293	53.15	In Earth orbit
372	387	862865	2025-022M	Starlink 32841	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	279	293	53.15	In Earth orbit
373	388	862866	2025-022N	Starlink 32695	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	279	293	53.15	In Earth orbit
374	389	862867	2025-022P	Starlink 32846	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	278	293	53.15	In Earth orbit
375	390	862868	2025-022Q	Starlink 32822	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	279	293	53.15	In Earth orbit

376	391	362869	2025-022R	Starlink 32813	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	278	292	53.15	In Earth orbit
377	392	362870	2025-022S	Starlink 32861	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	279	293	53.15	In Earth orbit
378	393	362871	2025-022T	Starlink 32814	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	279	293	53.15	In Earth orbit
379	394	362872	2025-022U	Starlink 32849	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	279	293	53.15	In Earth orbit
380	395	362873	2025-022V	Starlink 32833	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	279	293	53.15	In Earth orbit
381	396	362874	2025-022W	Starlink 32793	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	279	293	53.15	In Earth orbit
382	397	362875	2025-022X	Starlink 32834	2025 Feb 1 2302:10	2025 Feb 2 0003:23	SPXS	US	279	293	53.15	In Earth orbit
383	398	362876	2025-023A	Micrabit-6	2025 Feb 2 0830:00	2025 Feb 2 0859:04	NUSX/JAXA	J	35781	35790	0.06	In Earth orbit
384	399	362879	2025-024A	Starlink 11371	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	291	292	43.00	In Earth orbit
385	400	362880	2025-024B	Starlink 11352	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	290	292	43.00	In Earth orbit
386	401	362881	2025-024C	Starlink 11382	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	290	292	43.00	In Earth orbit
387	402	362882	2025-024D	Starlink 11432	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	289	291	43.00	In Earth orbit
388	403	362883	2025-024E	Starlink 11419	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	289	291	43.00	In Earth orbit
389	404	362884	2025-024F	Starlink 11437	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	288	290	43.00	In Earth orbit
390	405	362885	2025-024G	Starlink 11442	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	288	290	43.00	In Earth orbit
391	406	362886	2025-024H	Starlink 11365	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	287	290	43.00	In Earth orbit
392	407	362887	2025-024J	Starlink 11436	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	287	289	43.00	In Earth orbit
393	408	362888	2025-024K	Starlink 11438	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	287	289	43.00	In Earth orbit
394	409	362889	2025-024L	Starlink 11391	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	286	288	43.00	In Earth orbit
395	410	362890	2025-024M	Starlink 11431	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	286	288	43.00	In Earth orbit
396	411	362891	2025-024N	Starlink 11435	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	285	287	43.00	In Earth orbit
397	412	362892	2025-024P	Starlink 32878	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	285	287	43.00	In Earth orbit
398	413	362893	2025-024Q	Starlink 32892	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	284	286	43.00	In Earth orbit
399	414	362894	2025-024R	Starlink 32909	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	282	287	43.00	In Earth orbit
400	415	362895	2025-024S	Starlink 32901	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	282	286	43.00	In Earth orbit
401	416	362896	2025-024T	Starlink 32890	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	282	286	43.00	In Earth orbit
402	417	362897	2025-024U	Starlink 32893	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	281	285	43.00	In Earth orbit
403	418	362898	2025-024V	Starlink 32902	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	281	285	43.00	In Earth orbit
404	419	362899	2025-024W	Starlink 32661	2025 Feb 4 1015:00	2025 Feb 4 1120:21	SPXS	US	281	283	43.00	In Earth orbit
405	420	362900	2025-025A	WorldView Legion 5	2025 Feb 4 2313	2025 Feb 5 0102:53	MAXARI	US	699	706	45.05	In Earth orbit
406	421	362901	2025-025B	WorldView Legion 6	2025 Feb 4 2313	2025 Feb 5 0000:18	MAXARI	US	446	452	44.99	In Earth orbit
407	422	362902	2025-026A	Kosmos-2581	2025 Feb 5 0359	2025 Feb 5 0500:17	MORF	RU	579	594	81.99	In Earth orbit
408	423	362903	2025-026B	Kosmos-2582	2025 Feb 5 0359	2025 Feb 5 0500:17	MORF	RU	579	597	81.99	In Earth orbit
409	424	362904	2025-026C	Kosmos-2583	2025 Feb 5 0359	2025 Feb 5 0500:17	MORF	RU	579	597	81.99	In Earth orbit
410	425	362907	2025-027A	Starlink 11552	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	284	291	43.01	In Earth orbit
411	426	362908	2025-027B	Starlink 11561	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	284	291	43.01	In Earth orbit
412	427	362909	2025-027C	Starlink 11567	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	284	291	43.01	In Earth orbit
413	428	362910	2025-027D	Starlink 11569	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	284	291	43.01	In Earth orbit
414	429	362911	2025-027E	Starlink 11537	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	284	291	43.01	In Earth orbit
415	430	362912	2025-027F	Starlink 11563	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	284	291	43.01	In Earth orbit
416	431	362913	2025-027G	Starlink 11564	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	284	291	43.01	In Earth orbit
417	432	362914	2025-027H	Starlink 11566	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	284	291	43.01	In Earth orbit
418	433	362915	2025-027I	Starlink 11555	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	284	291	43.01	In Earth orbit
419	434	362916	2025-027J	Starlink 11430	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	284	291	43.01	In Earth orbit
420	435	362917	2025-027L	Starlink 11560	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	284	291	43.01	In Earth orbit
421	436	362918	2025-027M	Starlink 11562	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	284	291	43.01	In Earth orbit
422	437	362919	2025-027N	Starlink 11457	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	284	291	43.01	In Earth orbit
423	438	362920	2025-027P	Starlink 32921	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	284	291	43.01	In Earth orbit
424	439	362921	2025-027Q	Starlink 32917	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	284	291	43.01	In Earth orbit
425	440	362922	2025-027R	Starlink 32916	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	284	291	43.01	In Earth orbit
426	441	362923	2025-027S	Starlink 32905	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	283	291	43.01	In Earth orbit
427	442	362924	2025-027T	Starlink 32903	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	283	291	43.01	In Earth orbit
428	443	362925	2025-027U	Starlink 32920	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	283	291	43.01	In Earth orbit
429	444	362926	2025-027V	Starlink 32922	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	283	291	43.01	In Earth orbit
430	445	362927	2025-027W	Starlink 32891	2025 Feb 8 1918:30	2025 Feb 8 2023:47	SPXS	US	283	291	43.01	In Earth orbit
431	446	362929	2025-028B	Kineis-2C	2025 Feb 8 2043	2025 Feb 8 2143	KINEIS	F	636	652	97.96	In Earth orbit
432	447	362930	2025-028C	Kineis-2D	2025 Feb 8 2043	2025 Feb 8 2143	KINEIS	F	617	638	97.97	In Earth orbit
433	448	362931	2025-028D	Kineis-2E	2025 Feb 8 2043	2025 Feb 8 2143	KINEIS	F	607	665	97.94	In Earth orbit
434	449	362932	2025-028E	Kineis-2A	2025 Feb 8 2043	2025 Feb 8 2143	KINEIS	F	590	662	97.92	In Earth orbit
435	450	362934	2025-028G	Kineis-2B	2025 Feb 8 2043	2025 Feb 8 2143	KINEIS	F	581	641	97.93	In Earth orbit
436	451	362948	2025-029A	Starlink 32728	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	275	288	53.15	In Earth orbit
437	452	362949	2025-029B	Starlink 32857	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	275	288	53.15	In Earth orbit
438	453	362950	2025-029C	Starlink 32850	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	275	288	53.15	In Earth orbit
439	454	362951	2025-029D	Starlink 32875	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	275	288	53.15	In Earth orbit
440	455	362952	2025-029E	Starlink 32865	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	275	288	53.15	In Earth orbit
441	456	362953	2025-029F	Starlink 32884	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	275	288	53.15	In Earth orbit

442	457	862954	2025-029G	Starlink 32874	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	275	288	53.15	In Earth orbit
443	458	862955	2025-029H	Starlink 32880	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	275	288	53.15	In Earth orbit
444	459	862956	2025-029J	Starlink 32815	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	275	288	53.15	In Earth orbit
445	460	862957	2025-029K	Starlink 32879	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	275	288	53.15	In Earth orbit
446	461	862958	2025-029L	Starlink 32885	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	275	288	53.15	In Earth orbit
447	462	862959	2025-029M	Starlink 32896	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	274	288	53.15	In Earth orbit
448	463	862960	2025-029N	Starlink 32877	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	274	288	53.15	In Earth orbit
449	464	862961	2025-029P	Starlink 32889	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	274	288	53.15	In Earth orbit
450	465	862962	2025-029Q	Starlink 32858	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	274	288	53.15	In Earth orbit
451	466	862963	2025-029R	Starlink 32882	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	274	288	53.15	In Earth orbit
452	467	862964	2025-029S	Starlink 32887	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	274	288	53.15	In Earth orbit
453	468	862965	2025-029T	Starlink 32836	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	274	288	53.15	In Earth orbit
454	469	862966	2025-029U	Starlink 32888	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	274	288	53.15	In Earth orbit
455	470	862967	2025-029V	Starlink 32897	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	274	288	53.15	In Earth orbit
456	471	862968	2025-029W	Starlink 32863	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	274	288	53.15	In Earth orbit
457	472	862969	2025-029X	Starlink 32894	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	274	288	53.15	In Earth orbit
458	473	862970	2025-029Y	Starlink 32826	2025 Feb 11 0209:00	2025 Feb 11 0310:57	SPXS	US	274	288	53.15	In Earth orbit
459	474	862971	2025-030A	WHDW 02-01	2025 Feb 11 0930	2025 Feb 11 0950:07	ZXW	CN	862	874	50.00	In Earth orbit
460	475	862972	2025-030B	WHDW 02-02	2025 Feb 11 0930	2025 Feb 11 0950:07	ZXW	CN	861	874	49.99	In Earth orbit
461	476	862973	2025-030C	WHDW 02-03	2025 Feb 11 0930	2025 Feb 11 0950:07	ZXW	CN	862	872	50.00	In Earth orbit
462	477	862974	2025-030D	WHDW 02-04	2025 Feb 11 0930	2025 Feb 11 0950:07	ZXW	CN	861	872	50.00	In Earth orbit
463	478	862975	2025-030E	WHDW 02-05	2025 Feb 11 0930	2025 Feb 11 0950:07	ZXW	CN	863	872	50.00	In Earth orbit
464	479	862976	2025-030F	WHDW 02-06	2025 Feb 11 0930	2025 Feb 11 0950:07	ZXW	CN	860	871	50.00	In Earth orbit
465	480	862977	2025-030G	WHDW 02-07	2025 Feb 11 0930	2025 Feb 11 0950:07	ZXW	CN	861	870	50.01	In Earth orbit
466	481	862978	2025-030H	WHDW 02-08	2025 Feb 11 0930	2025 Feb 11 0950:07	ZXW	CN	860	871	50.00	In Earth orbit
467	482	862979	2025-030J	WHDW 02-09	2025 Feb 11 0930	2025 Feb 11 0950:07	ZXW	CN	861	869	50.00	In Earth orbit
468	483	862981	2025-031A	Starlink 11543	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	285	292	43.01	In Earth orbit
469	484	862982	2025-031B	Starlink 11458	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	284	292	43.01	In Earth orbit
470	485	862983	2025-031C	Starlink 11417	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	285	292	43.01	In Earth orbit
471	486	862984	2025-031D	Starlink 11544	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	284	292	43.01	In Earth orbit
472	487	862985	2025-031E	Starlink 11582	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	284	292	43.01	In Earth orbit
473	488	862986	2025-031F	Starlink 11579	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	284	292	43.01	In Earth orbit
474	489	862987	2025-031G	Starlink 11531	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	284	292	43.01	In Earth orbit
475	490	862988	2025-031H	Starlink 11542	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	284	292	43.01	In Earth orbit
476	491	862989	2025-031I	Starlink 11573	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	284	292	43.01	In Earth orbit
477	492	862990	2025-031K	Starlink 11572	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	284	292	43.01	In Earth orbit
478	493	862991	2025-031L	Starlink 11583	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	284	292	43.01	In Earth orbit
479	494	862992	2025-031M	Starlink 11570	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	284	292	43.01	In Earth orbit
480	495	862993	2025-031N	Starlink 11576	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	284	292	43.01	In Earth orbit
481	496	862994	2025-031P	Starlink 32899	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	284	292	43.01	In Earth orbit
482	497	862995	2025-031Q	Starlink 32819	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	284	292	43.01	In Earth orbit
483	498	862996	2025-031R	Starlink 32703	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	284	292	43.01	In Earth orbit
484	499	862997	2025-031S	Starlink 32881	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	284	292	43.01	In Earth orbit
485	500	862998	2025-031T	Starlink 32898	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	284	292	43.01	In Earth orbit
486	501	862999	2025-031U	Starlink 32658	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	284	292	43.01	In Earth orbit
487	502	863000	2025-031V	Starlink 32673	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	284	292	43.01	In Earth orbit
488	503	863001	2025-031W	Starlink 32437	2025 Feb 11 1853:20	2025 Feb 11 1958:42	SPXS	US	284	292	43.01	In Earth orbit
489	504	863005	2025-032A	Starlink 11448	2025 Feb 15 0614:10	2025 Feb 15 0719:37	SPXS	US	286	291	43.01	In Earth orbit
490	505	863006	2025-032B	Starlink 11553	2025 Feb 15 0614:10	2025 Feb 15 0719:37	SPXS	US	285	291	43.01	In Earth orbit
491	506	863007	2025-032C	Starlink 11526	2025 Feb 15 0614:10	2025 Feb 15 0719:37	SPXS	US	285	291	43.01	In Earth orbit
492	507	863008	2025-032D	Starlink 11405	2025 Feb 15 0614:10	2025 Feb 15 0719:37	SPXS	US	285	291	43.01	In Earth orbit
493	508	863009	2025-032E	Starlink 11586	2025 Feb 15 0614:10	2025 Feb 15 0719:37	SPXS	US	285	291	43.01	In Earth orbit
494	509	863010	2025-032F	Starlink 11574	2025 Feb 15 0614:10	2025 Feb 15 0719:37	SPXS	US	285	291	43.01	In Earth orbit
495	510	863011	2025-032G	Starlink 11580	2025 Feb 15 0614:10	2025 Feb 15 0719:37	SPXS	US	285	291	43.01	In Earth orbit
496	511	863012	2025-032H	Starlink 11449	2025 Feb 15 0614:10	2025 Feb 15 0719:37	SPXS	US	285	291	43.01	In Earth orbit
497	512	863013	2025-032J	Starlink 11577	2025 Feb 15 0614:10	2025 Feb 15 0719:37	SPXS	US	285	291	43.01	In Earth orbit
498	513	863014	2025-032K	Starlink 11578	2025 Feb 15 0614:10	2025 Feb 15 0719:37	SPXS	US	285	291	43.01	In Earth orbit
499	514	863015	2025-032L	Starlink 11541	2025 Feb 15 0614:10	2025 Feb 15 0719:37	SPXS	US	285	291	43.01	In Earth orbit
500	515	863016	2025-032M	Starlink 11545	2025 Feb 15 0614:10	2025 Feb 15 0719:37	SPXS	US	285	291	43.01	In Earth orbit
501	516	863017	2025-032N	Starlink 11400	2025 Feb 15 0614:10	2025 Feb 15 0719:37	SPXS	US	285	291	43.01	In Earth orbit
502	517	863018	2025-032P	Starlink 32870	2025 Feb 15 0614:10	2025 Feb 15 0719:37	SPXS	US	285	291	43.01	In Earth orbit
503	518	863019	2025-032Q	Starlink 32872	2025 Feb 15 0614:10	2025 Feb 15 0719:37	SPXS	US	285	291	43.01	In Earth orbit
504	519	863020	2025-032R	Starlink 32677	2025 Feb 15 0614:10	2025 Feb 15 0719:37	SPXS	US	285	291	43.01	In Earth orbit
505	520	863021	2025-032S	Starlink 32929	2025 Feb 15 0614:10	2025 Feb 15 0719:37	SPXS	US	285	291	43.01	In Earth orbit
506	521	863022	2025-032T	Starlink 32944	2025 Feb 15 0614:10	2025 Feb 15 0719:37	SPXS	US	285	291	43.01	In Earth orbit
507	522	863023	2025-032U	Starlink 32943	2025 Feb 15 0614:10	2025 Feb 15 0719:37	SPXS	US	285	291	43.01	In Earth orbit

574	Starlink 32900	2025 Feb 23 0138:20	2025 Feb 23 0239:52	SPXS	US	265	280	70.00	In Earth orbit
575	Starlink 32927	2025 Feb 23 0138:20	2025 Feb 23 0239:52	SPXS	US	265	280	70.00	In Earth orbit
576	Starlink 32907	2025 Feb 23 0138:20	2025 Feb 23 0239:52	SPXS	US	265	280	70.00	In Earth orbit
577	Starlink 32911	2025 Feb 23 0138:20	2025 Feb 23 0239:52	SPXS	US	265	280	70.00	In Earth orbit
578	Starlink 32923	2025 Feb 23 0138:20	2025 Feb 23 0239:52	SPXS	US	264	280	70.00	In Earth orbit
579	Starlink 32913	2025 Feb 23 0138:20	2025 Feb 23 0239:52	SPXS	US	265	280	70.00	In Earth orbit
580	IM-2 Athena	2025 Feb 27 0016:30	2025 Feb 27 0100:15	INTMA	US	211	367501	28.52	Luna
581	Chimera GEO 1	2025 Feb 27 0016:30	2025 Feb 27 0104:45	EPICU	UY	211	367501	28.52	In Earth orbit
582	Lunar Trailblazer	2025 Feb 27 0016:30	2025 Feb 27 0104:45	CIT/JPL	US	215	361591	28.50	Sun
583	Ordin	2025 Feb 27 0016:30	2025 Feb 27 0104:04	AFORGE	US	212	364700	28.51	Sun
584	Orbit Guard 2	2025 Feb 27 0016:30	-	INFORB	F	211	367501	28.52	Attached to Chimera GEO 1
585	Starlink 11629	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
586	Starlink 11624	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
587	Starlink 11584	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
588	Starlink 11627	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
589	Starlink 11632	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
590	Starlink 11625	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
591	Starlink 11601	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
592	Starlink 11630	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
593	Starlink 11590	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
594	Starlink 11598	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
595	Starlink 11600	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
596	Starlink 11597	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
597	Starlink 11591	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
598	Starlink 32955	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
599	Starlink 32945	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
600	Starlink 32941	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
601	Starlink 32942	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
602	Starlink 32961	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
603	Starlink 32947	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
604	Starlink 32948	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
605	Starlink 32957	2025 Feb 27 0334:20	2025 Feb 27 0439:42	SPXS	US	283	292	43.01	In Earth orbit
606	Sweet Gaoling 1-03	2025 Feb 27 0708	2025 Feb 27 0720?	SIWEI	US	283	292	43.01	In Earth orbit
607	Sweet Gaoling 1-04	2025 Feb 27 0708	2025 Feb 27 0720?	SIWEI	CN	489	505	97.31	In Earth orbit
608	Progress MS-30	2025 Feb 27 2124:27	2025 Feb 27 2133:16	RKKE	CN	489	506	97.31	In Earth orbit
609	Kosmos-2584	2025 Mar 3 0202?	2025 Mar 3 0202?	VVKOV/IACG	RU	317	51.63	Deorbited	
610	Starlink 11609	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	19111	19148	64.85	In Earth orbit
611	Starlink 11604	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	285	292	43.01	In Earth orbit
612	Starlink 11610	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	285	292	43.01	In Earth orbit
613	Starlink 11610	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	285	292	43.01	In Earth orbit
614	Starlink 11613	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	285	292	43.01	In Earth orbit
615	Starlink 11616	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	285	292	43.01	In Earth orbit
616	Starlink 11611	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	285	292	43.01	In Earth orbit
617	Starlink 11628	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	285	292	43.01	In Earth orbit
618	Starlink 11607	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	285	292	43.01	In Earth orbit
619	Starlink 11522	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	285	292	43.01	In Earth orbit
620	Starlink 11503	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	285	292	43.01	In Earth orbit
621	Starlink 11579	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	284	292	43.01	In Earth orbit
622	Starlink 11578	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	284	292	43.01	In Earth orbit
623	Starlink 32949	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	284	291	43.00	In Earth orbit
624	Starlink 32952	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	284	292	43.00	In Earth orbit
625	Starlink 32956	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	284	292	43.00	In Earth orbit
626	Starlink 32937	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	284	291	43.00	In Earth orbit
627	Starlink 32939	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	284	291	43.01	In Earth orbit
628	Starlink 32919	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	284	292	43.01	In Earth orbit
629	Starlink 32876	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	284	291	43.01	In Earth orbit
630	Starlink 32915	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	284	291	43.01	In Earth orbit
631	CSO-3	2025 Mar 3 0224:00	2025 Mar 3 0329:16	SPXS	US	284	291	43.01	In Earth orbit
632	Tongxin Jishu Shiyuan 15	2025 Mar 6 1624	2025 Mar 6 1742?	DGA/CNIES	F	801	804	98.61	In Earth orbit
633	Qianfan 05-01	2025 Mar 9 1717	2025 Mar 9 1730?	ZLZB	CN	35775	35795	0.15	In Earth orbit
634	Qianfan 05-02	2025 Mar 11 1638	2025 Mar 11 1730?	YUANX	CN	903	923	88.99	In Earth orbit
635	Qianfan 05-03	2025 Mar 11 1638	2025 Mar 11 1730?	YUANX	CN	917	933	88.99	In Earth orbit
636	Qianfan 05-04	2025 Mar 11 1638	2025 Mar 11 1730?	YUANX	CN	908	928	88.99	In Earth orbit
637	Qianfan 05-05	2025 Mar 11 1638	2025 Mar 11 1730?	YUANX	CN	922	942	88.99	In Earth orbit
638	Qianfan 05-06	2025 Mar 11 1638	2025 Mar 11 1730?	YUANX	CN	897	918	88.99	In Earth orbit
639	Qianfan 05-07	2025 Mar 11 1638	2025 Mar 11 1730?	YUANX	CN	900	920	88.99	In Earth orbit
639	Qianfan 05-08	2025 Mar 11 1638	2025 Mar 11 1730?	YUANX	CN	914	934	88.99	In Earth orbit

640	63166	2025-046H	Qianfan 05-08	2025 Mar 11 1638	2025 Mar 11 1730?	YUANX	CN	896	917	88.99	In Earth orbit
641	63167	2025-046J	Qianfan 05-09	2025 Mar 11 1638	2025 Mar 11 1730?	YUANX	CN	904	925	88.99	In Earth orbit
642	63168	2025-046K	Qianfan 05-10	2025 Mar 11 1638	2025 Mar 11 1730?	YUANX	CN	904	926	88.99	In Earth orbit
643	63169	2025-046L	Qianfan 05-11	2025 Mar 11 1638	2025 Mar 11 1730?	YUANX	CN	914	936	89.00	In Earth orbit
644	63170	2025-046M	Qianfan 05-12	2025 Mar 11 1638	2025 Mar 11 1730?	YUANX	CN	917	937	88.99	In Earth orbit
645	63171	2025-046N	Qianfan 05-13	2025 Mar 11 1638	2025 Mar 11 1730?	YUANX	CN	909	929	88.99	In Earth orbit
646	63172	2025-046P	Qianfan 05-14	2025 Mar 11 1638	2025 Mar 11 1730?	YUANX	CN	895	916	88.99	In Earth orbit
647	63173	2025-046Q	Qianfan 05-15	2025 Mar 11 1638	2025 Mar 11 1730?	YUANX	CN	893	914	88.99	In Earth orbit
648	63174	2025-046R	Qianfan 05-16	2025 Mar 11 1638	2025 Mar 11 1730?	YUANX	CN	896	916	88.99	In Earth orbit
649	63175	2025-046S	Qianfan 05-17	2025 Mar 11 1638	2025 Mar 11 1730?	YUANX	CN	893	913	88.99	In Earth orbit
650	63176	2025-046T	Qianfan 05-18	2025 Mar 11 1638	2025 Mar 11 1730?	YUANX	CN	894	915	88.99	In Earth orbit
651	63178	2025-047A	SPHEREX	2025 Mar 12 0310:12	2025 Mar 12 0352:08	JPL	US	638	658	97.95	In Earth orbit
652	63179	2025-047B	PUNCH-NFI	2025 Mar 12 0310:12	2025 Mar 12 0402:28	SWRI/GSFC	US	637	661	97.96	In Earth orbit
653	63180	2025-047C	PUNCH-WFI-1	2025 Mar 12 0310:12	2025 Mar 12 0402:28	SWRI/GSFC	US	638	662	97.96	In Earth orbit
654	63181	2025-047D	PUNCH-WFI-3	2025 Mar 12 0310:12	2025 Mar 12 0403:19	SWRI/GSFC	US	638	663	97.96	In Earth orbit
655	63182	2025-047E	PUNCH-WFI-2	2025 Mar 12 0310:12	2025 Mar 12 0403:19	SWRI/GSFC	US	644	661	97.98	In Earth orbit
656	63183	2025-048A	Starlink 11602	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	282	289	43.01	In Earth orbit
657	63184	2025-048B	Starlink 11617	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	282	289	43.01	In Earth orbit
658	63185	2025-048C	Starlink 11618	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	282	289	43.01	In Earth orbit
659	63186	2025-048D	Starlink 11646	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	281	289	43.01	In Earth orbit
660	63187	2025-048E	Starlink 11622	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	281	289	43.01	In Earth orbit
661	63188	2025-048F	Starlink 11629	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	281	289	43.01	In Earth orbit
662	63189	2025-048G	Starlink 11639	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	281	289	43.01	In Earth orbit
663	63190	2025-048H	Starlink 11637	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	281	289	43.01	In Earth orbit
664	63191	2025-048J	Starlink 11647	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	281	289	43.01	In Earth orbit
665	63192	2025-048K	Starlink 11635	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	281	289	43.01	In Earth orbit
666	63193	2025-048L	Starlink 11636	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	281	289	43.01	In Earth orbit
667	63194	2025-048M	Starlink 11631	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	281	289	43.01	In Earth orbit
668	63195	2025-048N	Starlink 11631	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	281	289	43.01	In Earth orbit
669	63196	2025-048P	Starlink 32946	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	281	289	43.01	In Earth orbit
670	63197	2025-048Q	Starlink 32960	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	281	289	43.01	In Earth orbit
671	63198	2025-048R	Starlink 32904	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	281	289	43.01	In Earth orbit
672	63199	2025-048S	Starlink 32931	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	281	289	43.01	In Earth orbit
673	63200	2025-048T	Starlink 32934	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	281	289	43.01	In Earth orbit
674	63201	2025-048U	Starlink 32938	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	281	289	43.01	In Earth orbit
675	63202	2025-048V	Starlink 32935	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	281	289	43.01	In Earth orbit
676	63203	2025-048W	Starlink 32930	2025 Mar 13 0235:30	2025 Mar 13 0340:46	SPXS	US	281	289	43.01	In Earth orbit
677	63204	2025-049A	Dragon Endurance (Crew-10)	2025 Mar 14 2303:48	2025 Mar 14 2358:55	SPX	US	210	242	51.65	Landed
678	63205	2025-050A	Susano-1	2025 Mar 15 0000	2025 Mar 15 0055	QPS	J	572	573	42.00	In Earth orbit
679	63208	2025-051A	Siwei Gaogang 3-02	2025 Mar 15 0411	2025 Mar 15 0425?	SIWEI	CN	489	502	97.49	In Earth orbit
680	63209	2025-051B	Tianyan-23	2025 Mar 15 0411	2025 Mar 15 0425?	TLCJ/ZZQY	CN	489	501	97.49	In Earth orbit
681	63210	2025-052A	JinruSat-1B	2025 Mar 15 0643:00	2025 Mar 15 0737	KTL	KR	511	513	97.44	In Earth orbit
682	63211	2025-052B	NUSHSat-1	2025 Mar 15 0643:00	2025 Mar 15 0737	NUSHS	SG	511	513	97.44	In Earth orbit
683	63212	2025-052C	Starlink IOD-1	2025 Mar 15 0643:00	2025 Mar 15 0737	STCAL	E	510	513	97.44	In Earth orbit
684	63213	2025-052D	? Level 2-9	2025 Mar 15 0643:00	2025 Mar 15 0737	TAU/ISA	IL	510	512	97.44	In Earth orbit
685	63214	2025-052E	? Level 2-2	2025 Mar 15 0643:00	2025 Mar 15 0738	TAU/ISA	IL	511	515	97.44	In Earth orbit
686	63215	2025-052F	? Level 2-8	2025 Mar 15 0643:00	2025 Mar 15 0737	TAU/ISA	IL	511	511	97.44	In Earth orbit
687	63216	2025-052G	? Botsat-1	2025 Mar 15 0643:00	2025 Mar 15 0738	BIUST	BW	511	513	97.44	In Earth orbit
688	63217	2025-052H	? Level 2-7	2025 Mar 15 0643:00	2025 Mar 15 0737	TAU/ISA	IL	508	513	97.45	In Earth orbit
689	63218	2025-052J	? NILA	2025 Mar 15 0643:00	2025 Mar 15 0736	HEX20	IN	508	513	97.45	In Earth orbit
690	63219	2025-052K	? RAPSat-1C	2025 Mar 15 0643:00	2025 Mar 15 0739	NSL	US	513	518	97.44	In Earth orbit
691	63220	2025-052L	Aerocube 18A	2025 Mar 15 0643:00	2025 Mar 15 0739	AERO	US	512	517	97.44	In Earth orbit
692	63221	2025-052M	? Level 2-1	2025 Mar 15 0643:00	2025 Mar 15 0739	TAU/ISA	IL	511	516	97.45	In Earth orbit
693	63222	2025-052N	Aerocube 18B	2025 Mar 15 0643:00	2025 Mar 15 0739	AERO	US	512	518	97.45	In Earth orbit
694	63223	2025-052P	DRUID-002	2025 Mar 15 0643:00	2025 Mar 15 0740?	TURION	US	512	521	97.44	In Earth orbit
695	63224	2025-052Q	Pioneer-03	2025 Mar 15 0643:00	2025 Mar 15 0742?	VARDA	US	511	520	97.45	Deorbited
696	63225	2025-052R	Tomorrow-S6	2025 Mar 15 0643:00	2025 Mar 15 0741?	TOMIO	US	511	520	97.45	In Earth orbit
697	63226	2025-052S	Ethrad-SAT	2025 Mar 15 0643:00	2025 Mar 15 0743?	MBRSC	UAE	511	521	97.44	In Earth orbit
698	63227	2025-052T	Clarity-1	2025 Mar 15 0643:00	2025 Mar 15 0748	ALBEDO	US	509	515	97.44	In Earth orbit
699	63228	2025-052U	RAPSat-1A	2025 Mar 15 0643:00	2025 Mar 15 0739	NSL	US	512	517	97.44	In Earth orbit
700	63229	2025-052V	SpaceEye-T	2025 Mar 15 0643:00	2025 Mar 15 0748	SATREC	KR	513	522	97.44	In Earth orbit
701	63230	2025-052W	ION Marvelous Mathias	2025 Mar 15 0643:00	2025 Mar 15 0742?	DORBIT	I	511	520	97.44	In Earth orbit
702	63231	2025-052X	M-SEL	2025 Mar 15 0643:00	2025 Mar 15 0741?	MITRE	US	511	520	97.45	In Earth orbit
703	63232	2025-052Y	Sphinx	2025 Mar 15 0643:00	2025 Mar 15 0747?	VESTGO/ADIG	US	512	519	97.44	In Earth orbit
704	63233	2025-052Z	LizzieSat-3	2025 Mar 15 0643:00	2025 Mar 15 0740?	SIDUS	US	512	520	97.45	In Earth orbit
705	63234	2025-052AA	Tomorrow-S5	2025 Mar 15 0643:00	2025 Mar 15 0738	TOMIO	US	511	515	97.45	In Earth orbit

706	706	663235	2025-052AB	OTP-2	2025 Mar 15 0643:00	2025 Mar 15 0738	ROGUE	US	512	515	97.44	In Earth orbit
707	721	663236	2025-052AC	OnoAstro-TR5	2025 Mar 15 0643:00	2025 Mar 15 0737	ORBAS/LIFTE	UK	510	512	97.44	In Earth orbit
708	722	663237	2025-052AD	Level 2-4	2025 Mar 15 0643:00	2025 Mar 15 0739	TAU/ISA	IL	511	517	97.44	In Earth orbit
709	723	663238	2025-052AE	ORCA-2b	2025 Mar 15 0643:00	2025 Mar 15 0739	DARPA2?	US	512	519	97.44	In Earth orbit
710	724	663239	2025-052AF	Level 2-3	2025 Mar 15 0643:00	2025 Mar 15 0737	TAU/ISA	IL	511	516	97.45	In Earth orbit
711	725	663240	2025-052AG	Al Munther	2025 Mar 15 0643:00	2025 Mar 15 0737	BNSSA	BH	511	512	97.44	In Earth orbit
712	726	663241	2025-052AH	RAPSat-1B	2025 Mar 15 0643:00	2025 Mar 15 0739	NSL	US	512	517	97.45	In Earth orbit
713	727	663242	2025-052AJ	HERMES Pathfinder H1	2025 Mar 15 0643:00	2025 Mar 24 0704:21	ASI	I	513	520	97.45	In Earth orbit
714	728	663243	2025-052AK	HERMES Pathfinder H2	2025 Mar 15 0643:00	2025 Mar 25 0649:25	ASI	I	498	514	97.44	In Earth orbit
715	729	663244	2025-052AL	PANDORE	2025 Mar 15 0643:00	2025 Mar 15 0901	USPACE	F	591	594	97.74	In Earth orbit
716	730	663245	2025-052AM	Buccaneer-MM	2025 Mar 15 0643:00	2025 Mar 15 0901	UNSW/DSTO	AU	591	592	97.74	In Earth orbit
717	731	663246	2025-052AN	Lemur-2 Leia-Philip	2025 Mar 15 0643:00	2025 Mar 15 0903	SPIRE	US	588	592	97.74	In Earth orbit
718	732	663247	2025-052AP	EZIE-A	2025 Mar 15 0643:00	2025 Mar 15 0901	APL/JPL	US	591	593	97.74	In Earth orbit
719	733	663248	2025-052AQ	Lemur-2 Lia-Martin	2025 Mar 15 0643:00	2025 Mar 15 0901	SPIRE	US	591	591	97.74	In Earth orbit
720	734	663249	2025-052AR	EZIE-B	2025 Mar 15 0643:00	2025 Mar 15 0901	APL/JPL	US	589	591	97.74	In Earth orbit
721	735	663250	2025-052AS	EZIE-C	2025 Mar 15 0643:00	2025 Mar 15 0901	APL/JPL	US	591	592	97.74	In Earth orbit
722	736	663251	2025-052AT	UVSQ-Sat NG	2025 Mar 15 0643:00	2025 Mar 15 0901	LATMOS	F	591	593	97.74	In Earth orbit
723	737	663252	2025-052AU	ARVAKER 1	2025 Mar 15 0643:00	2025 Mar 15 0903	NSC	N	588	591	97.74	In Earth orbit
724	738	663253	2025-052AV	ICEYE-X48	2025 Mar 15 0643:00	2025 Mar 15 0904	ICEUS	US	586	591	97.74	In Earth orbit
725	739	663254	2025-052AW	YAM-8	2025 Mar 15 0643:00	2025 Mar 15 0905	LOFT	US	586	591	97.74	In Earth orbit
726	740	663255	2025-052AX	ICEYE-X50	2025 Mar 15 0643:00	2025 Mar 15 0905	ICEYE	FI	585	591	97.74	In Earth orbit
727	741	663256	2025-052AY	FireSat0	2025 Mar 15 0643:00	2025 Mar 15 0904	MUON	US	586	591	97.74	In Earth orbit
728	742	663257	2025-052AZ	ICEYE-X51	2025 Mar 15 0643:00	2025 Mar 15 0905	ICEUS	US	589	591	97.74	In Earth orbit
729	743	663258	2025-052BA	ICEYE-X46	2025 Mar 15 0643:00	2025 Mar 15 0902	ICEYE	FI	585	591	97.74	In Earth orbit
730	744	663259	2025-052BB	Lemur-2 Deloitte-1	2025 Mar 15 0643:00	2025 Mar 15 0902	SPIRE/DELCS	US	589	591	97.74	In Earth orbit
731	745	663260	2025-052BC	HYRID	2025 Mar 15 0643:00	2025 Mar 15 0901	YONS	KR	591	593	97.74	In Earth orbit
732	746	663261	2025-052BD	Lemur-2 EmersonRose	2025 Mar 15 0643:00	2025 Mar 15 0901	SPIRE	US	591	593	97.74	In Earth orbit
733	747	663262	2025-052BE	Lemur-2 Marache-Fran	2025 Mar 15 0643:00	2025 Mar 15 0900	SPIRE	US	591	594	97.73	In Earth orbit
734	748	663263	2025-052BF	SOAP	2025 Mar 15 0643:00	2025 Mar 15 0901	USPACE	F	591	595	97.74	In Earth orbit
735	749	663264	2025-052BG	Lemur-2 TheFalconer	2025 Mar 15 0643:00	2025 Mar 15 0901	SPIRE	US	591	593	97.74	In Earth orbit
736	750	663395	2025-052BH	Lemur-2 Balto	2025 Mar 15 0643:00	2025 Mar 15 0900	SPIRE	US	591	596	97.74	In Earth orbit
737	751	663489	2025-052BK	HERMES Pathfinder H6	2025 Mar 15 0643:00	2025 Apr 3 0905:00	ASI	I	512	520	97.45	In Earth orbit
738	752	663490	2025-052BL	HYDRA-W	2025 Mar 15 0643:00	2025 Mar 31?	HYDRA	E	500	515	97.44	In Earth orbit
739	753	663491	2025-052BM	Unicom-2Q	2025 Mar 15 0643:00	2025 Mar 31	ALBAD	D	502	517	97.44	Reentered
740	754	663492	2025-052BN	HADES-ICM	2025 Mar 15 0643:00	2025 Mar 31 0737	HYDRA/ICH	E	501	516	97.44	In Earth orbit
741	755	663833	2025-052BP	HERMES Pathfinder H4	2025 Mar 15 0643:00	2025 Apr 10 0552:00	ASI	I	513	518	97.44	In Earth orbit
742	756	663834	2025-052BQ	HERMES Pathfinder H5	2025 Mar 15 0643:00	2025 Apr 9 1847:00	ASI	I	507	517	97.45	In Earth orbit
743	757	663835	2025-052BR	HERMES Pathfinder H3	2025 Mar 15 0643:00	2025 Apr 11 0537:00	ASI	I	503	516	97.44	In Earth orbit
744	758	663980	2025-052BS	Unicom-2O	2025 Mar 15 0643:00	2025 May 6 0536:00	ALBAD	D	513	521	97.44	In Earth orbit
745	759	663981	2025-052BT	Unicom-2P	2025 Mar 15 0643:00	2025 May 6 0536:00	ALBAD	D	513	520	97.44	In Earth orbit
746	760	A11626	2025-052BS	Level 2-6	2025 Mar 15 0643:00	2025 Mar 15 0739	TAU/ISA	IL	512	517	97.45	In Earth orbit
747	761	A11626	2025-052	Level 2-5	2025 Mar 15 0643:00	2025 Mar 15 0739	TAU/ISA	IL	511	517	97.45	In Earth orbit
748	762	663265	2025-053A	Starlink 11654	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
749	763	663266	2025-053B	Starlink 11659	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
750	764	663267	2025-053C	Starlink 11659	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
751	765	663268	2025-053D	Starlink 11641	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
752	766	663269	2025-053E	Starlink 11638	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
753	767	663270	2025-053F	Starlink 11614	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
754	768	663271	2025-053G	Starlink 11620	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
755	769	663272	2025-053H	Starlink 11619	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
756	770	663273	2025-053J	Starlink 11621	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
757	771	663274	2025-053K	Starlink 11615	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
758	772	663275	2025-053L	Starlink 11603	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
759	773	663276	2025-053M	Starlink 11628	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
760	774	663277	2025-053N	Starlink 11612	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
761	775	663278	2025-053P	Starlink 33660	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	283	291	43.00	Reentered
762	776	663279	2025-053Q	Starlink 33611	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
763	777	663280	2025-053R	Starlink 33662	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
764	778	663281	2025-053S	Starlink 33665	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
765	779	663282	2025-053T	Starlink 33603	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
766	780	663283	2025-053U	Starlink 33669	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
767	781	663284	2025-053V	Starlink 33673	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
768	782	663285	2025-053W	Starlink 33662	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
769	783	663286	2025-053X	Starlink 33613	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
770	784	663287	2025-053Y	Starlink 33680	2025 Mar 15 1135:10	2025 Mar 15 1240:26	SPXS	US	284	292	43.00	In Earth orbit
771		663288	2025-054A	Kosmos-2585	2025 Mar 16 1050	2025 Mar 16 1135?	VVKOV	RU	1492	1517	82.50	In Earth orbit

772	786	S63289	2025-054B	Kosmos-2586	2025 Mar 16 1050	2025 Mar 16 1135?	VVKOV	RU	1492	1514	82.50	In Earth orbit
773	787	S63290	2025-054C	Kosmos-2587	2025 Mar 16 1050	2025 Mar 16 1135?	VVKOV	RU	1491	1513	82.50	In Earth orbit
774	788	S63291	2025-055A	Yuniao-1 55	2025 Mar 17 0807	2025 Mar 17 0825?	YYAO	CN	528	546	97.59	In Earth orbit
775	789	S63292	2025-055B	Yuniao-1 56	2025 Mar 17 0807	2025 Mar 17 0825?	YYAO	CN	528	546	97.59	In Earth orbit
776	790	S63293	2025-055C	Yuniao-1 57	2025 Mar 17 0807	2025 Mar 17 0825?	YYAO	CN	528	547	97.60	In Earth orbit
777	791	S63294	2025-055D	Yuniao-1 58	2025 Mar 17 0807	2025 Mar 17 0825?	YYAO	CN	528	547	97.60	In Earth orbit
778	792	S63295	2025-055E	Yuniao-1 59	2025 Mar 17 0807	2025 Mar 17 0825?	YYAO	CN	529	546	97.60	In Earth orbit
779	793	S63296	2025-055F	Yuniao-1 60	2025 Mar 17 0807	2025 Mar 17 0825?	YYAO	CN	529	546	97.60	In Earth orbit
780	794	S63297	2025-055G	AIRESAT-06	2025 Mar 17 0807	2025 Mar 17 0825?	ZHWK/JIG	CN	529	546	97.60	In Earth orbit
781	795	S63298	2025-055H	AIRESAT-07	2025 Mar 18 0131	2025 Mar 18 0237	ZHWK/JIG	CN	529	546	97.60	In Earth orbit
782	796	S63300	2025-056A	Kineis-4E	2025 Mar 18 0131	2025 Mar 18 0237	KINEIS	F	644	647	97.97	In Earth orbit
783	797	S63301	2025-056B	Kineis-4C	2025 Mar 18 0131	2025 Mar 18 0237	KINEIS	F	644	646	97.97	In Earth orbit
784	798	S63302	2025-056C	Kineis-4D	2025 Mar 18 0131	2025 Mar 18 0237	KINEIS	F	644	645	97.97	In Earth orbit
785	799	S63303	2025-056D	Kineis-4A	2025 Mar 18 0131	2025 Mar 18 0237	KINEIS	F	644	645	97.97	In Earth orbit
786	800	S63304	2025-056E	Kineis-4B	2025 Mar 18 0131	2025 Mar 18 0237	KINEIS	F	642	645	97.97	In Earth orbit
787	801	S63307	2025-057A	Starlink 11568	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
788	802	S63308	2025-057B	Starlink 11585	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
789	803	S63309	2025-057C	Starlink 11587	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
790	804	S63310	2025-057D	Starlink 11587	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
791	805	S63311	2025-057E	Starlink 11589	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
792	806	S63312	2025-057F	Starlink 11650	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
793	807	S63313	2025-057G	Starlink 11648	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
794	808	S63314	2025-057H	Starlink 11640	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
795	809	S63315	2025-057I	Starlink 11652	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
796	810	S63316	2025-057J	Starlink 11645	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
797	811	S63317	2025-057L	Starlink 11653	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
798	812	S63318	2025-057M	Starlink 11593	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
799	813	S63319	2025-057N	Starlink 11588	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
800	814	S63320	2025-057P	Starlink 33671	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
801	815	S63321	2025-057Q	Starlink 33650	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
802	816	S63322	2025-057R	Starlink 33669	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
803	817	S63323	2025-057S	Starlink 33607	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
804	818	S63324	2025-057T	Starlink 33619	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
805	819	S63325	2025-057U	Starlink 33612	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
806	820	S63326	2025-057V	Starlink 33672	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
807	821	S63327	2025-057W	Starlink 33625	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
808	822	S63328	2025-057X	Starlink 33609	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
809	823	S63329	2025-057Y	Starlink 33674	2025 Mar 18 1957:50	2025 Mar 18 2103:07	SPXS	US	283	292	43.01	In Earth orbit
810	824	S63333	2025-058A	USA 487	2025 Mar 21 0649	2025 Mar 21 0749?	NROC	US	503	517	69.99	In Earth orbit
811	825	S63334	2025-058B	USA 488	2025 Mar 21 0649	2025 Mar 21 0749?	NROC	US	496	501	70.00	In Earth orbit
812	826	S63335	2025-058C	USA 489	2025 Mar 21 0649	2025 Mar 21 0749?	NROC	US	499	510	70.00	In Earth orbit
813	827	S63336	2025-058D	USA 490	2025 Mar 21 0649	2025 Mar 21 0749?	NROC	US	497	504	70.00	In Earth orbit
814	828	S63337	2025-058E	USA 491	2025 Mar 21 0649	2025 Mar 21 0749?	NROC	US	498	507	70.00	In Earth orbit
815	829	S63338	2025-058F	USA 492	2025 Mar 21 0649	2025 Mar 21 0749?	NROC	US	498	505	70.00	In Earth orbit
816	830	S63339	2025-058G	USA 493	2025 Mar 21 0649	2025 Mar 21 0749?	NROC	US	499	508	70.00	In Earth orbit
817	831	S63340	2025-058H	USA 494	2025 Mar 21 0649	2025 Mar 21 0749?	NROC	US	508	517	69.99	In Earth orbit
818	832	S63341	2025-058J	USA 495	2025 Mar 21 0649	2025 Mar 21 0749?	NROC	US	508	517	69.99	In Earth orbit
819	833	S63342	2025-058K	USA 496	2025 Mar 21 0649	2025 Mar 21 0749?	NROC	US	497	502	70.00	In Earth orbit
820	834	S63343	2025-058L	USA 497	2025 Mar 21 0649	2025 Mar 21 0749?	NROC	US	499	512	70.00	In Earth orbit
821	835	S63344	2025-059A	Yuniao-1 43	2025 Mar 21 1107	2025 Mar 21 1125?	YYAO	CN	532	547	97.59	In Earth orbit
822	836	S63345	2025-059B	Yuniao-1 44	2025 Mar 21 1107	2025 Mar 21 1125?	YYAO	CN	535	547	97.60	In Earth orbit
823	837	S63346	2025-059C	Yuniao-1 45	2025 Mar 21 1107	2025 Mar 21 1125?	YYAO	CN	528	546	97.60	In Earth orbit
824	838	S63347	2025-059D	Yuniao-1 46	2025 Mar 21 1107	2025 Mar 21 1125?	YYAO	CN	529	546	97.60	In Earth orbit
825	839	S63348	2025-059E	Yuniao-1 47	2025 Mar 21 1107	2025 Mar 21 1125?	YYAO	CN	530	547	97.60	In Earth orbit
826	840	S63349	2025-059F	Yuniao-1 48	2025 Mar 21 1107	2025 Mar 21 1125?	YYAO	CN	529	546	97.60	In Earth orbit
827	841	S63350	2025-060A	USA 498	2025 Mar 24 1748	2025 Mar 24 1900?	NROC/USN	US	908	1306	64.07	In Earth orbit
828	842	S63351	2025-061A	OTC-P1-1	2025 Mar 26 1530	2025 Mar 26 1622	ORORA	D	527	566	97.52	In Earth orbit
829	843	S63352	2025-061B	OTC-P1-2	2025 Mar 26 1530	2025 Mar 26 1622	ORORA	D	525	556	97.52	In Earth orbit
830	844	S63353	2025-061C	OTC-P1-3	2025 Mar 26 1530	2025 Mar 26 1623	ORORA	D	524	556	97.52	In Earth orbit
831	845	S63354	2025-061D	OTC-P1-4	2025 Mar 26 1530	2025 Mar 26 1623	ORORA	D	524	557	97.52	In Earth orbit
832	846	S63355	2025-061E	OTC-P1-5	2025 Mar 26 1530	2025 Mar 26 1624	ORORA	D	526	552	97.52	In Earth orbit
833	847	S63356	2025-061F	OTC-P1-6	2025 Mar 26 1530	2025 Mar 26 1624	ORORA	D	525	548	97.51	In Earth orbit
834	848	S63357	2025-061G	OTC-P1-7	2025 Mar 26 1530	2025 Mar 26 1624	ORORA	D	520	556	97.51	In Earth orbit
835	849	S63358	2025-061H	OTC-P1-8	2025 Mar 26 1530	2025 Mar 26 1624	ORORA	D	524	552	97.52	In Earth orbit
836	850	S63361	2025-062A	Tian Lian 2-04	2025 Mar 26 1555	2025 Mar 26 1620?	CAST	CN	35659	35916	5.37	In Earth orbit
837	851	S63363	2025-063A	Starlink 32840	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	278	290	53.16	In Earth orbit

838	852	863364	2025-063B	Starlink 32543	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	278	290	53.16	In Earth orbit
839	853	863365	2025-063C	Starlink 33741	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	278	290	53.16	In Earth orbit
840	854	863366	2025-063D	Starlink 33742	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	278	290	53.16	In Earth orbit
841	855	863367	2025-063E	Starlink 33743	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	278	290	53.16	In Earth orbit
842	856	863368	2025-063F	Starlink 33578	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	278	290	53.16	In Earth orbit
843	857	863369	2025-063G	Starlink 33626	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	278	290	53.16	In Earth orbit
844	858	863370	2025-063H	Starlink 33657	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	278	290	53.16	In Earth orbit
845	859	863371	2025-063J	Starlink 33648	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	278	290	53.16	In Earth orbit
846	860	863372	2025-063K	Starlink 33614	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	278	290	53.16	In Earth orbit
847	861	863373	2025-063L	Starlink 33617	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	278	290	53.16	In Earth orbit
848	862	863374	2025-063M	Starlink 33616	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	278	290	53.16	In Earth orbit
849	863	863375	2025-063N	Starlink 33621	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	278	290	53.16	In Earth orbit
850	864	863376	2025-063P	Starlink 33559	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	278	290	53.16	In Earth orbit
851	865	863377	2025-063Q	Starlink 33634	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	277	290	53.16	In Earth orbit
852	866	863378	2025-063R	Starlink 33640	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	278	290	53.16	In Earth orbit
853	867	863379	2025-063S	Starlink 33636	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	277	290	53.16	In Earth orbit
854	868	863380	2025-063T	Starlink 33633	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	277	290	53.16	In Earth orbit
855	869	863381	2025-063U	Starlink 33643	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	277	290	53.16	In Earth orbit
856	870	863382	2025-063V	Starlink 33633	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	277	290	53.16	In Earth orbit
857	871	863383	2025-063W	Starlink 33748	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	277	290	53.16	In Earth orbit
858	872	863384	2025-063X	Starlink 33658	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	277	290	53.16	In Earth orbit
859	873	863385	2025-063Y	Starlink 33616	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	277	290	53.16	In Earth orbit
860	874	863386	2025-063Z	Starlink 33571	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	277	290	53.16	In Earth orbit
861	875	863387	2025-063AA	Starlink 33533	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	277	290	53.16	In Earth orbit
862	876	863388	2025-063AB	Starlink 33629	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	277	290	53.16	In Earth orbit
863	877	863389	2025-063AC	Starlink 33656	2025 Mar 26 2211:40	2025 Mar 26 2312:34	SPXS	US	277	290	53.16	In Earth orbit
864	878	863397	2025-064A	Tongxin Jishi Shiyun 16	2025 Mar 29 1605	2025 Mar 29 1630?	ZLZB	CN	35779	35794	0.12	In Earth orbit
865	879	863399	2025-065A	Starlink 33531	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	275	285	43.00	In Earth orbit
866	880	863400	2025-065B	Starlink 33652	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	275	285	43.00	In Earth orbit
867	881	863401	2025-065C	Starlink 33707	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	275	285	43.00	In Earth orbit
868	882	863402	2025-065D	Starlink 33668	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	275	284	43.00	In Earth orbit
869	883	863403	2025-065E	Starlink 33676	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	275	284	43.00	In Earth orbit
870	884	863404	2025-065F	Starlink 33711	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	275	284	43.00	In Earth orbit
871	885	863405	2025-065G	Starlink 33708	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	275	284	43.00	In Earth orbit
872	886	863406	2025-065H	Starlink 33690	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	275	284	43.00	In Earth orbit
873	887	863407	2025-065J	Starlink 33694	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	275	284	43.00	In Earth orbit
874	888	863408	2025-065K	Starlink 33692	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	275	284	43.00	In Earth orbit
875	889	863409	2025-065L	Starlink 33693	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	275	284	43.00	In Earth orbit
876	890	863410	2025-065M	Starlink 33677	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	275	284	43.00	In Earth orbit
877	891	863411	2025-065N	Starlink 33647	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	275	284	43.00	In Earth orbit
878	892	863412	2025-065P	Starlink 33645	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	275	284	43.00	In Earth orbit
879	893	863413	2025-065Q	Starlink 33670	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	275	284	43.00	In Earth orbit
880	894	863414	2025-065R	Starlink 33644	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	275	284	43.00	In Earth orbit
881	895	863415	2025-065S	Starlink 33664	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	275	284	43.00	In Earth orbit
882	896	863416	2025-065T	Starlink 33649	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	275	284	43.00	In Earth orbit
883	897	863417	2025-065U	Starlink 33535	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	275	284	43.00	In Earth orbit
884	898	863418	2025-065V	Starlink 33703	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	274	284	43.00	In Earth orbit
885	899	863419	2025-065W	Starlink 33709	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	274	284	43.00	In Earth orbit
886	900	863420	2025-065X	Starlink 33698	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	274	284	43.00	In Earth orbit
887	901	863421	2025-065Y	Starlink 33606	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	274	284	43.00	In Earth orbit
888	902	863422	2025-065Z	Starlink 33686	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	274	284	43.00	In Earth orbit
889	903	863423	2025-065AA	Starlink 33675	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	274	284	43.00	In Earth orbit
890	904	863424	2025-065AB	Starlink 33655	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	274	284	43.00	In Earth orbit
891	905	863425	2025-065AC	Starlink 33608	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	274	284	43.00	In Earth orbit
892	906	863426	2025-065AD	Starlink 33615	2025 Mar 31 1952:50	2025 Mar 31 2058:14	SPXS	US	274	284	43.00	In Earth orbit
893	907	863427	2025-066A	Dragon Resilience (Fram-2)	2025 Apr 1 0146	2025 Apr 1 0155	SPX	US	426	432	90.00	Landed
894	908	863428	2025-066A	Huilianwang Jishu SW 6-01	2025 Apr 1 0400	2025 Apr 1 0415?	ZXW	CN	447	457	55.00	Reentered
895	909	863429	2025-066B	Huilianwang Jishu SW 6-02	2025 Apr 1 0400	2025 Apr 1 0415?	ZXW	CN	444	456	55.00	In Earth orbit
896	910	863430	2025-067C	Huilianwang Jishu SW 6-03	2025 Apr 1 0400	2025 Apr 1 0415?	ZXW	CN	444	456	54.99	In Earth orbit
897	911	863431	2025-067D	Huilianwang Jishu SW 6-04	2025 Apr 1 0400	2025 Apr 1 0415?	ZXW	CN	445	457	55.00	In Earth orbit
898	912	863432	2025-068A	Tianping-3A(02)	2025 Apr 3 0212	2025 Apr 3 0227?	ZJUNI	CN	452	795	43.00	In Earth orbit
899	913	863433	2025-069A	Starlink 33682	2025 Apr 4 0102:50	2025 Apr 4 0202:51	SPXS	US	272	284	53.16	In Earth orbit
900	914	863434	2025-069B	Starlink 33710	2025 Apr 4 0102:50	2025 Apr 4 0202:51	SPXS	US	272	284	53.16	In Earth orbit
901	915	863435	2025-069C	Starlink 33733	2025 Apr 4 0102:50	2025 Apr 4 0202:51	SPXS	US	272	284	53.16	In Earth orbit
902	916	863436	2025-069D	Starlink 33638	2025 Apr 4 0102:50	2025 Apr 4 0202:51	SPXS	US	272	284	53.16	In Earth orbit
903	917	863437	2025-069E	Starlink 33726	2025 Apr 4 0102:50	2025 Apr 4 0202:51	SPXS	US	272	284	53.16	In Earth orbit

970	984	S63509	2025-071S	Starlink 33678	2025 Apr 7 2306:10	2025 Apr 8 0005:10	SPXS	US	277	288	53.16	In Earth orbit
971	985	S63510	2025-071T	Starlink 33764	2025 Apr 7 2306:10	2025 Apr 8 0005:10	SPXS	US	277	288	53.16	In Earth orbit
972	986	S63511	2025-071U	Starlink 33801	2025 Apr 7 2306:10	2025 Apr 8 0005:10	SPXS	US	276	288	53.16	In Earth orbit
973	987	S63512	2025-071V	Starlink 33751	2025 Apr 7 2306:10	2025 Apr 8 0005:10	SPXS	US	276	288	53.16	In Earth orbit
974	988	S63513	2025-071W	Starlink 33750	2025 Apr 7 2306:10	2025 Apr 8 0005:10	SPXS	US	276	288	53.16	In Earth orbit
975	989	S63514	2025-071X	Starlink 33786	2025 Apr 7 2306:10	2025 Apr 8 0005:10	SPXS	US	276	288	53.16	In Earth orbit
976	990	S63515	2025-071Y	Starlink 33796	2025 Apr 7 2306:10	2025 Apr 8 0005:10	SPXS	US	276	288	53.16	In Earth orbit
977	991	S63516	2025-071Z	Starlink 33803	2025 Apr 7 2306:10	2025 Apr 8 0005:10	SPXS	US	276	288	53.16	In Earth orbit
978	992	S63517	2025-071AA	Starlink 33805	2025 Apr 7 2306:10	2025 Apr 8 0005:10	SPXS	US	276	288	53.16	In Earth orbit
979	993	S63518	2025-071AB	Starlink 33807	2025 Apr 7 2306:10	2025 Apr 8 0005:10	SPXS	US	276	288	53.16	In Earth orbit
980	994	S63519	2025-071AC	Starlink 33787	2025 Apr 7 2306:10	2025 Apr 8 0005:10	SPXS	US	276	288	53.16	In Earth orbit
981	995	S63520	2025-072A	Soyuz MS-27	2025 Apr 8 0547:15	2025 Apr 8 0556:04	RKKE	RU	415	421	51.64	Landed
982	996	S63524	2025-073A	Tongxin Jishu Shiyuan 17	2025 Apr 10 1647	2025 Apr 10 1712?	ZLZB	CN	35779	35794	0.11	In Earth orbit
983	997	S63526	2025-074A	USA 499	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	281	325	69.90	In Earth orbit
984	998	S63527	2025-074B	USA 500	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	292	309	69.91	In Earth orbit
985	999	S63528	2025-074C	USA 501	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	294	297	69.97	In Earth orbit
986	1000	S63529	2025-074D	USA 502	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	297	302	69.91	In Earth orbit
987	1001	S63530	2025-074E	USA 503	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	288	318	69.91	In Earth orbit
988	1002	S63531	2025-074F	USA 504	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	285	314	69.92	In Earth orbit
989	1003	S63532	2025-074G	USA 505	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	285	312	69.94	In Earth orbit
990	1004	S63533	2025-074H	USA 506	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	279	321	69.90	In Earth orbit
991	1005	S63534	2025-074J	USA 507	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	293	312	69.91	In Earth orbit
992	1006	S63535	2025-074K	USA 508	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	283	302	69.94	In Earth orbit
993	1007	S63536	2025-074L	USA 509	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	294	311	69.90	In Earth orbit
994	1008	S63537	2025-074M	USA 510	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	290	310	69.92	In Earth orbit
995	1009	S63538	2025-074N	USA 511	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	298	309	69.90	In Earth orbit
996	1010	S63539	2025-074P	USA 512	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	285	312	69.92	In Earth orbit
997	1011	S63540	2025-074Q	USA 513	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	282	329	69.92	In Earth orbit
998	1012	S63541	2025-074R	USA 514	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	292	305	69.91	In Earth orbit
999	1013	S63542	2025-074S	USA 515	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	287	320	69.92	In Earth orbit
1000	1014	S63543	2025-074T	USA 516	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	288	320	69.90	In Earth orbit
1001	1015	S63544	2025-074U	USA 517	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	288	315	69.91	In Earth orbit
1002	1016	S63545	2025-074V	USA 518	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	287	313	69.91	In Earth orbit
1003	1017	S63546	2025-074W	USA 519	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	287	316	69.92	In Earth orbit
1004	1018	S63547	2025-074X	USA 520	2025 Apr 12 1225	2025 Apr 12 1325?	NROC	US	296	301	69.97	In Earth orbit
1005	1019	S63548	2025-075A	Starlink 11669	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	284	292	43.01	In Earth orbit
1006	1020	S63549	2025-075B	Starlink 11665	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	284	292	43.01	In Earth orbit
1007	1021	S63550	2025-075C	Starlink 11667	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	284	292	43.01	In Earth orbit
1008	1022	S63551	2025-075D	Starlink 11695	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	284	292	43.01	In Earth orbit
1009	1023	S63552	2025-075E	Starlink 11685	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	284	292	43.01	In Earth orbit
1010	1024	S63553	2025-075F	Starlink 11697	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	284	292	43.01	In Earth orbit
1011	1025	S63554	2025-075G	Starlink 11680	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	284	292	43.01	In Earth orbit
1012	1026	S63555	2025-075H	Starlink 11687	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	284	292	43.01	In Earth orbit
1013	1027	S63556	2025-075J	Starlink 11626	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	284	292	43.01	In Earth orbit
1014	1028	S63557	2025-075K	Starlink 11668	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	284	292	43.01	In Earth orbit
1015	1029	S63558	2025-075L	Starlink 11657	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	284	291	43.01	In Earth orbit
1016	1030	S63559	2025-075M	Starlink 11606	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	284	291	43.01	In Earth orbit
1017	1031	S63560	2025-075N	Starlink 11592	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	284	291	43.01	In Earth orbit
1018	1032	S63561	2025-075P	Starlink 32953	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	284	291	43.01	In Earth orbit
1019	1033	S63562	2025-075Q	Starlink 32951	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	283	291	43.01	In Earth orbit
1020	1034	S63563	2025-075R	Starlink 32958	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	283	291	43.01	In Earth orbit
1021	1035	S63564	2025-075S	Starlink 32928	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	283	291	43.01	In Earth orbit
1022	1036	S63565	2025-075T	Starlink 32687	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	283	291	43.01	In Earth orbit
1023	1037	S63566	2025-075U	Starlink 32950	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	283	291	43.01	In Earth orbit
1024	1038	S63567	2025-075V	Starlink 32954	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	283	291	43.01	In Earth orbit
1025	1039	S63568	2025-075W	Starlink 32940	2025 Apr 13 0053:30	2025 Apr 13 0158:50	SPXS	US	283	291	43.01	In Earth orbit
1026	1040	S63569	2025-076A	Starlink 32959	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.00	In Earth orbit
1027	1041	S63570	2025-076B	Starlink 32956	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.00	In Earth orbit
1028	1042	S63571	2025-076C	Starlink 33722	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.00	In Earth orbit
1029	1043	S63572	2025-076D	Starlink 33739	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.00	In Earth orbit
1030	1044	S63573	2025-076E	Starlink 33683	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	278	286	43.00	In Earth orbit
1031	1045	S63574	2025-076F	Starlink 33724	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.00	Reentered
1032	1046	S63575	2025-076G	Starlink 33732	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.00	In Earth orbit
1033	1047	S63576	2025-076H	Starlink 33800	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.00	In Earth orbit
1034	1048	S63577	2025-076J	Starlink 33632	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.00	In Earth orbit
1035	1049	S63578	2025-076K	Starlink 33719	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.00	In Earth orbit

1036	1050	S63579	2025-076L	Starlink 33755	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.00	In Earth orbit
1037	1051	S63580	2025-076M	Starlink 33752	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.00	In Earth orbit
1038	1052	S63581	2025-076N	Starlink 33714	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.00	In Earth orbit
1039	1053	S63582	2025-076P	Starlink 33814	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.00	In Earth orbit
1040	1054	S63583	2025-076Q	Starlink 33817	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.00	In Earth orbit
1041	1055	S63584	2025-076R	Starlink 33820	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.00	In Earth orbit
1042	1056	S63585	2025-076S	Starlink 33813	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.01	In Earth orbit
1043	1057	S63586	2025-076T	Starlink 33834	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.01	In Earth orbit
1044	1058	S63587	2025-076U	Starlink 33830	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.01	In Earth orbit
1045	1059	S63588	2025-076V	Starlink 33651	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.01	In Earth orbit
1046	1060	S63589	2025-076W	Starlink 33788	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.01	In Earth orbit
1047	1061	S63590	2025-076X	Starlink 33805	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.01	In Earth orbit
1048	1062	S63591	2025-076Y	Starlink 33702	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.01	In Earth orbit
1049	1063	S63592	2025-076Z	Starlink 33666	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.01	In Earth orbit
1050	1064	S63593	2025-076AA	Starlink 33723	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.01	In Earth orbit
1051	1065	S63594	2025-076AB	Starlink 33791	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.00	In Earth orbit
1052	1066	S63595	2025-076AC	Starlink 33831	2025 Apr 14 0400:10	2025 Apr 14 0505:34	SPXS	US	277	286	43.00	In Earth orbit
1053	1067	S63596	2025-077A	USA 521	2025 Apr 16 1933	2025 Apr 16 1947?	NROC	US	1097	1124	63.40	In Earth orbit
1054	1068	S63597	2025-077B	USA 522	2025 Apr 16 1933	2025 Apr 16 1947?	NROC	US	1098	1125	63.39	In Earth orbit
1055	1069	S63599	2025-078A	Shiyan 27-01	2025 Apr 18 2325?	2025 Apr 18 2325?	CASI	CN	999	1008	99.69	In Earth orbit
1056	1070	S63600	2025-078B	Shiyan 27-02	2025 Apr 18 2325	2025 Apr 18 2325?	CASI	CN	999	1009	99.69	In Earth orbit
1057	1071	S63601	2025-078C	Shiyan 27-03	2025 Apr 18 2325	2025 Apr 18 2325?	CASI	CN	999	1010	99.69	In Earth orbit
1058	1072	S63602	2025-078D	Shiyan 27-04	2025 Apr 18 2325	2025 Apr 18 2325?	CASI	CN	999	1011	99.70	In Earth orbit
1059	1073	S63603	2025-078E	Shiyan 27-05	2025 Apr 18 2325	2025 Apr 18 2325?	CASI	CN	999	1013	99.69	In Earth orbit
1060	1074	S63604	2025-078F	Shiyan 27-06	2025 Apr 18 2325	2025 Apr 18 2325?	CASI	CN	1000	1013	99.70	In Earth orbit
1061	1075	S63606	2025-079A	USA 523	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	276	292	69.99	In Earth orbit
1062	1076	S63607	2025-079B	USA 524	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	276	292	69.99	In Earth orbit
1063	1077	S63608	2025-079C	USA 525	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	283	322	69.92	In Earth orbit
1064	1078	S63609	2025-079D	USA 526	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	293	305	69.93	In Earth orbit
1065	1079	S63610	2025-079E	USA 527	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	277	292	69.98	In Earth orbit
1066	1080	S63611	2025-079F	USA 528	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	289	309	69.94	In Earth orbit
1067	1081	S63612	2025-079G	USA 529	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	284	293	69.97	In Earth orbit
1068	1082	S63613	2025-079H	USA 530	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	281	293	69.98	In Earth orbit
1069	1083	S63614	2025-079J	USA 531	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	283	292	69.98	In Earth orbit
1070	1084	S63615	2025-079K	USA 532	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	284	293	69.97	In Earth orbit
1071	1085	S63616	2025-079L	USA 533	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	286	293	69.93	In Earth orbit
1072	1086	S63617	2025-079M	USA 534	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	277	320	69.98	In Earth orbit
1073	1087	S63618	2025-079N	USA 535	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	283	293	69.95	In Earth orbit
1074	1088	S63619	2025-079P	USA 536	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	276	304	69.98	In Earth orbit
1075	1089	S63620	2025-079Q	USA 537	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	277	293	69.98	In Earth orbit
1076	1090	S63621	2025-079R	USA 538	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	277	292	69.98	In Earth orbit
1077	1091	S63622	2025-079S	USA 539	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	285	293	69.98	In Earth orbit
1078	1092	S63623	2025-079T	USA 540	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	283	292	69.98	In Earth orbit
1079	1093	S63624	2025-079U	USA 541	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	282	292	69.98	In Earth orbit
1080	1094	S63625	2025-079V	USA 542	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	285	293	69.98	In Earth orbit
1081	1095	S63626	2025-079W	USA 543	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	277	292	69.98	In Earth orbit
1082	1096	S63627	2025-079X	USA 544	2025 Apr 20 1229	2025 Apr 20 1330?	NROC	US	273	325	69.90	In Earth orbit
1083	1097	S63628	2025-080A	Dragon CRS-32	2025 Apr 21 0815:45	2025 Apr 21 0825	SPX	US	216	370	51.65	Landed
1084	1098	S63630	2025-081A	ADD-425-4	2025 Apr 22 0048:34	2025 Apr 22 0101:47	DAPA	KR	567	607	45.41	In Earth orbit
1085	1099	S63631	2025-081B	Tomorrow-S7	2025 Apr 22 0048:34	2025 Apr 22 0105:37	TOMIO	US	572	581	45.40	In Earth orbit
1086	1100	S63632	2025-082A	Shenzhou 20	2025 Apr 24 0917:31	2025 Apr 24 0927:07	CMSIO	CN	374	385	41.47	Landed
1087	1101	S63634	2025-083A	Starlink 33879	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	270	272	43.00	In Earth orbit
1088	1102	S63635	2025-083B	Starlink 33854	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	270	272	43.00	In Earth orbit
1089	1103	S63636	2025-083C	Starlink 33864	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	270	272	43.00	In Earth orbit
1090	1104	S63637	2025-083D	Starlink 33832	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	270	272	43.00	In Earth orbit
1091	1105	S63638	2025-083E	Starlink 33856	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	270	272	43.00	In Earth orbit
1092	1106	S63639	2025-083F	Starlink 33876	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	266	276	43.00	In Earth orbit
1093	1107	S63640	2025-083G	Starlink 33859	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	266	276	43.00	In Earth orbit
1094	1108	S63641	2025-083H	Starlink 33861	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	266	276	43.00	In Earth orbit
1095	1109	S63642	2025-083I	Starlink 33836	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	266	276	43.00	In Earth orbit
1096	1110	S63643	2025-083J	Starlink 33558	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	266	276	43.00	In Earth orbit
1097	1111	S63644	2025-083L	Starlink 33852	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	269	272	43.00	In Earth orbit
1098	1112	S63645	2025-083M	Starlink 33835	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	269	272	43.00	In Earth orbit
1099	1113	S63646	2025-083N	Starlink 33661	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	269	272	43.00	In Earth orbit
1100	1114	S63647	2025-083P	Starlink 33729	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	266	276	43.00	In Earth orbit
1101	1115	S63648	2025-083Q	Starlink 33717	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	269	272	43.00	In Earth orbit

1102	S63649	2025-083R	Starlink 33684	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	266	276	43.00	In Earth orbit
1103	S63650	2025-083S	Starlink 33704	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	268	272	43.00	In Earth orbit
1104	S63651	2025-083T	Starlink 33705	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	268	272	43.00	In Earth orbit
1105	S63652	2025-083U	Starlink 33663	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	265	276	43.00	In Earth orbit
1106	S63653	2025-083V	Starlink 33866	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	268	272	43.00	In Earth orbit
1107	S63654	2025-083W	Starlink 33849	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	265	276	43.00	In Earth orbit
1108	S63655	2025-083X	Starlink 33873	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	265	276	43.00	In Earth orbit
1109	S63656	2025-083Y	Starlink 33772	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	265	276	43.00	In Earth orbit
1110	S63657	2025-083Z	Starlink 33789	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	265	276	43.00	In Earth orbit
1111	S63658	2025-083AA	Starlink 33822	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	267	272	43.00	In Earth orbit
1112	S63659	2025-083AB	Starlink 33771	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	263	268	43.00	In Earth orbit
1113	S63660	2025-083AC	Starlink 33810	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	265	276	43.00	In Earth orbit
1114	S63661	2025-083AD	Starlink 33823	2025 Apr 25 0152:40	2025 Apr 25 0257:55	SPXS	US	268	272	43.00	In Earth orbit
1115	S63662	2025-084A	Tian Lian 2-05	2025 Apr 27 1619:7	2025 Apr 27 1619:7	CASIT	CN	35792	35792	5.35	In Earth orbit
1116	S63664	2025-085A	Starlink 11651	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	283	292	43.01	In Earth orbit
1117	S63665	2025-085B	Starlink 11672	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	283	292	43.01	In Earth orbit
1118	S63666	2025-085C	Starlink 11664	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	283	292	43.01	In Earth orbit
1119	S63667	2025-085D	Starlink 11666	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	283	292	43.01	In Earth orbit
1120	S63668	2025-085E	Starlink 11663	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	283	292	43.01	In Earth orbit
1121	S63669	2025-085F	Starlink 11595	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	283	292	43.01	In Earth orbit
1122	S63670	2025-085G	Starlink 11599	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	283	292	43.01	In Earth orbit
1123	S63671	2025-085H	Starlink 11603	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	283	292	43.01	In Earth orbit
1124	S63672	2025-085I	Starlink 11644	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	282	291	43.01	In Earth orbit
1125	S63673	2025-085K	Starlink 11634	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	282	291	43.01	In Earth orbit
1126	S63674	2025-085L	Starlink 11656	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	282	291	43.01	In Earth orbit
1127	S63675	2025-085M	Starlink 11655	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	282	291	43.01	In Earth orbit
1128	S63676	2025-085N	Starlink 11661	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	282	291	43.01	In Earth orbit
1129	S63677	2025-085P	Starlink 33816	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	282	291	43.01	In Earth orbit
1130	S63678	2025-085Q	Starlink 33861	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	282	291	43.01	In Earth orbit
1131	S63679	2025-085R	Starlink 33850	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	282	291	43.01	In Earth orbit
1132	S63680	2025-085S	Starlink 33887	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	282	291	43.01	In Earth orbit
1133	S63681	2025-085T	Starlink 33886	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	282	291	43.01	In Earth orbit
1134	S63682	2025-085U	Starlink 33840	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	282	291	43.01	In Earth orbit
1135	S63683	2025-085V	Starlink 33851	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	282	291	43.01	In Earth orbit
1136	S63684	2025-085W	Starlink 33853	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	282	291	43.01	In Earth orbit
1137	S63685	2025-085X	Starlink 33847	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	282	291	43.01	In Earth orbit
1138	S63686	2025-085Y	Starlink 33880	2025 Apr 28 0209:40	2025 Apr 28 0314:56	SPXS	US	282	291	43.01	In Earth orbit
1139	S63687	2025-086A	WHDW 03-01	2025 Apr 28 2010	2025 Apr 28 2030:7	ZXW	CN	1096	1111	86.50	In Earth orbit
1140	S63688	2025-086B	WHDW 03-02	2025 Apr 28 2010	2025 Apr 28 2030:7	ZXW	CN	1096	1110	86.51	In Earth orbit
1141	S63689	2025-086C	WHDW 03-03	2025 Apr 28 2010	2025 Apr 28 2030:7	ZXW	CN	1096	1111	86.50	In Earth orbit
1142	S63690	2025-086D	WHDW 03-04	2025 Apr 28 2010	2025 Apr 28 2030:7	ZXW	CN	1096	1110	86.51	In Earth orbit
1143	S63691	2025-086E	WHDW 03-05	2025 Apr 28 2010	2025 Apr 28 2030:7	ZXW	CN	1096	1111	86.51	In Earth orbit
1144	S63692	2025-086F	WHDW 03-06	2025 Apr 28 2010	2025 Apr 28 2030:7	ZXW	CN	1096	1111	86.50	In Earth orbit
1145	S63693	2025-086G	WHDW 03-07	2025 Apr 28 2010	2025 Apr 28 2030:7	ZXW	CN	1096	1111	86.50	In Earth orbit
1146	S63694	2025-086H	WHDW 03-08	2025 Apr 28 2010	2025 Apr 28 2030:7	ZXW	CN	1096	1111	86.50	In Earth orbit
1147	S63695	2025-086J	WHDW 03-09	2025 Apr 28 2010	2025 Apr 28 2030:7	ZXW	CN	1097	1112	86.50	In Earth orbit
1148	S63696	2025-086K	WHDW 03-10	2025 Apr 28 2010	2025 Apr 28 2030:7	ZXW	CN	1096	1113	86.50	In Earth orbit
1149	S63697	2025-087A	Starlink 33862	2025 Apr 28 2042:20	2025 Apr 28 2142:24	SPXS	US	269	281	53.16	In Earth orbit
1150	S63698	2025-087B	Starlink 33922	2025 Apr 28 2042:20	2025 Apr 28 2142:24	SPXS	US	269	281	53.16	In Earth orbit
1151	S63699	2025-087C	Starlink 33919	2025 Apr 28 2042:20	2025 Apr 28 2142:24	SPXS	US	269	281	53.16	In Earth orbit
1152	S63700	2025-087D	Starlink 33908	2025 Apr 28 2042:20	2025 Apr 28 2142:24	SPXS	US	269	281	53.16	In Earth orbit
1153	S63701	2025-087E	Starlink 33950	2025 Apr 28 2042:20	2025 Apr 28 2142:24	SPXS	US	269	281	53.16	In Earth orbit
1154	S63702	2025-087F	Starlink 33939	2025 Apr 28 2042:20	2025 Apr 28 2142:24	SPXS	US	269	281	53.16	In Earth orbit
1155	S63703	2025-087G	Starlink 33868	2025 Apr 28 2042:20	2025 Apr 28 2142:24	SPXS	US	269	281	53.16	In Earth orbit
1156	S63704	2025-087H	Starlink 33937	2025 Apr 28 2042:20	2025 Apr 28 2142:24	SPXS	US	269	281	53.16	In Earth orbit
1157	S63705	2025-087I	Starlink 33848	2025 Apr 28 2042:20	2025 Apr 28 2142:24	SPXS	US	268	281	53.16	In Earth orbit
1158	S63706	2025-087K	Starlink 33995	2025 Apr 28 2042:20	2025 Apr 28 2142:24	SPXS	US	268	281	53.16	In Earth orbit
1159	S63707	2025-087L	Starlink 33982	2025 Apr 28 2042:20	2025 Apr 28 2142:24	SPXS	US	268	281	53.16	In Earth orbit
1160	S63708	2025-087M	Starlink 33915	2025 Apr 28 2042:20	2025 Apr 28 2142:24	SPXS	US	268	281	53.16	In Earth orbit
1161	S63709	2025-087N	Starlink 33862	2025 Apr 28 2042:20	2025 Apr 28 2142:24	SPXS	US	268	281	53.16	In Earth orbit
1162	S63710	2025-087P	Starlink 33920	2025 Apr 28 2042:20	2025 Apr 28 2142:24	SPXS	US	268	281	53.16	In Earth orbit
1163	S63711	2025-087Q	Starlink 33580	2025 Apr 28 2042:20	2025 Apr 28 2142:24	SPXS	US	268	281	53.16	In Earth orbit
1164	S63712	2025-087R	Starlink 33783	2025 Apr 28 2042:20	2025 Apr 28 2142:24	SPXS	US	268	281	53.16	In Earth orbit
1165	S63713	2025-087S	Starlink 33773	2025 Apr 28 2042:20	2025 Apr 28 2142:24	SPXS	US	268	281	53.16	In Earth orbit
1166	S63714	2025-087T	Starlink 33745	2025 Apr 28 2042:20	2025 Apr 28 2142:24	SPXS	US	268	280	53.16	In Earth orbit
1167	S63715	2025-087U	Starlink 33728	2025 Apr 28 2042:20	2025 Apr 28 2142:24	SPXS	US	268	280	53.16	In Earth orbit

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1300	1314	S63851	2025-093R	Starlink 33776	2025 May 7 01:17:20	2025 May 7 02:22:38	SPXS	US	275	283	43.00	In Earth orbit
1301	1315	S63852	2025-093S	Starlink 33775	2025 May 7 01:17:20	2025 May 7 02:22:38	SPXS	US	275	283	43.00	Reentered
1302	1316	S63853	2025-093T	Starlink 34032	2025 May 7 01:17:20	2025 May 7 02:22:38	SPXS	US	275	283	43.00	In Earth orbit
1303	1317	S63854	2025-093U	Starlink 34015	2025 May 7 01:17:20	2025 May 7 02:22:38	SPXS	US	275	283	43.00	In Earth orbit
1304	1318	S63855	2025-093V	Starlink 33969	2025 May 7 01:17:20	2025 May 7 02:22:38	SPXS	US	275	283	43.00	In Earth orbit
1305	1319	S63856	2025-093W	Starlink 34002	2025 May 7 01:17:20	2025 May 7 02:22:38	SPXS	US	274	283	43.00	In Earth orbit
1306	1320	S63857	2025-093X	Starlink 33999	2025 May 7 01:17:20	2025 May 7 02:22:38	SPXS	US	274	283	43.00	In Earth orbit
1307	1321	S63858	2025-093Y	Starlink 33976	2025 May 7 01:17:20	2025 May 7 02:22:38	SPXS	US	274	283	43.00	In Earth orbit
1308	1322	S63859	2025-093Z	Starlink 33821	2025 May 7 01:17:20	2025 May 7 02:22:38	SPXS	US	274	283	43.00	In Earth orbit
1309	1323	S63860	2025-093AA	Starlink 33888	2025 May 7 01:17:20	2025 May 7 02:22:38	SPXS	US	274	283	43.00	In Earth orbit
1310	1324	S63861	2025-093AB	Starlink 33896	2025 May 7 01:17:20	2025 May 7 02:22:38	SPXS	US	274	283	43.00	In Earth orbit
1311	1325	S63862	2025-093AC	Starlink 33878	2025 May 7 01:17:20	2025 May 7 02:22:38	SPXS	US	272	282	43.00	In Earth orbit
1312	1326	S63863	2025-093AD	Starlink 33954	2025 May 7 01:17:20	2025 May 7 02:22:38	SPXS	US	274	283	43.00	In Earth orbit
1313	1327	S63864	2025-094A	Starlink 33863	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	265	280	70.00	In Earth orbit
1314	1328	S63865	2025-094B	Starlink 33897	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	265	280	70.00	In Earth orbit
1315	1329	S63866	2025-094C	Starlink 34022	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	265	280	70.00	In Earth orbit
1316	1330	S63867	2025-094D	Starlink 33979	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	265	280	70.00	In Earth orbit
1317	1331	S63868	2025-094E	Starlink 34007	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	265	280	70.00	In Earth orbit
1318	1332	S63869	2025-094F	Starlink 34006	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	265	280	70.00	In Earth orbit
1319	1333	S63870	2025-094G	Starlink 33986	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	265	280	70.00	In Earth orbit
1320	1334	S63871	2025-094H	Starlink 34013	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	265	280	70.00	In Earth orbit
1321	1335	S63872	2025-094J	Starlink 34059	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	265	280	70.00	In Earth orbit
1322	1336	S63873	2025-094K	Starlink 33987	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	265	280	70.00	In Earth orbit
1323	1337	S63874	2025-094L	Starlink 34052	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	265	280	70.00	In Earth orbit
1324	1338	S63875	2025-094M	Starlink 34023	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	265	280	70.00	In Earth orbit
1325	1339	S63876	2025-094N	Starlink 34061	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	265	280	70.00	In Earth orbit
1326	1340	S63877	2025-094P	Starlink 33708	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	264	280	70.00	In Earth orbit
1327	1341	S63878	2025-094Q	Starlink 33901	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	264	280	70.00	In Earth orbit
1328	1342	S63879	2025-094R	Starlink 33812	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	264	280	70.00	In Earth orbit
1329	1343	S63880	2025-094S	Starlink 33779	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	264	280	70.00	In Earth orbit
1330	1344	S63881	2025-094T	Starlink 33905	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	264	280	70.00	In Earth orbit
1331	1345	S63882	2025-094U	Starlink 34003	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	264	280	70.00	In Earth orbit
1332	1346	S63883	2025-094V	Starlink 33968	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	264	280	70.00	In Earth orbit
1333	1347	S63884	2025-094W	Starlink 33943	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	264	280	70.00	In Earth orbit
1334	1348	S63885	2025-094X	Starlink 33858	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	264	280	70.00	In Earth orbit
1335	1349	S63886	2025-094Y	Starlink 33885	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	264	280	70.00	In Earth orbit
1336	1350	S63887	2025-094Z	Starlink 33904	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	264	280	70.00	In Earth orbit
1337	1351	S63888	2025-094AA	Starlink 33981	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	264	280	70.00	In Earth orbit
1338	1352	S63889	2025-094AB	Starlink 33738	2025 May 10 00:19:50	2025 May 10 01:22:29	SPXS	US	264	280	70.00	In Earth orbit
1339	1353	S63890	2025-095A	Starlink 34116	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	269	278	43.00	In Earth orbit
1340	1354	S63891	2025-095B	Starlink 34123	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	269	278	43.00	In Earth orbit
1341	1355	S63892	2025-095C	Starlink 34128	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	269	278	43.00	In Earth orbit
1342	1356	S63893	2025-095D	Starlink 33972	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	269	278	43.00	In Earth orbit
1343	1357	S63894	2025-095E	Starlink 33973	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	269	278	43.00	In Earth orbit
1344	1358	S63895	2025-095F	Starlink 34119	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	269	278	43.00	In Earth orbit
1345	1359	S63896	2025-095G	Starlink 34143	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	269	278	43.00	In Earth orbit
1346	1360	S63897	2025-095H	Starlink 33957	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	269	278	43.00	In Earth orbit
1347	1361	S63898	2025-095I	Starlink 34120	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	269	278	43.00	In Earth orbit
1348	1362	S63899	2025-095J	Starlink 34134	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	269	278	43.00	In Earth orbit
1349	1363	S63900	2025-095L	Starlink 34118	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	269	278	43.00	In Earth orbit
1350	1364	S63901	2025-095M	Starlink 34125	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	269	278	43.00	In Earth orbit
1351	1365	S63902	2025-095N	Starlink 33955	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	269	278	43.00	In Earth orbit
1352	1366	S63903	2025-095P	Starlink 34097	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	269	278	43.00	In Earth orbit
1353	1367	S63904	2025-095Q	Starlink 34092	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	269	278	43.00	In Earth orbit
1354	1368	S63905	2025-095R	Starlink 34114	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	269	278	43.00	In Earth orbit
1355	1369	S63906	2025-095S	Starlink 33770	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	269	278	43.00	In Earth orbit
1356	1370	S63907	2025-095T	Starlink 34106	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	269	278	43.00	In Earth orbit
1357	1371	S63908	2025-095U	Starlink 34083	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	269	278	43.00	In Earth orbit
1358	1372	S63909	2025-095V	Starlink 34066	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	269	278	43.00	In Earth orbit
1359	1373	S63910	2025-095W	Starlink 34071	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	268	278	43.00	In Earth orbit
1360	1374	S63911	2025-095X	Starlink 34038	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	268	278	43.00	In Earth orbit
1361	1375	S63912	2025-095Y	Starlink 34031	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	268	278	43.00	In Earth orbit
1362	1376	S63913	2025-095Z	Starlink 34070	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	268	278	43.00	In Earth orbit
1363	1377	S63914	2025-095AA	Starlink 34068	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	268	278	43.00	In Earth orbit
1364	1378	S63915	2025-095AB	Starlink 34076	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	268	278	43.00	In Earth orbit
1365	1379	S63916	2025-095AC	Starlink 33910	2025 May 10 06:28:00	2025 May 10 07:33:23	SPXS	US	268	278	43.00	In Earth orbit

1366	1380	S63917	2025-095AD	Starlink 34075	2025 May 10 0628:00	2025 May 10 0733:23	SPXS	US	268	278	43.00	In Earth orbit
1367	1381	S63918	2025-096A	Yaogan 40-02-01	2025 May 11 1327	2025 May 11 1342?	CAS1	CN	794	811	86.00	In Earth orbit
1368	1382	S63919	2025-096B	Yaogan 40-02-02	2025 May 11 1327	2025 May 11 1342?	CAS1	CN	794	810	86.00	In Earth orbit
1369	1383	S63920	2025-096C	Yaogan 40-02-03	2025 May 11 1327	2025 May 11 1342?	CAS1	CN	794	809	86.00	In Earth orbit
1370	1384	S63924	2025-097A	Tongxin Jishu Shiyun 19	2025 May 12 1809	2025 May 12 1834?	SAS1	CN	35777	35797	3.90	In Earth orbit
1371	1385	S63926	2025-098A	Starlink 34012	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	265	279	70.00	In Earth orbit
1372	1386	S63927	2025-098B	Starlink 33956	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	265	279	70.00	In Earth orbit
1373	1387	S63928	2025-098C	Starlink 33997	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	265	279	70.00	In Earth orbit
1374	1388	S63929	2025-098D	Starlink 33989	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	265	279	70.00	In Earth orbit
1375	1389	S63930	2025-098E	Starlink 33980	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	265	279	70.00	In Earth orbit
1376	1390	S63931	2025-098F	Starlink 33994	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1377	1391	S63932	2025-098G	Starlink 33971	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1378	1392	S63933	2025-098H	Starlink 33877	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1379	1393	S63934	2025-098J	Starlink 33895	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1380	1394	S63935	2025-098K	Starlink 34005	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1381	1395	S63936	2025-098L	Starlink 34027	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1382	1396	S63937	2025-098M	Starlink 34035	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1383	1397	S63938	2025-098N	Starlink 33988	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1384	1398	S63939	2025-098P	Starlink 34020	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1385	1399	S63940	2025-098Q	Starlink 34021	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1386	1400	S63941	2025-098R	Starlink 34004	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1387	1401	S63942	2025-098S	Starlink 34014	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1388	1402	S63943	2025-098T	Starlink 33985	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1389	1403	S63944	2025-098U	Starlink 33996	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1390	1404	S63945	2025-098V	Starlink 34036	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1391	1405	S63946	2025-098W	Starlink 34039	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1392	1406	S63947	2025-098X	Starlink 34084	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1393	1407	S63948	2025-098Y	Starlink 33983	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1394	1408	S63949	2025-098Z	Starlink 33993	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1395	1409	S63950	2025-098A	Starlink 33962	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1396	1410	S63951	2025-098AB	Starlink 33998	2025 May 13 0115:10	2025 May 13 0216:38	SPXS	US	264	279	70.00	In Earth orbit
1397	1411	S63952	2025-099A	Starlink 34159	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	268	278	43.00	In Earth orbit
1398	1412	S63953	2025-099B	Starlink 34137	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	268	278	43.00	In Earth orbit
1399	1413	S63954	2025-099C	Starlink 33974	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	268	278	43.00	In Earth orbit
1400	1414	S63955	2025-099D	Starlink 34170	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	268	278	43.00	In Earth orbit
1401	1415	S63956	2025-099E	Starlink 34187	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	268	278	43.00	In Earth orbit
1402	1416	S63957	2025-099F	Starlink 34142	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	268	278	43.00	In Earth orbit
1403	1417	S63958	2025-099G	Starlink 34144	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	268	278	43.00	In Earth orbit
1404	1418	S63959	2025-099H	Starlink 34099	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	268	278	43.00	In Earth orbit
1405	1419	S63960	2025-099J	Starlink 34107	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	268	278	43.00	In Earth orbit
1406	1420	S63961	2025-099K	Starlink 34121	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	268	278	43.00	In Earth orbit
1407	1421	S63962	2025-099L	Starlink 34103	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	268	278	43.00	In Earth orbit
1408	1422	S63963	2025-099M	Starlink 33801	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	268	278	43.00	In Earth orbit
1409	1423	S63964	2025-099N	Starlink 34135	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	268	278	43.00	In Earth orbit
1410	1424	S63965	2025-099P	Starlink 34147	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	268	278	43.00	In Earth orbit
1411	1425	S63966	2025-099Q	Starlink 33960	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	268	278	43.00	In Earth orbit
1412	1426	S63967	2025-099R	Starlink 34153	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	268	278	43.00	In Earth orbit
1413	1427	S63968	2025-099S	Starlink 33963	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	268	278	43.00	In Earth orbit
1414	1428	S63969	2025-099T	Starlink 34112	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	268	278	43.00	In Earth orbit
1415	1429	S63970	2025-099U	Starlink 34084	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	268	278	43.00	In Earth orbit
1416	1430	S63971	2025-099V	Starlink 34138	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	267	278	43.00	In Earth orbit
1417	1431	S63972	2025-099W	Starlink 34115	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	267	278	43.00	In Earth orbit
1418	1432	S63973	2025-099X	Starlink 34028	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	267	278	43.00	In Earth orbit
1419	1433	S63974	2025-099Y	Starlink 33942	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	267	278	43.00	In Earth orbit
1420	1434	S63975	2025-099Z	Starlink 34139	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	267	278	43.00	In Earth orbit
1421	1435	S63976	2025-099AA	Starlink 34090	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	267	278	43.00	In Earth orbit
1422	1436	S63977	2025-099AB	Starlink 34105	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	267	278	43.00	In Earth orbit
1423	1437	S63978	2025-099AC	Starlink 33968	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	267	278	43.00	In Earth orbit
1424	1438	S63979	2025-099AD	Starlink 34045	2025 May 13 0502:20	2025 May 13 0607:34	SPXS	US	267	278	43.00	In Earth orbit
1425	1439	S63980	2025-100A	?	2025 May 14 0412	2025 May 14 0432?	GUOX/ZJLAB	CN	489	506	97.41	In Earth orbit
1426	1440	S63983	2025-100B	?	2025 May 14 0412	2025 May 14 0432?	GUOX/ZJLAB	CN	489	506	97.41	In Earth orbit
1427	1441	S63984	2025-100C	?	2025 May 14 0412	2025 May 14 0431?	GUOX/ZJLAB	CN	491	504	97.42	In Earth orbit
1428	1442	S63985	2025-100D	?	2025 May 14 0412	2025 May 14 0431?	GUOX/ZJLAB	CN	490	504	97.41	In Earth orbit
1429	1443	S63986	2025-100E	?	2025 May 14 0412	2025 May 14 0431?	GUOX/ZJLAB	CN	490	504	97.42	In Earth orbit
1430	1444	S63987	2025-100F	?	2025 May 14 0412	2025 May 14 0431?	GUOX/ZJLAB	CN	490	505	97.41	In Earth orbit
1431	1445	S63988	2025-100G	?	2025 May 14 0412	2025 May 14 0431?	GUOX/ZJLAB	CN	490	504	97.42	In Earth orbit

1432	1446	1432	2025-100H	?	Chongzhou	2025 May 14 0412	2025 May 14 0431?	GUOX/ZJLAB	CN	490	504	97.41	In Earth orbit
1433	1447	?	2025-100J	?	Tiantie Koji	2025 May 14 0412	2025 May 14 0431?	GUOX/ZJLAB	CN	489	503	97.42	In Earth orbit
1434	1448	?	2025-100K	?	Myian Wuliuyuan	2025 May 14 0412	2025 May 14 0431?	GUOX/ZJLAB	CN	489	503	97.41	In Earth orbit
1435	1449	?	2025-100L	?	Yukongzhe	2025 May 14 0412	2025 May 14 0431?	GUOX/ZJLAB	CN	488	504	97.42	In Earth orbit
1436	1450	?	2025-100M	?	Dalinghaowan	2025 May 14 0412	2025 May 14 0431?	GUOX/ZJLAB	CN	488	504	97.42	In Earth orbit
1437	1451		2025-101A		Starlink 33871	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	268	278	43.00	In Earth orbit
1438	1452		2025-101B		Starlink 34154	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	268	278	43.00	In Earth orbit
1439	1453		2025-101C		Starlink 34158	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	266	277	43.00	In Earth orbit
1440	1454		2025-101D		Starlink 34165	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	268	278	43.00	In Earth orbit
1441	1455		2025-101E		Starlink 34150	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	268	278	43.00	In Earth orbit
1442	1456		2025-101F		Starlink 34169	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	268	278	43.00	In Earth orbit
1443	1457		2025-101G		Starlink 34152	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	268	278	43.00	In Earth orbit
1444	1458		2025-101H		Starlink 33927	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	268	278	43.00	In Earth orbit
1445	1459		2025-101J		Starlink 33898	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	268	278	43.00	In Earth orbit
1446	1460		2025-101K		Starlink 33928	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	268	277	43.00	In Earth orbit
1447	1461		2025-101L		Starlink 33758	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	268	277	43.00	In Earth orbit
1448	1462		2025-101M		Starlink 33936	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	268	277	43.00	In Earth orbit
1449	1463		2025-101N		Starlink 33931	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	268	277	43.00	In Earth orbit
1450	1464		2025-101P		Starlink 33759	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	268	277	43.00	In Earth orbit
1451	1465		2025-101Q		Starlink 34163	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	268	277	43.00	In Earth orbit
1452	1466		2025-101R		Starlink 34077	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	268	277	43.00	In Earth orbit
1453	1467		2025-101S		Starlink 34113	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	267	277	43.00	In Earth orbit
1454	1468		2025-101T		Starlink 34193	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	267	277	43.00	In Earth orbit
1455	1469		2025-101U		Starlink 34078	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	267	277	43.00	In Earth orbit
1456	1470		2025-101V		Starlink 34182	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	267	277	43.00	In Earth orbit
1457	1471		2025-101W		Starlink 34192	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	267	277	43.00	In Earth orbit
1458	1472		2025-101X		Starlink 34093	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	267	277	43.00	In Earth orbit
1459	1473		2025-101Y		Starlink 34016	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	267	277	43.00	In Earth orbit
1460	1474		2025-101Z		Starlink 34161	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	267	277	43.00	In Earth orbit
1461	1475		2025-101AA		Starlink 34162	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	267	277	43.00	In Earth orbit
1462	1476		2025-101AB		Starlink 34155	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	267	277	43.00	In Earth orbit
1463	1477		2025-101AC		Starlink 34141	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	267	277	43.00	In Earth orbit
1464	1478		2025-101AD		Starlink 34062	2025 May 14 1638:50	2025 May 14 1744:16	SPXS	US	267	277	43.00	In Earth orbit
1465	1479		2025-102A		Starlink 34051	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1466	1480		2025-102B		Starlink 34184	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1467	1481		2025-102C		Starlink 34087	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1468	1482		2025-102D		Starlink 34088	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1469	1483		2025-102E		Starlink 33992	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1470	1484		2025-102F		Starlink 33967	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1471	1485		2025-102G		Starlink 33953	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1472	1486		2025-102H		Starlink 33790	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1473	1487		2025-102I		Starlink 34030	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1474	1488		2025-102J		Starlink 34024	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1475	1489		2025-102K		Starlink 34019	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1476	1490		2025-102L		Starlink 33860	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1477	1491		2025-102M		Starlink 33946	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1478	1492		2025-102N		Starlink 34046	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1479	1493		2025-102P		Starlink 34085	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1480	1494		2025-102Q		Starlink 34008	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1481	1495		2025-102R		Starlink 34007	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1482	1496		2025-102S		Starlink 34079	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1483	1497		2025-102T		Starlink 34089	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1484	1498		2025-102U		Starlink 34117	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1485	1499		2025-102V		Starlink 34111	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1486	1500		2025-102W		Starlink 34096	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1487	1501		2025-102X		Starlink 34081	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1488	1502		2025-102Y		Starlink 34033	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1489	1503		2025-102Z		Starlink 33952	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1490	1504		2025-102AA		Starlink 33961	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1491	1505		2025-102AB		Starlink 33961	2025 May 16 1343:50	2025 May 16 1446:33	SPXS	US	264	279	69.99	In Earth orbit
1492	1506		2025-103A		Drzhi-1	2025 May 17 0412	2025 May 17 0430?	CUGW/ZHEDI	CN	518	526	97.41	In Earth orbit
1493	1507		2025-103B		Nankode-1	2025 May 17 0412	2025 May 17 0430?	SUST/CTYK	CN	518	523	97.42	In Earth orbit
1494	1508		2025-103C		Nanchang hongkong 1	2025 May 17 0412	2025 May 17 0430?	NCHU/CTYK	CN	518	523	97.41	In Earth orbit
1495	1509		2025-103D		Nanchang hongkong 2	2025 May 17 0412	2025 May 17 0430?	ZHYE/NCNU	CN	517	524	97.42	In Earth orbit
1496	1510		2025-103E		Beiyou-2	2025 May 17 0412	2025 May 17 0430?	YOUD	CN	517	524	97.42	In Earth orbit
1497	1511		2025-103F		Beiyou-3	2025 May 17 0412	2025 May 17 0430?	YOUD	CN	517	524	97.42	In Earth orbit
			2025-104A		Wadatsumi-1	2025 May 17 0817	2025 May 17 0907	QPS	J	569	582	42.01	In Earth orbit

1498	1512	864058	2025-105A	Tianqi Xingzuo 1-34	2025 May 19 0738	2025 May 19 0750?	GUOG	CN	836	853	44.99	In Earth orbit
1499	1513	864059	2025-105B	Tianqi Xingzuo 1-35	2025 May 19 0738	2025 May 19 0750?	GUOG	CN	835	853	44.98	In Earth orbit
1500	1514	864060	2025-105C	Tianqi Xingzuo 1-36	2025 May 19 0738	2025 May 19 0750?	GUOG	CN	853	853	44.98	In Earth orbit
1501	1515	864061	2025-105D	Tianqi Xingzuo 1-37	2025 May 19 0738	2025 May 19 0750?	GUOG	CN	835	852	44.98	In Earth orbit
1502	1516	864062	2025-106A	Zhongxing 3B	2025 May 20 1150	2025 May 20 1214?	ZLXB	CN	35772	35801	0.04	In Earth orbit
1503	1517	864064	2025-107A	Starlink 11741	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	284	292	43.01	In Earth orbit
1504	1518	864065	2025-107B	Starlink 11709	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	284	292	43.01	In Earth orbit
1505	1519	864066	2025-107C	Starlink 11726	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	284	292	43.01	In Earth orbit
1506	1520	864067	2025-107D	Starlink 11737	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	284	292	43.01	In Earth orbit
1507	1521	864068	2025-107E	Starlink 11700	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	284	292	43.01	In Earth orbit
1508	1522	864069	2025-107F	Starlink 11649	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	284	292	43.01	In Earth orbit
1509	1523	864070	2025-107G	Starlink 11713	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	284	292	43.01	In Earth orbit
1510	1524	864071	2025-107H	Starlink 11719	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	284	292	43.01	In Earth orbit
1511	1525	864072	2025-107J	Starlink 11733	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	284	292	43.01	In Earth orbit
1512	1526	864073	2025-107K	Starlink 11729	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	284	292	43.01	In Earth orbit
1513	1527	864074	2025-107L	Starlink 11730	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	284	292	43.01	In Earth orbit
1514	1528	864075	2025-107M	Starlink 11723	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	283	291	43.01	In Earth orbit
1515	1529	864076	2025-107N	Starlink 11715	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	283	291	43.01	In Earth orbit
1516	1530	864077	2025-107P	Starlink 34201	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	283	292	43.01	In Earth orbit
1517	1531	864078	2025-107Q	Starlink 34190	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	283	292	43.01	In Earth orbit
1518	1532	864079	2025-107R	Starlink 34168	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	283	291	43.01	In Earth orbit
1519	1533	864080	2025-107S	Starlink 34098	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	283	291	43.01	In Earth orbit
1520	1534	864081	2025-107T	Starlink 34180	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	283	291	43.01	In Earth orbit
1521	1535	864082	2025-107U	Starlink 34171	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	283	291	43.01	In Earth orbit
1522	1536	864083	2025-107V	Starlink 34126	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	283	291	43.01	In Earth orbit
1523	1537	864084	2025-107W	Starlink 34157	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	283	291	43.01	In Earth orbit
1524	1538	864085	2025-107X	Starlink 34140	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	283	291	43.01	In Earth orbit
1525	1539	864086	2025-107Y	Starlink 34132	2025 May 21 0319:10	2025 May 21 0424:34	SPXS	US	283	291	43.01	In Earth orbit
1526	1540	864087	2025-108A	Taijing-3 04	2025 May 21 0405	2025 May 21 0415?	WEINA	CN	515	536	97.51	In Earth orbit
1527	1541	864088	2025-108B	Taijing-4 02A	2025 May 21 0405	2025 May 21 0415?	WEINA	CN	517	537	97.50	In Earth orbit
1528	1542	864089	2025-108C	Xingru-11	2025 May 21 0405	2025 May 21 0415?	ZKXR	CN	517	538	97.50	In Earth orbit
1529	1543	864090	2025-108D	Xingruyuan-1	2025 May 21 0405	2025 May 21 0415?	GUOZH	CN	517	536	97.50	In Earth orbit
1530	1544	864091	2025-108E	Tada Huyang 1	2025 May 21 0405	2025 May 21 0415?	WYKK/TADA	CN	517	537	97.50	In Earth orbit
1531	1545	864092	2025-108F	Xiguang 1-02	2025 May 21 0405	2025 May 21 0415?	ZXHK	CN	517	536	97.50	In Earth orbit
1532	1546	864095	2025-109A	Kosmos-2588	2025 May 23 0836	2025 May 23	TSVS	RU	464	481	72.98	In Earth orbit
1533	1547	864096	2025-110A	Starlink 34178	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	264	275	53.16	In Earth orbit
1534	1548	864097	2025-110B	Starlink 34174	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	264	275	53.16	In Earth orbit
1535	1549	864098	2025-110C	Starlink 34146	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	264	275	53.16	In Earth orbit
1536	1550	864099	2025-110D	Starlink 34074	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1537	1551	864100	2025-110E	Starlink 34082	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1538	1552	864101	2025-110F	Starlink 34072	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1539	1553	864102	2025-110G	Starlink 34104	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1540	1554	864103	2025-110H	Starlink 34179	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1541	1555	864104	2025-110I	Starlink 34176	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1542	1556	864105	2025-110K	Starlink 33949	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1543	1557	864106	2025-110L	Starlink 33970	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1544	1558	864107	2025-110M	Starlink 33912	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1545	1559	864108	2025-110N	Starlink 34156	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1546	1560	864109	2025-110P	Starlink 34124	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1547	1561	864110	2025-110Q	Starlink 34145	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1548	1562	864111	2025-110R	Starlink 34148	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1549	1563	864112	2025-110S	Starlink 34136	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1550	1564	864113	2025-110T	Starlink 33839	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1551	1565	864114	2025-110U	Starlink 34064	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1552	1566	864115	2025-110V	Starlink 34067	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1553	1567	864116	2025-110W	Starlink 34080	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1554	1568	864117	2025-110X	Starlink 34122	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1555	1569	864118	2025-110Y	Starlink 33964	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1556	1570	864119	2025-110Z	Starlink 34160	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1557	1571	864120	2025-110AA	Starlink 34151	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1558	1572	864121	2025-110AB	Starlink 34189	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1559	1573	864122	2025-110AC	Starlink 33991	2025 May 23 2232:20	2025 May 23 2333:12	SPXS	US	263	275	53.16	In Earth orbit
1560	1574	864123	2025-111A	Starlink 11727	2025 May 24 1719:00	2025 May 24 1824:12	SPXS	US	288	290	43.01	In Earth orbit
1561	1575	864124	2025-111B	Starlink 11724	2025 May 24 1719:00	2025 May 24 1824:12	SPXS	US	288	290	43.01	In Earth orbit
1562	1576	864125	2025-111C	Starlink 11725	2025 May 24 1719:00	2025 May 24 1824:12	SPXS	US	287	290	43.01	In Earth orbit
1563	1577	864126	2025-111D	Starlink 11725	2025 May 24 1719:00	2025 May 24 1824:12	SPXS	US	287	289	43.01	In Earth orbit

1630	1644	864192	2025-113Y	Starlink 34265	2025 May 28 1330:00	2025 May 28 1434:27	SPXS	US	262	273	53.16	In Earth orbit
1631	1645	864193	2025-113Z	Starlink 34245	2025 May 28 1330:00	2025 May 28 1434:27	SPXS	US	262	273	53.16	In Earth orbit
1632	1646	864194	2025-113AA	Starlink 34237	2025 May 28 1330:00	2025 May 28 1434:27	SPXS	US	262	272	53.16	In Earth orbit
1633	1647	864195	2025-113AB	Starlink 33857	2025 May 28 1330:00	2025 May 28 1434:27	SPXS	US	262	272	53.16	In Earth orbit
1634	1648	864196	2025-113AC	Starlink 34173	2025 May 28 1330:00	2025 May 28 1434:27	SPXS	US	262	272	53.16	In Earth orbit
1635	1649	864197	2025-114A	Tianwen-2	2025 May 28 1731	2025 May 28 1750?	CASC	CN	170	-75000	28.00	Sun
1636	1650	864199	2025-115A	Shi Jian 26	2025 May 29 0412	2025 May 29 0425?	CASC?	CN	490	503	97.49	In Earth orbit
1637	1651	864202	2025-116A	GPS III SV08	2025 May 30 1737:59	2025 May 30 1907:19	SPSSC	US	20178	20185	55.00	In Earth orbit
1638	1652	864203	2025-117A	Starlink 33966	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	263	268	53.16	In Earth orbit
1639	1653	864204	2025-117B	Starlink 34331	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	263	268	53.16	In Earth orbit
1640	1654	864205	2025-117C	Starlink 34251	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	263	268	53.16	In Earth orbit
1641	1655	864206	2025-117D	Starlink 34311	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	263	268	53.16	In Earth orbit
1642	1656	864207	2025-117E	Starlink 34324	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	263	268	53.16	In Earth orbit
1643	1657	864208	2025-117F	Starlink 34327	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	263	268	53.16	In Earth orbit
1644	1658	864209	2025-117G	Starlink 33944	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	263	268	53.16	In Earth orbit
1645	1659	864210	2025-117H	Starlink 34310	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	263	268	53.16	In Earth orbit
1646	1660	864211	2025-117I	Starlink 34258	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	263	268	53.16	In Earth orbit
1647	1661	864212	2025-117K	Starlink 34284	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	263	267	53.16	In Earth orbit
1648	1662	864213	2025-117L	Starlink 34332	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	265	267	53.16	In Earth orbit
1649	1663	864214	2025-117M	Starlink 34283	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	265	267	53.16	In Earth orbit
1650	1664	864215	2025-117N	Starlink 34349	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	265	267	53.16	In Earth orbit
1651	1665	864216	2025-117P	Starlink 34296	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	265	268	53.16	In Earth orbit
1652	1666	864217	2025-117Q	Starlink 34320	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	264	268	53.16	In Earth orbit
1653	1667	864218	2025-117R	Starlink 34300	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	265	268	53.16	In Earth orbit
1654	1668	864219	2025-117S	Starlink 34333	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	264	268	53.16	In Earth orbit
1655	1669	864220	2025-117T	Starlink 34328	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	264	268	53.16	In Earth orbit
1656	1670	864221	2025-117U	Starlink 34326	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	264	268	53.16	In Earth orbit
1657	1671	864222	2025-117V	Starlink 34318	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	264	268	53.16	In Earth orbit
1658	1672	864223	2025-117W	Starlink 34337	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	264	268	53.16	In Earth orbit
1659	1673	864224	2025-117X	Starlink 34304	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	264	268	53.16	In Earth orbit
1660	1674	864225	2025-117Y	Starlink 34289	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	263	268	53.16	In Earth orbit
1661	1675	864226	2025-117Z	Starlink 34347	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	263	268	53.16	In Earth orbit
1662	1676	864227	2025-117AA	Starlink 34330	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	263	268	53.16	In Earth orbit
1663	1677	864228	2025-117AB	Starlink 34167	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	263	268	53.16	In Earth orbit
1664	1678	864229	2025-117AC	Starlink 34241	2025 May 31 2010:00	2025 May 31 2110:00	SPXS	US	258	270	53.16	In Earth orbit
1665	1679	864231	2025-118B	Global-32	2025 Jun 2 2357	2025 Jun 3 0049	BSKG	US	455	491	59.02	In Earth orbit
1666	1680	864233	2025-119A	Starlink 11686	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	284	292	43.01	In Earth orbit
1667	1681	864234	2025-119B	Starlink 11682	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1668	1682	864235	2025-119C	Starlink 11675	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1669	1683	864236	2025-119D	Starlink 11691	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1670	1684	864237	2025-119E	Starlink 11670	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1671	1685	864238	2025-119F	Starlink 11708	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1672	1686	864239	2025-119G	Starlink 11683	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1673	1687	864240	2025-119H	Starlink 11684	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1674	1688	864241	2025-119J	Starlink 11689	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1675	1689	864242	2025-119K	Starlink 11694	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1676	1690	864243	2025-119L	Starlink 11694	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1677	1691	864244	2025-119M	Starlink 11710	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1678	1692	864245	2025-119N	Starlink 11704	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1679	1693	864246	2025-119P	Starlink 34203	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1680	1694	864247	2025-119Q	Starlink 33865	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1681	1695	864248	2025-119R	Starlink 34234	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1682	1696	864249	2025-119S	Starlink 34256	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1683	1697	864250	2025-119T	Starlink 34229	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1684	1698	864251	2025-119U	Starlink 34224	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1685	1699	864252	2025-119V	Starlink 34215	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1686	1700	864253	2025-119W	Starlink 33893	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1687	1701	864254	2025-119X	Starlink 34183	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1688	1702	864255	2025-119Y	Starlink 34211	2025 Jun 3 0443:40	2025 Jun 3 0549:03	SPXS	US	283	292	43.01	In Earth orbit
1689	1703	864256	2025-120A	Starlink 34329	2025 Jun 4 2340:30	2025 Jun 5 0041:00	SPXS	US	263	275	53.16	In Earth orbit
1690	1704	864257	2025-120B	Starlink 34352	2025 Jun 4 2340:30	2025 Jun 5 0041:00	SPXS	US	263	275	53.16	In Earth orbit
1691	1705	864258	2025-120C	Starlink 34308	2025 Jun 4 2340:30	2025 Jun 5 0041:00	SPXS	US	263	274	53.16	In Earth orbit
1692	1706	864259	2025-120D	Starlink 34306	2025 Jun 4 2340:30	2025 Jun 5 0041:00	SPXS	US	263	274	53.16	In Earth orbit
1693	1707	864260	2025-120E	Starlink 34281	2025 Jun 4 2340:30	2025 Jun 5 0041:00	SPXS	US	263	274	53.16	In Earth orbit
1694	1708	864261	2025-120F	Starlink 34297	2025 Jun 4 2340:30	2025 Jun 5 0041:00	SPXS	US	263	274	53.16	In Earth orbit
1695	1709	864262	2025-120G	Starlink 34325	2025 Jun 4 2340:30	2025 Jun 5 0041:00	SPXS	US	262	274	53.16	In Earth orbit

1696	1710	864263	2025-120H	Starlink 34276	2025 Jun 4 23:40:30	2025 Jun 5 00:41:00	SPXS	US	262	274	53.16	In Earth orbit
1697	1711	864264	2025-120J	Starlink 34333	2025 Jun 4 23:40:30	2025 Jun 5 00:41:00	SPXS	US	262	274	53.16	In Earth orbit
1698	1712	864265	2025-120K	Starlink 34240	2025 Jun 4 23:40:30	2025 Jun 5 00:41:00	SPXS	US	262	274	53.16	In Earth orbit
1699	1713	864266	2025-120L	Starlink 34315	2025 Jun 4 23:40:30	2025 Jun 5 00:41:00	SPXS	US	262	274	53.16	In Earth orbit
1700	1714	864267	2025-120M	Starlink 34321	2025 Jun 4 23:40:30	2025 Jun 5 00:41:00	SPXS	US	262	274	53.16	In Earth orbit
1701	1715	864268	2025-120N	Starlink 34319	2025 Jun 4 23:40:30	2025 Jun 5 00:41:00	SPXS	US	262	274	53.16	In Earth orbit
1702	1716	864269	2025-120P	Starlink 34298	2025 Jun 4 23:40:30	2025 Jun 5 00:41:00	SPXS	US	262	274	53.16	In Earth orbit
1703	1717	864270	2025-120Q	Starlink 34219	2025 Jun 4 23:40:30	2025 Jun 5 00:41:00	SPXS	US	262	274	53.16	In Earth orbit
1704	1718	864271	2025-120R	Starlink 34342	2025 Jun 4 23:40:30	2025 Jun 5 00:41:00	SPXS	US	262	274	53.16	In Earth orbit
1705	1719	864272	2025-120S	Starlink 34001	2025 Jun 4 23:40:30	2025 Jun 5 00:41:00	SPXS	US	262	274	53.16	In Earth orbit
1706	1720	864273	2025-120T	Starlink 34334	2025 Jun 4 23:40:30	2025 Jun 5 00:41:00	SPXS	US	262	274	53.16	In Earth orbit
1707	1721	864274	2025-120U	Starlink 34272	2025 Jun 4 23:40:30	2025 Jun 5 00:41:00	SPXS	US	262	274	53.16	In Earth orbit
1708	1722	864275	2025-120V	Starlink 34293	2025 Jun 4 23:40:30	2025 Jun 5 00:41:00	SPXS	US	262	274	53.16	In Earth orbit
1709	1723	864276	2025-120W	Starlink 34350	2025 Jun 4 23:40:30	2025 Jun 5 00:41:00	SPXS	US	262	274	53.16	In Earth orbit
1710	1724	864277	2025-120X	Starlink 34264	2025 Jun 4 23:40:30	2025 Jun 5 00:41:00	SPXS	US	262	274	53.16	In Earth orbit
1711	1725	864278	2025-120Y	Starlink 34353	2025 Jun 4 23:40:30	2025 Jun 5 00:41:00	SPXS	US	262	274	53.16	In Earth orbit
1712	1726	864279	2025-120Z	Starlink 34377	2025 Jun 4 23:40:30	2025 Jun 5 00:41:00	SPXS	US	262	274	53.16	In Earth orbit
1713	1727	864280	2025-120AA	Starlink 34359	2025 Jun 4 23:40:30	2025 Jun 5 00:41:00	SPXS	US	262	274	53.16	In Earth orbit
1714	1728	864281	2025-120AB	Starlink 34366	2025 Jun 4 23:40:30	2025 Jun 5 00:41:00	SPXS	US	262	274	53.16	In Earth orbit
1715	1729	864282	2025-120AC	Starlink 34381	2025 Jun 4 23:40:30	2025 Jun 5 00:41:00	SPXS	US	262	274	53.16	In Earth orbit
1716	1730	864283	2025-121A	WHDW 04-01	2025 Jun 5 20:45	2025 Jun 5 21:35?	ZXW	CN	996	1009	86.50	In Earth orbit
1717	1731	864284	2025-121B	WHDW 04-02	2025 Jun 5 20:45	2025 Jun 5 21:35?	ZXW	CN	996	1008	86.50	In Earth orbit
1718	1732	864285	2025-121C	WHDW 04-03	2025 Jun 5 20:45	2025 Jun 5 21:35?	ZXW	CN	996	1008	86.49	In Earth orbit
1719	1733	864286	2025-121D	WHDW 04-04	2025 Jun 5 20:45	2025 Jun 5 21:35?	ZXW	CN	996	1007	86.50	In Earth orbit
1720	1734	864287	2025-121E	WHDW 04-05	2025 Jun 5 20:45	2025 Jun 5 21:35?	ZXW	CN	995	1006	86.50	In Earth orbit
1721	1735	864290	2025-122A	SXM-10	2025 Jun 7 04:54	2025 Jun 7 05:27	SRX	US	35774	35800	0.02	In Earth orbit
1722	1736	864291	2025-123A	Starlink 34448	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	267	280	70.00	In Earth orbit
1723	1737	864292	2025-123B	Starlink 34362	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	267	280	70.00	In Earth orbit
1724	1738	864293	2025-123C	Starlink 34428	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	267	280	70.00	In Earth orbit
1725	1739	864294	2025-123D	Starlink 34388	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	267	280	70.00	In Earth orbit
1726	1740	864295	2025-123E	Starlink 34424	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	267	280	70.00	In Earth orbit
1727	1741	864296	2025-123F	Starlink 34443	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	267	279	70.00	In Earth orbit
1728	1742	864297	2025-123G	Starlink 34369	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	267	279	70.00	In Earth orbit
1729	1743	864298	2025-123H	Starlink 34391	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	266	279	70.00	In Earth orbit
1730	1744	864299	2025-123J	Starlink 34378	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	266	279	70.00	In Earth orbit
1731	1745	864300	2025-123K	Starlink 34376	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	266	279	70.00	In Earth orbit
1732	1746	864301	2025-123L	Starlink 34372	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	266	279	70.00	In Earth orbit
1733	1747	864302	2025-123M	Starlink 34379	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	266	279	70.00	In Earth orbit
1734	1748	864303	2025-123N	Starlink 34356	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	266	279	70.00	In Earth orbit
1735	1749	864304	2025-123P	Starlink 34360	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	266	279	70.00	In Earth orbit
1736	1750	864305	2025-123Q	Starlink 34383	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	266	279	70.00	In Earth orbit
1737	1751	864306	2025-123R	Starlink 34355	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	266	279	70.00	In Earth orbit
1738	1752	864307	2025-123S	Starlink 34380	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	266	279	70.00	In Earth orbit
1739	1753	864308	2025-123T	Starlink 34374	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	266	279	70.00	In Earth orbit
1740	1754	864309	2025-123U	Starlink 34370	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	266	279	70.00	In Earth orbit
1741	1755	864310	2025-123V	Starlink 34377	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	266	279	70.00	In Earth orbit
1742	1756	864311	2025-123W	Starlink 34368	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	266	279	70.00	In Earth orbit
1743	1757	864312	2025-123X	Starlink 34384	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	266	279	70.00	In Earth orbit
1744	1758	864313	2025-123Y	Starlink 34358	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	266	279	70.00	In Earth orbit
1745	1759	864314	2025-123Z	Starlink 34354	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	266	279	70.00	In Earth orbit
1746	1760	864315	2025-123AA	Starlink 34387	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	266	279	70.00	In Earth orbit
1747	1761	864316	2025-123AB	Starlink 33590	2025 Jun 8 14:20:10	2025 Jun 8 15:21:43	SPXS	US	266	279	70.00	In Earth orbit
1748	1762	864317	2025-124A	Starlink 11736	2025 Jun 10 13:05:40	2025 Jun 10 14:11:01	SPXS	US	285	289	43.00	In Earth orbit
1749	1763	864318	2025-124B	Starlink 11673	2025 Jun 10 13:05:40	2025 Jun 10 14:11:01	SPXS	US	285	289	43.00	In Earth orbit
1750	1764	864319	2025-124C	Starlink 11671	2025 Jun 10 13:05:40	2025 Jun 10 14:11:01	SPXS	US	285	289	43.00	In Earth orbit
1751	1765	864320	2025-124D	Starlink 11594	2025 Jun 10 13:05:40	2025 Jun 10 14:11:01	SPXS	US	285	289	43.00	In Earth orbit
1752	1766	864321	2025-124E	Starlink 11596	2025 Jun 10 13:05:40	2025 Jun 10 14:11:01	SPXS	US	284	289	43.00	In Earth orbit
1753	1767	864322	2025-124F	Starlink 11747	2025 Jun 10 13:05:40	2025 Jun 10 14:11:01	SPXS	US	284	289	43.00	In Earth orbit
1754	1768	864323	2025-124G	Starlink 11728	2025 Jun 10 13:05:40	2025 Jun 10 14:11:01	SPXS	US	284	289	43.00	In Earth orbit
1755	1769	864324	2025-124H	Starlink 11696	2025 Jun 10 13:05:40	2025 Jun 10 14:11:01	SPXS	US	284	289	43.00	In Earth orbit
1756	1770	864325	2025-124I	Starlink 11698	2025 Jun 10 13:05:40	2025 Jun 10 14:11:01	SPXS	US	284	289	43.00	In Earth orbit
1757	1771	864326	2025-124K	Starlink 11678	2025 Jun 10 13:05:40	2025 Jun 10 14:11:01	SPXS	US	284	289	43.00	In Earth orbit
1758	1772	864327	2025-124L	Starlink 11674	2025 Jun 10 13:05:40	2025 Jun 10 14:11:01	SPXS	US	284	289	43.00	In Earth orbit
1759	1773	864328	2025-124M	Starlink 11707	2025 Jun 10 13:05:40	2025 Jun 10 14:11:01	SPXS	US	284	289	43.00	In Earth orbit
1760	1774	864329	2025-124N	Starlink 11734	2025 Jun 10 13:05:40	2025 Jun 10 14:11:01	SPXS	US	284	289	43.00	In Earth orbit
1761	1775	864330	2025-124P	Starlink 34252	2025 Jun 10 13:05:40	2025 Jun 10 14:11:01	SPXS	US	283	293	43.01	In Earth orbit

1762	1776	864331	2025-124Q	Starlink 34050	2025 Jun 10 1305:40	2025 Jun 10 1411:01	SPXS	US	283	293	43.01	In Earth orbit
1763	1777	864332	2025-124R	Starlink 33782	2025 Jun 10 1305:40	2025 Jun 10 1411:01	SPXS	US	283	293	43.01	In Earth orbit
1764	1778	864333	2025-124S	Starlink 34207	2025 Jun 10 1305:40	2025 Jun 10 1411:01	SPXS	US	283	293	43.01	In Earth orbit
1765	1779	864334	2025-124T	Starlink 34260	2025 Jun 10 1305:40	2025 Jun 10 1411:01	SPXS	US	283	293	43.01	In Earth orbit
1766	1780	864335	2025-124U	Starlink 33855	2025 Jun 10 1305:40	2025 Jun 10 1411:01	SPXS	US	283	293	43.01	In Earth orbit
1767	1781	864336	2025-124V	Starlink 34223	2025 Jun 10 1305:40	2025 Jun 10 1411:01	SPXS	US	283	293	43.01	In Earth orbit
1768	1782	864337	2025-124W	Starlink 34216	2025 Jun 10 1305:40	2025 Jun 10 1411:01	SPXS	US	283	293	43.01	In Earth orbit
1769	1783	864338	2025-124X	Starlink 34218	2025 Jun 10 1305:40	2025 Jun 10 1411:01	SPXS	US	283	293	43.01	In Earth orbit
1770	1784	864339	2025-124Y	Starlink 34017	2025 Jun 10 1305:40	2025 Jun 10 1411:01	SPXS	US	283	293	43.01	In Earth orbit
1771	1785	864340	2025-125A	Yamatsumi-J	2025 Jun 11 1531	2025 Jun 11 1621	QPS	J	569	582	42.01	In Earth orbit
1772	1786	864344	2025-126A	Starlink 33977	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	265	279	70.00	In Earth orbit
1773	1787	864345	2025-126B	Starlink 34426	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	265	278	70.00	In Earth orbit
1774	1788	864346	2025-126C	Starlink 34437	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	265	278	70.00	In Earth orbit
1775	1789	864347	2025-126D	Starlink 34407	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1776	1790	864348	2025-126E	Starlink 34274	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1777	1791	864349	2025-126F	Starlink 34301	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1778	1792	864350	2025-126G	Starlink 34425	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1779	1793	864351	2025-126H	Starlink 34389	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1780	1794	864352	2025-126I	Starlink 34385	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1781	1795	864353	2025-126K	Starlink 34431	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1782	1796	864354	2025-126L	Starlink 34473	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1783	1797	864355	2025-126M	Starlink 34270	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1784	1798	864356	2025-126N	Starlink 34397	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1785	1799	864357	2025-126P	Starlink 34454	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1786	1800	864358	2025-126Q	Starlink 34436	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1787	1801	864359	2025-126R	Starlink 34291	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1788	1802	864360	2025-126S	Starlink 34458	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1789	1803	864361	2025-126T	Starlink 34243	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1790	1804	864362	2025-126U	Starlink 34335	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1791	1805	864363	2025-126V	Starlink 34408	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1792	1806	864364	2025-126W	Starlink 34476	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1793	1807	864365	2025-126X	Starlink 34479	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1794	1808	864366	2025-126Y	Starlink 34484	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1795	1809	864367	2025-126Z	Starlink 34483	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1796	1810	864368	2025-126AA	Starlink 34457	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1797	1811	864369	2025-126AB	Starlink 34444	2025 Jun 13 0154:50	2025 Jun 13 0256:20	SPXS	US	264	278	70.00	In Earth orbit
1798	1812	864370	2025-127A	Starlink 11732	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	282	290	43.00	In Earth orbit
1799	1813	864371	2025-127B	Starlink 11731	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	282	290	43.00	In Earth orbit
1800	1814	864372	2025-127C	Starlink 11746	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	282	290	43.00	In Earth orbit
1801	1815	864373	2025-127D	Starlink 11748	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	282	290	43.00	In Earth orbit
1802	1816	864374	2025-127E	Starlink 11739	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	282	290	43.00	In Earth orbit
1803	1817	864375	2025-127F	Starlink 11738	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	282	290	43.00	In Earth orbit
1804	1818	864376	2025-127G	Starlink 11745	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	282	290	43.00	In Earth orbit
1805	1819	864377	2025-127H	Starlink 11742	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	282	290	43.00	In Earth orbit
1806	1820	864378	2025-127I	Starlink 11711	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	282	292	43.00	In Earth orbit
1807	1821	864379	2025-127J	Starlink 11743	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	281	290	43.00	In Earth orbit
1808	1822	864380	2025-127L	Starlink 11692	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	281	290	43.00	In Earth orbit
1809	1823	864381	2025-127M	Starlink 11740	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	284	292	43.00	In Earth orbit
1810	1824	864382	2025-127N	Starlink 11742	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	281	290	43.01	In Earth orbit
1811	1825	864383	2025-127P	Starlink 34299	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	284	292	43.01	In Earth orbit
1812	1826	864384	2025-127Q	Starlink 34271	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	284	292	43.01	In Earth orbit
1813	1827	864385	2025-127R	Starlink 34100	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	284	292	43.01	In Earth orbit
1814	1828	864386	2025-127S	Starlink 34269	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	284	292	43.01	In Earth orbit
1815	1829	864387	2025-127T	Starlink 34351	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	284	292	43.01	In Earth orbit
1816	1830	864388	2025-127U	Starlink 34198	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	284	292	43.01	In Earth orbit
1817	1831	864389	2025-127V	Starlink 34279	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	284	292	43.00	In Earth orbit
1818	1832	864390	2025-127W	Starlink 34292	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	284	292	43.00	In Earth orbit
1819	1833	864391	2025-127X	Starlink 34278	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	284	292	43.00	In Earth orbit
1820	1834	864392	2025-127Y	Starlink 33802	2025 Jun 13 1529:00	2025 Jun 13 1634:16	SPXS	US	284	292	43.00	In Earth orbit
1821	1835	864393	2025-128A	Zhangheng 1-02	2025 Jun 14 0756	2025 Jun 14 0801?	CAS	CN	491	504	97.32	In Earth orbit
1822	1836	864412	2025-129A	Starlink 34419	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	266	279	70.00	In Earth orbit
1823	1837	864413	2025-129B	Starlink 34275	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	266	279	70.00	In Earth orbit
1824	1838	864414	2025-129C	Starlink 34425	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	266	279	70.00	In Earth orbit
1825	1839	864415	2025-129D	Starlink 34422	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	266	279	70.00	In Earth orbit
1826	1840	864416	2025-129E	Starlink 34514	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	266	279	70.00	In Earth orbit
1827	1841	864417	2025-129F	Starlink 34487	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	266	279	70.00	In Earth orbit

1828	1842	S64418	2025-129G	Starlink 34461	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	266	279	70.00	In Earth orbit
1829	1843	S64419	2025-129H	Starlink 34512	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	266	279	70.00	In Earth orbit
1830	1844	S64420	2025-129I	Starlink 34508	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	266	279	70.00	In Earth orbit
1831	1845	S64421	2025-129K	Starlink 34498	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	266	279	70.00	In Earth orbit
1832	1846	S64422	2025-129L	Starlink 34434	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	266	279	70.00	In Earth orbit
1833	1847	S64423	2025-129M	Starlink 34467	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	266	279	70.00	In Earth orbit
1834	1848	S64424	2025-129N	Starlink 34468	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	265	279	70.00	In Earth orbit
1835	1849	S64425	2025-129P	Starlink 34452	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	265	279	70.00	In Earth orbit
1836	1850	S64426	2025-129Q	Starlink 34452	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	265	279	70.00	In Earth orbit
1837	1851	S64427	2025-129R	Starlink 34480	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	265	279	70.00	In Earth orbit
1838	1852	S64428	2025-129S	Starlink 34495	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	265	279	70.00	In Earth orbit
1839	1853	S64429	2025-129T	Starlink 34501	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	265	279	70.00	In Earth orbit
1840	1854	S64430	2025-129U	Starlink 34441	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	265	279	70.00	In Earth orbit
1841	1855	S64431	2025-129V	Starlink 34524	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	265	279	70.00	In Earth orbit
1842	1856	S64432	2025-129W	Starlink 34506	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	265	279	70.00	In Earth orbit
1843	1857	S64433	2025-129X	Starlink 34451	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	265	279	70.00	In Earth orbit
1844	1858	S64434	2025-129Y	Starlink 34472	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	265	279	70.00	In Earth orbit
1845	1859	S64435	2025-129Z	Starlink 34478	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	265	279	70.00	In Earth orbit
1846	1860	S64436	2025-129AA	Starlink 34396	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	265	279	70.00	In Earth orbit
1847	1861	S64437	2025-129AB	Starlink 34507	2025 Jun 17 0336:50	2025 Jun 17 0438:19	SPXS	US	265	279	70.00	In Earth orbit
1848	1862	S64438	2025-130A	Starlink 34465	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	274	53.16	In Earth orbit
1849	1863	S64439	2025-130B	Starlink 34456	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	274	53.16	In Earth orbit
1850	1864	S64440	2025-130C	Starlink 34410	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	274	53.16	In Earth orbit
1851	1865	S64441	2025-130D	Starlink 34453	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	274	53.16	In Earth orbit
1852	1866	S64442	2025-130E	Starlink 34404	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	274	53.16	In Earth orbit
1853	1867	S64443	2025-130F	Starlink 34403	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	274	53.16	In Earth orbit
1854	1868	S64444	2025-130G	Starlink 34399	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	274	53.16	In Earth orbit
1855	1869	S64445	2025-130H	Starlink 34398	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	274	53.16	In Earth orbit
1856	1870	S64446	2025-130I	Starlink 34402	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	274	53.16	In Earth orbit
1857	1871	S64447	2025-130K	Starlink 34450	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	274	53.16	In Earth orbit
1858	1872	S64448	2025-130L	Starlink 34433	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	274	53.16	In Earth orbit
1859	1873	S64449	2025-130M	Starlink 34459	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	274	53.16	In Earth orbit
1860	1874	S64450	2025-130N	Starlink 34361	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	274	53.16	In Earth orbit
1861	1875	S64451	2025-130P	Starlink 34392	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	273	53.16	In Earth orbit
1862	1876	S64452	2025-130Q	Starlink 34367	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	273	53.16	In Earth orbit
1863	1877	S64453	2025-130R	Starlink 34221	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	273	53.16	In Earth orbit
1864	1878	S64454	2025-130S	Starlink 34282	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	273	53.16	In Earth orbit
1865	1879	S64455	2025-130T	Starlink 34295	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	273	53.16	In Earth orbit
1866	1880	S64456	2025-130U	Starlink 34430	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	273	53.16	In Earth orbit
1867	1881	S64457	2025-130V	Starlink 34445	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	273	53.16	In Earth orbit
1868	1882	S64458	2025-130W	Starlink 34439	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	273	53.16	In Earth orbit
1869	1883	S64459	2025-130X	Starlink 34421	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	273	53.16	In Earth orbit
1870	1884	S64460	2025-130Y	Starlink 34423	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	273	53.16	In Earth orbit
1871	1885	S64461	2025-130Z	Starlink 34418	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	273	53.16	In Earth orbit
1872	1886	S64462	2025-130AA	Starlink 34336	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	273	53.16	In Earth orbit
1873	1887	S64463	2025-130AB	Starlink 34400	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	273	53.16	In Earth orbit
1874	1888	S64464	2025-130AC	Starlink 34429	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	273	53.16	In Earth orbit
1875	1889	S64465	2025-130AD	Starlink 34449	2025 Jun 18 0555:10	2025 Jun 18 0659:38	SPXS	US	264	273	53.16	In Earth orbit
1876	1890	S64467	2025-131A	Kosmos-2589	2025 Jun 19 0301:20?	2025 Jun 19 1530?	RESH	RU	20386	51194	0.86	In Earth orbit
1877	1891	S64527	2025-131C	Kosmos-2590	2025 Jun 19 0301:20?	2025 Jun 19	RESH	RU	20386	51194	0.86	Attached to Briz-M No. 88803
1878	1892	S64470	2025-132A	Zhongxing 9C	2025 Jun 20 1237	2025 Jun 20 1300?	CASI	CN	35772	35800	0.06	In Earth orbit
1879	1893	S64472	2025-133A	Starlink 34493	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	275	53.16	In Earth orbit
1880	1894	S64473	2025-133B	Starlink 34492	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	275	53.16	In Earth orbit
1881	1895	S64474	2025-133C	Starlink 34474	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	275	53.16	In Earth orbit
1882	1896	S64475	2025-133D	Starlink 34523	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	275	53.16	In Earth orbit
1883	1897	S64476	2025-133E	Starlink 34496	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	275	53.16	In Earth orbit
1884	1898	S64477	2025-133F	Starlink 34375	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	275	53.16	In Earth orbit
1885	1899	S64478	2025-133G	Starlink 34490	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	275	53.16	In Earth orbit
1886	1900	S64479	2025-133H	Starlink 34528	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	275	53.16	In Earth orbit
1887	1901	S64480	2025-133I	Starlink 34518	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	275	53.16	In Earth orbit
1888	1902	S64481	2025-133K	Starlink 34526	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	275	53.16	In Earth orbit
1889	1903	S64482	2025-133L	Starlink 34527	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	275	53.16	In Earth orbit
1890	1904	S64483	2025-133M	Starlink 34420	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	275	53.16	In Earth orbit
1891	1905	S64484	2025-133N	Starlink 34509	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	275	53.16	In Earth orbit
1892	1906	S64485	2025-133P	Starlink 34409	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	275	53.16	In Earth orbit
1893	1907	S64486	2025-133Q	Starlink 34520	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	275	53.16	In Earth orbit

1894	1908	864487	2025-133R	Starlink 34477	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	275	53.16	In Earth orbit
1895	1909	864488	2025-133S	Starlink 34217	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	274	53.16	In Earth orbit
1896	1910	864489	2025-133T	Starlink 34307	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	274	53.16	In Earth orbit
1897	1911	864490	2025-133U	Starlink 34505	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	274	53.16	In Earth orbit
1898	1912	864491	2025-133V	Starlink 34530	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	274	53.16	In Earth orbit
1899	1913	864492	2025-133W	Starlink 34522	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	274	53.16	In Earth orbit
1900	1914	864493	2025-133X	Starlink 34462	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	274	53.16	In Earth orbit
1901	1915	864494	2025-133Y	Starlink 34226	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	275	53.16	In Earth orbit
1902	1916	864495	2025-133Z	Starlink 34364	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	274	53.16	In Earth orbit
1903	1917	864496	2025-133AA	Starlink 34268	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	274	53.16	In Earth orbit
1904	1918	864497	2025-133AB	Starlink 34363	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	274	53.16	In Earth orbit
1905	1919	864498	2025-133AC	Starlink 34427	2025 Jun 23 0558:30	2025 Jun 23 0702:58	SPXS	US	264	274	53.16	In Earth orbit
1906	1920	864500	2025-134A	Kuiper-00039	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	467	51.87	In Earth orbit
1907	1921	864501	2025-134B	Kuiper-00040	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	456	473	51.87	In Earth orbit
1908	1922	864502	2025-134C	Kuiper-00041	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	456	471	51.87	In Earth orbit
1909	1923	864503	2025-134D	Kuiper-00042	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	469	51.87	In Earth orbit
1910	1924	864504	2025-134E	Kuiper-00043	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	469	51.87	In Earth orbit
1911	1925	864505	2025-134F	Kuiper-00044	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	456	472	51.87	In Earth orbit
1912	1926	864506	2025-134G	Kuiper-00046	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	470	51.87	In Earth orbit
1913	1927	864507	2025-134H	Kuiper-00047	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	456	472	51.87	In Earth orbit
1914	1928	864508	2025-134J	Kuiper-00048	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	461	51.88	In Earth orbit
1915	1929	864509	2025-134K	Kuiper-00049	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	466	51.87	In Earth orbit
1916	1930	864510	2025-134L	Kuiper-00050	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	466	51.87	In Earth orbit
1917	1931	864511	2025-134M	Kuiper-00051	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	464	51.88	In Earth orbit
1918	1932	864512	2025-134N	Kuiper-00052	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	463	51.88	In Earth orbit
1919	1933	864513	2025-134P	Kuiper-00053	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	459	51.88	In Earth orbit
1920	1934	864514	2025-134Q	Kuiper-00054	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	469	51.87	In Earth orbit
1921	1935	864515	2025-134R	Kuiper-00055	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	456	51.88	In Earth orbit
1922	1936	864516	2025-134S	Kuiper-00056	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	462	51.88	In Earth orbit
1923	1937	864517	2025-134T	Kuiper-00057	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	466	51.87	In Earth orbit
1924	1938	864518	2025-134U	Kuiper-00058	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	464	51.87	In Earth orbit
1925	1939	864519	2025-134V	Kuiper-00059	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	457	51.88	In Earth orbit
1926	1940	864520	2025-134W	Kuiper-00060	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	459	51.88	In Earth orbit
1927	1941	864521	2025-134X	Kuiper-00061	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	465	51.88	In Earth orbit
1928	1942	864522	2025-134Y	Kuiper-00062	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	462	51.88	In Earth orbit
1929	1943	864523	2025-134Z	Kuiper-00063	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	460	51.88	In Earth orbit
1930	1944	864524	2025-134AA	Kuiper-00064	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	457	51.88	In Earth orbit
1931	1945	864525	2025-134AB	Kuiper-00065	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	468	51.87	In Earth orbit
1932	1946	864526	2025-134AC	Kuiper-00066	2025 Jun 23 1054:30	2025 Jun 23 1122:27	KUIP	US	455	458	51.88	In Earth orbit
1933	1947	864528	2025-135A	Good Ancestor Kilakila	2025 Jun 23 2125:00	2025 Jun 23 2220	SBKHZ/GAF	SB	512	517	97.45	In Earth orbit
1934	1948	864529	2025-135B	Pierre	2025 Jun 23 2125:00	2025 Jun 23 2220	GHG	CA	512	513	97.45	In Earth orbit
1935	1949	864530	2025-135C	DUTHSat-2	2025 Jun 23 2125:00	2025 Jun 23 2221	DUTH	GR	511	514	97.44	In Earth orbit
1936	1950	864531	2025-135D	HORIS-1	2025 Jun 23 2125:00	2025 Jun 23 2225	ACMEQ	US	509	512	97.45	In Earth orbit
1937	1951	864532	2025-135E	RIDU-Sat 1	2025 Jun 23 2125:00	2025 Jun 23 2220	UNHAN	ID	512	517	97.44	In Earth orbit
1938	1952	864533	2025-135F	Te Punaha Atea-1	2025 Jun 23 2125:00	2025 Jun 23 2220	TPA	NZ	512	515	97.45	In Earth orbit
1939	1953	864534	2025-135G	Connecta IOT-9	2025 Jun 23 2125:00	2025 Jun 23 2221	PLNSST	TR	512	515	97.45	In Earth orbit
1940	1954	864535	2025-135H	UND ROADS 1	2025 Jun 23 2125:00	2025 Jun 23 2220	UND	US	511	517	97.45	In Earth orbit
1941	1955	864536	2025-135I	WISESAT-3	2025 Jun 23 2125:00	2025 Jun 23 2223	WISEK	CH	511	512	97.45	In Earth orbit
1942	1956	864537	2025-135K	Orter Pup 2	2025 Jun 23 2125:00	2025 Jun 23 2221	STFISH	US	512	513	97.44	In Earth orbit
1943	1957	864538	2025-135L	Starlink IOD-2	2025 Jun 23 2125:00	2025 Jun 23 2223	STCAL	E	510	512	97.44	In Earth orbit
1944	1958	864539	2025-135M	Elara 1	2025 Jun 23 2125:00	2025 Jun 23 2224	GILM	AU	509	512	97.44	In Earth orbit
1945	1959	864540	2025-135N	ACRSTONE	2025 Jun 23 2125:00	2025 Jun 23 2223	LARCN	US	510	513	97.45	In Earth orbit
1946	1960	864541	2025-135P	Pulsar IOV	2025 Jun 23 2125:00	2025 Jun 23 2227	XONA	US	508	512	97.45	In Earth orbit
1947	1961	864542	2025-135Q	York TIDES	2025 Jun 23 2125:00	2025 Jun 23 2229	SDA/YORKSS	US	511	518	97.45	In Earth orbit
1948	1962	864543	2025-135R	Winnebago-4	2025 Jun 23 2125:00	2025 Jun 23 2226	VARDA	US	508	512	97.45	In Earth orbit
1949	1963	864544	2025-135S	SkyBee-AO2	2025 Jun 23 2125:00	2025 Jun 23 2226	CNSTR	D	509	512	97.44	In Earth orbit
1950	1964	864545	2025-135T	ION Passionate Paula	2025 Jun 23 2125:00	2025 Jun 23 2223	DORBIT	I	510	513	97.45	In Earth orbit
1951	1965	864546	2025-135U	ForgeStar-1	2025 Jun 23 2125:00	2025 Jun 23 2223	SPOFG	UK	510	512	97.44	In Earth orbit
1952	1966	864547	2025-135V	JACK-001	2025 Jun 23 2125:00	2025 Jun 23 2220	COSMW	KR	512	516	97.44	In Earth orbit
1953	1967	864548	2025-135W	Valmay	2025 Jun 23 2125:00	2025 Jun 23 2221	GHG	CA	512	515	97.45	In Earth orbit
1954	1968	864549	2025-135X	UND ROADS 2	2025 Jun 23 2125:00	2025 Jun 23 2222	UND	US	511	512	97.44	In Earth orbit
1955	1969	864550	2025-135Y	BRO-18	2025 Jun 23 2125:00	2025 Jun 23 2221	UNSEEN	F	511	513	97.45	In Earth orbit
1956	1970	864551	2025-135Z	SAIMAR	2025 Jun 23 2125:00	2025 Jun 23 2221	ALNSP	E	512	515	97.45	In Earth orbit
1957	1971	864552	2025-135AA	Hyperfield-1B	2025 Jun 23 2125:00	2025 Jun 23 2220	KUVA	FI	512	515	97.45	In Earth orbit
1958	1972	864553	2025-135AB	Connecta IOT-12	2025 Jun 23 2125:00	2025 Jun 23 2220	PLNSST	TR	512	517	97.44	In Earth orbit
1959	1973	864554	2025-135AC	HORIS-2	2025 Jun 23 2125:00	2025 Jun 23 2225	ACMEQ	US	508	512	97.44	In Earth orbit

1960	1974	864555	2025-135AD	?	Connecta IoT-10	2025 Jun 23 2125:00	2025 Jun 23 2219	PLNSST	TR	512	518	97.45	In Earth orbit
1961	1975	864556	2025-135AE		MOBIUS-1	2025 Jun 23 2125:00	2025 Jun 23 2220	GALAX	CA	511	517	97.45	In Earth orbit
1962	1976	864557	2025-135AF		Connecta IoT-11	2025 Jun 23 2125:00	2025 Jun 23 2219	PLNSST	TR	511	517	97.44	In Earth orbit
1963	1977	864558	2025-135AG		Quick3	2025 Jun 23 2125:00	2025 Jun 23 2219	DLR/NANAV	D	512	518	97.44	In Earth orbit
1964	1978	864559	2025-135AH		PADRE	2025 Jun 23 2125:00	2025 Jun 23 2341	UCB/GSFC	US	593	594	97.75	In Earth orbit
1965	1979	864560	2025-135AJ	?	ADDCUBE	2025 Jun 23 2125:00	2025 Jun 23 2341	HARRL3	US	593	595	97.75	In Earth orbit
1966	1980	864561	2025-135AK		Lemur-2 Krish	2025 Jun 23 2125:00	2025 Jun 23 2341	SPREM/MCON	US	593	595	97.75	In Earth orbit
1967	1981	864562	2025-135AL		Lilo	2025 Jun 23 2125:00	2025 Jun 23 2342	HUBN/ENDUR	US	592	594	97.75	In Earth orbit
1968	1982	864563	2025-135AM		AE3Va	2025 Jun 23 2125:00	2025 Jun 23 2342	ARKE	J	592	594	97.75	In Earth orbit
1969	1983	864564	2025-135AN		Time Files	2025 Jun 23 2125:00	2025 Jun 23 2342	TRPT	US	592	594	97.75	In Earth orbit
1970	1984	864565	2025-135AP		Shaggy	2025 Jun 23 2125:00	2025 Jun 23 2341	HUBN/SPIREG	US	593	594	97.75	In Earth orbit
1971	1985	864566	2025-135AQ		ARVAKER 3	2025 Jun 23 2125:00	2025 Jun 23 2343	NSC	N	591	594	97.75	In Earth orbit
1972	1986	864567	2025-135AR		ARVAKER 2	2025 Jun 23 2125:00	2025 Jun 23 2342	NSC	N	591	595	97.75	In Earth orbit
1973	1987	864568	2025-135AS		IRIDE-M52-HEO-3	2025 Jun 23 2125:00	2025 Jun 23 2344	ASI/ARGOT	I	594	612	97.75	In Earth orbit
1974	1988	864569	2025-135AT		IRIDE-M52-HEO-2	2025 Jun 23 2125:00	2025 Jun 23 2343	ASI/ARGOT	I	590	595	97.75	In Earth orbit
1975	1989	864570	2025-135AU		ICEYE-X54	2025 Jun 23 2125:00	2025 Jun 23 2344	ICEYE	FI	589	595	97.75	In Earth orbit
1976	1990	864571	2025-135AV		IRIDE-M52-HEO-5	2025 Jun 23 2125:00	2025 Jun 23 2344	ASI/ARGOT	I	589	594	97.75	In Earth orbit
1977	1991	864572	2025-135AW		ICEYE-X52	2025 Jun 23 2125:00	2025 Jun 23 2344	ICEYE	FI	588	595	97.75	In Earth orbit
1978	1992	864573	2025-135AX		VanZyl-2	2025 Jun 23 2125:00	2025 Jun 23 2345	HYDRO	L	588	594	97.75	In Earth orbit
1979	1993	864574	2025-135AY		ICEYE-X56	2025 Jun 23 2125:00	2025 Jun 23 2345	ICEYE	FI	588	594	97.75	In Earth orbit
1980	1994	864575	2025-135AZ		ION Charismatic Carlus	2025 Jun 23 2125:00	2025 Jun 23 2345	DORBIT	I	588	594	97.75	In Earth orbit
1981	1995	864576	2025-135BA		IRIDE-M52-HEO-6	2025 Jun 23 2125:00	2025 Jun 23 2347	ASI/ARGOT	I	586	594	97.75	In Earth orbit
1982	1996	864577	2025-135BB		Lyra-3	2025 Jun 23 2125:00	2025 Jun 23 2348	ECHOAU	AU	586	594	97.75	In Earth orbit
1983	1997	864578	2025-135BC		ICEYE-X57	2025 Jun 23 2125:00	2025 Jun 23 2350	ICEUS	US	590	594	97.75	In Earth orbit
1984	1998	864579	2025-135BD		GRUS-3 Alpha	2025 Jun 23 2125:00	2025 Jun 23 2346	AXEL	J	586	595	97.75	In Earth orbit
1985	1999	864580	2025-135BE		EDA-1	2025 Jun 23 2125:00	2025 Jun 23 2346	LOFT/EDA	US	587	594	97.75	In Earth orbit
1986	2000	864581	2025-135BF		ICEYE-X55	2025 Jun 23 2125:00	2025 Jun 23 2346	ICEYE	FI	587	594	97.75	In Earth orbit
1987	2001	864582	2025-135BG		IRIDE-M52-HEO-4	2025 Jun 23 2125:00	2025 Jun 23 2345	ASI/ARGOT	I	588	594	97.75	In Earth orbit
1988	2002	864583	2025-135BH		Capella 17	2025 Jun 23 2125:00	2025 Jun 23 2344	CAPSP	US	588	594	97.75	In Earth orbit
1989	2003	864584	2025-135BI		ICEYE-X53	2025 Jun 23 2125:00	2025 Jun 23 2344	ICEYE	FI	589	594	97.75	In Earth orbit
1990	2004	864585	2025-135BK		IRIDE-M52-HEO-9	2025 Jun 23 2125:00	2025 Jun 23 2344	ASI/ARGOT	I	589	595	97.75	In Earth orbit
1991	2005	864586	2025-135BL		Sejong-2	2025 Jun 23 2125:00	2025 Jun 23 2343	HANCOM	KR	591	595	97.75	In Earth orbit
1992	2006	864587	2025-135BM		IRIDE-M52-HEO-8	2025 Jun 23 2125:00	2025 Jun 23 2343	ASI/ARGOT	I	593	607	97.75	In Earth orbit
1993	2007	864588	2025-135BN		BIFROST	2025 Jun 23 2125:00	2025 Jun 23 2342	FM/FMV	DK	592	595	97.75	In Earth orbit
1994	2008	864589	2025-135BP		Satoro-T3	2025 Jun 23 2125:00	2025 Jun 23 2341	SATORO	TW	593	595	97.75	In Earth orbit
1995	2009	864590	2025-135BQ	?	PARUS-T2	2025 Jun 23 2125:00	2025 Jun 23 2341	TASA	J	592	595	97.75	In Earth orbit
1996	2010	864591	2025-135BR		AE2a	2025 Jun 23 2125:00	2025 Jun 23 2342	ARKE	J	591	594	97.75	In Earth orbit
1997	2011	864592	2025-135BS		Stitch	2025 Jun 23 2125:00	2025 Jun 23 2341	HUBN/ENDUR	US	594	595	97.75	In Earth orbit
1998	2012	864840	2025-135BT		Scooby	2025 Jun 23 2125:00	2025 Jun 23 2343	HUBN/SPIREG	US	586	595	97.75	In Earth orbit
1999	2013	864841	2025-135BU		Lemur-2 KarenDarell	2025 Jun 23 2125:00	2025 Jul 17?	SPIRE/LACU	US	586	595	97.75	In Earth orbit
2000	2014	A11628	2025-135	?	Lemur-2	2025-135	2025 Jul 15	SPX	US	189	208	51.60	Landed
2001	2015	864593	2025-136A		Axiom Ax-4	2025 Jun 25 0631:53	2025 Jun 25 0641:31	SPX	US	266	275	53.16	In Earth orbit
2002	2016	864594	2025-137A		Starlink 34280	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	275	53.16	In Earth orbit
2003	2017	864595	2025-137B		Starlink 34517	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	275	53.16	In Earth orbit
2004	2018	864596	2025-137C		Starlink 34510	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	275	53.16	In Earth orbit
2005	2019	864597	2025-137D		Starlink 34486	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	275	53.16	In Earth orbit
2006	2020	864598	2025-137E		Starlink 34463	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	275	53.16	In Earth orbit
2007	2021	864599	2025-137F		Starlink 34294	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	275	53.16	In Earth orbit
2008	2022	864600	2025-137G		Starlink 34504	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	275	53.16	In Earth orbit
2009	2023	864601	2025-137H		Starlink 34508	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	275	53.16	In Earth orbit
2010	2024	864602	2025-137I		Starlink 34458	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	275	53.16	In Earth orbit
2011	2025	864603	2025-137J		Starlink 34475	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	275	53.16	In Earth orbit
2012	2026	864604	2025-137L		Starlink 34488	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	275	53.16	In Earth orbit
2013	2027	864605	2025-137M		Starlink 34516	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	275	53.16	In Earth orbit
2014	2028	864606	2025-137N		Starlink 34073	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	275	53.16	In Earth orbit
2015	2029	864607	2025-137P		Starlink 34532	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	275	53.16	In Earth orbit
2016	2030	864608	2025-137Q		Starlink 34519	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	274	53.16	In Earth orbit
2017	2031	864609	2025-137R		Starlink 34513	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	274	53.16	In Earth orbit
2018	2032	864610	2025-137S		Starlink 34569	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	274	53.16	In Earth orbit
2019	2033	864611	2025-137T		Starlink 34494	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	274	53.16	In Earth orbit
2020	2034	864612	2025-137U		Starlink 34521	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	274	53.16	In Earth orbit
2021	2035	864613	2025-137V		Starlink 34500	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	274	53.16	In Earth orbit
2022	2036	864614	2025-137W		Starlink 34460	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	274	53.16	In Earth orbit
2023	2037	864615	2025-137X		Starlink 34469	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	274	53.16	In Earth orbit
2024	2038	864616	2025-137Y		Starlink 34413	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	274	53.16	In Earth orbit
2025	2039	864617	2025-137Z		Starlink 34417	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	274	53.16	In Earth orbit

2026	2040	S64618	2025-137AA	Starlink 34415	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	274	53.16	In Earth orbit
2027	2041	S64619	2025-137AB	Starlink 34416	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	274	53.16	In Earth orbit
2028	2042	S64620	2025-137AC	Starlink 34414	2025 Jun 25 1954:50	2025 Jun 25 2059:17	SPXS	US	266	274	53.16	In Earth orbit
2029	2043	S64621	2025-138A	Hawk 12C	2025 Jun 26 1728	2025 Jun 26 1818*	HE360	US	514	532	97.44	In Earth orbit
2030	2044	S64622	2025-138B	Hawk 12B	2025 Jun 26 1728	2025 Jun 26 1818*	HE360	US	513	97.44	97.44	In Earth orbit
2031	2045	S64623	2025-138C	Hawk 12A	2025 Jun 26 1728	2025 Jun 26 1818*	HE360	US	512	97.44	97.44	In Earth orbit
2032	2046	S64624	2025-138D	Kestrel-0A	2025 Jun 26 1728	2025 Jun 26 1818*	HE360	US	510	97.44	97.44	In Earth orbit
2033	2047	S64664	2025-139A	Starlink 34464	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	275	53.16	In Earth orbit
2034	2048	S64665	2025-139B	Starlink 34555	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	275	53.16	In Earth orbit
2035	2049	S64666	2025-139C	Starlink 34390	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	275	53.16	In Earth orbit
2036	2050	S64667	2025-139D	Starlink 34382	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	275	53.16	In Earth orbit
2037	2051	S64668	2025-139E	Starlink 34395	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2038	2052	S64669	2025-139F	Starlink 34394	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2039	2053	S64670	2025-139G	Starlink 34287	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2040	2054	S64671	2025-139H	Starlink 34365	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2041	2055	S64672	2025-139I	Starlink 34442	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2042	2056	S64673	2025-139K	Starlink 34288	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2043	2057	S64674	2025-139L	Starlink 34539	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2044	2058	S64675	2025-139M	Starlink 34590	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2045	2059	S64676	2025-139N	Starlink 34573	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2046	2060	S64677	2025-139P	Starlink 34605	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2047	2061	S64678	2025-139Q	Starlink 34525	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2048	2062	S64679	2025-139R	Starlink 34489	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2049	2063	S64680	2025-139S	Starlink 34502	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2050	2064	S64681	2025-139T	Starlink 34553	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2051	2065	S64682	2025-139U	Starlink 34551	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2052	2066	S64683	2025-139V	Starlink 34550	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2053	2067	S64684	2025-139W	Starlink 34485	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2054	2068	S64685	2025-139X	Starlink 34253	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2055	2069	S64686	2025-139Y	Starlink 34565	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2056	2070	S64687	2025-139Z	Starlink 34554	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2057	2071	S64688	2025-139AA	Starlink 34262	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2058	2072	S64689	2025-139AB	Starlink 34538	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	274	53.16	In Earth orbit
2059	2073	S64690	2025-139AC	Starlink 34250	2025 Jun 28 0426:00	2025 Jun 28 0530:19	SPXS	US	265	273	53.16	In Earth orbit
2060	2074	S64691	2025-140A	Lyra 4	2025 Jun 28 0708	2025 Jun 28 0802*	ECHOAU	AU	649	662	95.98	In Earth orbit
2061	2075	S64694	2025-141A	Ibuki-GW	2025 Jun 28 1633:04	2025 Jun 28 1649*	JAXA	J	666	668	98.06	In Earth orbit
2062	2076	S64696	2025-142A	Starlink 34497	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	265	278	70.00	In Earth orbit
2063	2077	S64697	2025-142B	Starlink 34584	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	265	278	70.00	In Earth orbit
2064	2078	S64698	2025-142C	Starlink 34535	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	265	278	70.00	In Earth orbit
2065	2079	S64699	2025-142D	Starlink 34600	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	265	278	70.00	In Earth orbit
2066	2080	S64700	2025-142E	Starlink 34560	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	265	278	70.00	In Earth orbit
2067	2081	S64701	2025-142F	Starlink 34576	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2068	2082	S64702	2025-142G	Starlink 34322	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2069	2083	S64703	2025-142H	Starlink 34470	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2070	2084	S64704	2025-142J	Starlink 34405	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2071	2085	S64705	2025-142K	Starlink 34406	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2072	2086	S64706	2025-142L	Starlink 34559	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2073	2087	S64707	2025-142M	Starlink 34316	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2074	2088	S64708	2025-142N	Starlink 34563	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2075	2089	S64709	2025-142P	Starlink 34499	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2076	2090	S64710	2025-142Q	Starlink 34447	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2077	2091	S64711	2025-142R	Starlink 34312	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2078	2092	S64712	2025-142S	Starlink 34515	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2079	2093	S64713	2025-142T	Starlink 34583	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2080	2094	S64714	2025-142U	Starlink 34574	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2081	2095	S64715	2025-142V	Starlink 34533	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2082	2096	S64716	2025-142W	Starlink 34548	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2083	2097	S64717	2025-142X	Starlink 34568	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2084	2098	S64718	2025-142Y	Starlink 34546	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2085	2099	S64719	2025-142Z	Starlink 34577	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2086	2100	S64720	2025-142AA	Starlink 34572	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2087	2101	S64721	2025-142AB	Starlink 34558	2025 Jun 28 1713:00	2025 Jun 28 1814:35	SPXS	US	264	278	70.00	In Earth orbit
2088	2102	S64723	2025-143A	Meteosat 13	2025 Jul 1 2104	2025 Jul 1 2139	EUMET	1-EUM	334	65207	21.22	In Earth orbit
2089	2103	S64724	2025-144A	Starlink 34393	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	270	270	53.16	In Earth orbit
2090	2104	S64725	2025-144B	Starlink 34562	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	270	270	53.16	In Earth orbit
2091	2105	S64726	2025-144C	Starlink 34557	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	270	270	53.16	In Earth orbit

2092	2106	S64727	2025-144D	Starlink 34242	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	269	270	53.16	In Earth orbit
2093	2107	S64728	2025-144E	Starlink 34239	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	269	270	53.16	In Earth orbit
2094	2108	S64729	2025-144F	Starlink 34588	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	269	270	53.16	In Earth orbit
2095	2109	S64730	2025-144G	Starlink 34606	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	269	270	53.16	In Earth orbit
2096	2110	S64731	2025-144H	Starlink 34552	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	269	270	53.16	In Earth orbit
2097	2111	S64732	2025-144I	Starlink 34596	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	268	270	53.16	In Earth orbit
2098	2112	S64733	2025-144K	Starlink 34556	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	268	269	53.16	In Earth orbit
2099	2113	S64734	2025-144L	Starlink 34591	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	268	269	53.16	In Earth orbit
2100	2114	S64735	2025-144M	Starlink 34587	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	268	269	53.16	In Earth orbit
2101	2115	S64736	2025-144N	Starlink 34130	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	268	269	53.16	In Earth orbit
2102	2116	S64737	2025-144P	Starlink 34619	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	268	269	53.16	In Earth orbit
2103	2117	S64738	2025-144Q	Starlink 34597	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	267	269	53.16	In Earth orbit
2104	2118	S64739	2025-144R	Starlink 34471	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	267	268	53.16	In Earth orbit
2105	2119	S64740	2025-144S	Starlink 34208	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	267	268	53.16	In Earth orbit
2106	2120	S64741	2025-144T	Starlink 34205	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	267	268	53.16	In Earth orbit
2107	2121	S64742	2025-144U	Starlink 34607	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	267	268	53.16	In Earth orbit
2108	2122	S64743	2025-144V	Starlink 34236	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	266	268	53.16	In Earth orbit
2109	2123	S64744	2025-144W	Starlink 34185	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	266	268	53.16	In Earth orbit
2110	2124	S64745	2025-144X	Starlink 34581	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	266	268	53.16	In Earth orbit
2111	2125	S64746	2025-144Y	Starlink 34592	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	266	267	53.16	In Earth orbit
2112	2126	S64747	2025-144Z	Starlink 34589	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	266	267	53.16	In Earth orbit
2113	2127	S64748	2025-144AA	Starlink 34536	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	266	267	53.16	In Earth orbit
2114	2128	S64749	2025-144AB	Starlink 34595	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	265	267	53.16	In Earth orbit
2115	2129	S64750	2025-144AC	Starlink 34531	2025 Jul 2 0628:10	2025 Jul 2 0732:27	SPXS	US	266	267	53.16	In Earth orbit
2116	2130	S64751	2025-144A	Shiyun 28B-01	2025 Jul 3 0935	2025 Jul 2 0732:27	ZZJB	CN	792	796	53.16	In Earth orbit
2117	2131	S64751	2025-146A	Progress MS-31	2025 Jul 3 1932:40	2025 Jul 3 1941	RKKE	RU	394	400	51.59	Attached to Soyuz-2-1a No. 048 Blok-1
2118	2132	S64755	2025-147A	Starlink 33965	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	274	53.16	In Earth orbit
2119	2133	S64756	2025-147B	Starlink 34371	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	265	274	53.16	In Earth orbit
2120	2134	S64757	2025-147C	Starlink 34401	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	274	53.16	In Earth orbit
2121	2135	S64758	2025-147D	Starlink 34593	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	274	53.16	In Earth orbit
2122	2136	S64759	2025-147E	Starlink 34598	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	274	53.16	In Earth orbit
2123	2137	S64760	2025-147F	Starlink 34235	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	265	274	53.16	In Earth orbit
2124	2138	S64761	2025-147G	Starlink 34635	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	274	53.16	In Earth orbit
2125	2139	S64762	2025-147H	Starlink 34638	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	274	53.16	In Earth orbit
2126	2140	S64763	2025-147J	Starlink 34534	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	274	53.16	In Earth orbit
2127	2141	S64764	2025-147K	Starlink 34261	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	274	53.16	In Earth orbit
2128	2142	S64765	2025-147L	Starlink 34566	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	274	53.16	In Earth orbit
2129	2143	S64766	2025-147M	Starlink 34645	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	274	53.16	In Earth orbit
2130	2144	S64767	2025-147N	Starlink 34639	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	273	53.16	In Earth orbit
2131	2145	S64768	2025-147P	Starlink 34609	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	273	53.16	In Earth orbit
2132	2146	S64769	2025-147Q	Starlink 34246	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	265	273	53.16	In Earth orbit
2133	2147	S64770	2025-147R	Starlink 34618	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	273	53.16	In Earth orbit
2134	2148	S64771	2025-147S	Starlink 34541	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	273	53.16	In Earth orbit
2135	2149	S64772	2025-147T	Starlink 34652	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	273	53.16	In Earth orbit
2136	2150	S64773	2025-147U	Starlink 34612	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	273	53.16	In Earth orbit
2137	2151	S64774	2025-147V	Starlink 34621	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	273	53.16	In Earth orbit
2138	2152	S64775	2025-147W	Starlink 34657	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	273	53.16	In Earth orbit
2139	2153	S64776	2025-147X	Starlink 34637	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	273	53.16	In Earth orbit
2140	2154	S64777	2025-147Y	Starlink 34547	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	273	53.16	In Earth orbit
2141	2155	S64778	2025-147Z	Starlink 34557	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	273	53.16	In Earth orbit
2142	2156	S64779	2025-147AA	Starlink 34585	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	273	53.16	In Earth orbit
2143	2157	S64780	2025-147AB	Starlink 34491	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	273	53.16	In Earth orbit
2144	2158	S64781	2025-147AC	Starlink 34582	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	273	53.16	In Earth orbit
2145	2159	S64782	2025-147AD	Starlink 34482	2025 Jul 8 0821:00	2025 Jul 8 0925:11	SPXS	US	264	273	53.16	In Earth orbit
2146	2160	S64784	2025-148A	Door 1	2025 Jul 13 0504	2025 Jul 13 0536?7	ISA	IL	30138	62079	1.98	In Earth orbit
2147	2161	S64786	2025-149A	Tianzhou-9	2025 Jul 14 2134:23	2025 Jul 14 2144	CMSEO	CN	202	340	41.47	Attached to CZ-7 Y 10 Stage 2
2148	2162	S64790	2025-150A	Starlink 34629	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	266	280	70.00	In Earth orbit
2149	2163	S64791	2025-150B	Starlink 34697	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	266	280	70.00	In Earth orbit
2150	2164	S64792	2025-150C	Starlink 34632	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	266	280	70.00	In Earth orbit
2151	2165	S64793	2025-150D	Starlink 34693	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	266	280	70.00	In Earth orbit
2152	2166	S64794	2025-150E	Starlink 34666	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	266	280	70.00	In Earth orbit
2153	2167	S64795	2025-150F	Starlink 34567	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	266	279	70.00	In Earth orbit
2154	2168	S64796	2025-150G	Starlink 34646	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	266	279	70.00	In Earth orbit
2155	2169	S64797	2025-150H	Starlink 34641	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	266	279	70.00	In Earth orbit
2156	2170	S64798	2025-150I	Starlink 34649	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	266	279	70.00	In Earth orbit
2157	2171	S64799	2025-150K	Starlink 34662	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	266	279	70.00	In Earth orbit

2158	2172	S64800	2025-150L	Starlink 34660	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	266	279	70.00	In Earth orbit
2159	2173	S64801	2025-150M	Starlink 34660	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	266	279	70.00	In Earth orbit
2160	2174	S64802	2025-150N	Starlink 34658	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	266	279	70.00	In Earth orbit
2161	2175	S64803	2025-150P	Starlink 34620	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	266	279	70.00	In Earth orbit
2162	2176	S64804	2025-150Q	Starlink 34633	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	266	279	70.00	In Earth orbit
2163	2177	S64805	2025-150R	Starlink 34624	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	265	279	70.00	In Earth orbit
2164	2178	S64806	2025-150S	Starlink 34664	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	265	279	70.00	In Earth orbit
2165	2179	S64807	2025-150T	Starlink 34663	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	265	279	70.00	In Earth orbit
2166	2180	S64808	2025-150U	Starlink 34696	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	265	279	70.00	In Earth orbit
2167	2181	S64809	2025-150V	Starlink 34675	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	265	279	70.00	In Earth orbit
2168	2182	S64810	2025-150W	Starlink 34608	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	265	279	70.00	In Earth orbit
2169	2183	S64811	2025-150X	Starlink 34669	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	265	279	70.00	In Earth orbit
2170	2184	S64812	2025-150Y	Starlink 34644	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	265	279	70.00	In Earth orbit
2171	2185	S64813	2025-150Z	Starlink 34685	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	265	279	70.00	In Earth orbit
2172	2186	S64814	2025-150AA	Starlink 34668	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	265	279	70.00	In Earth orbit
2173	2187	S64815	2025-150AB	Starlink 34667	2025 Jul 16 0205:20	2025 Jul 16 0306:47	SPXS	US	265	279	70.00	In Earth orbit
2174	2188	S64816	2025-151A	Kuiper-00069	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	454	463	51.88	In Earth orbit
2175	2189	S64817	2025-151B	Kuiper-00070	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	456	465	51.88	In Earth orbit
2176	2190	S64818	2025-151C	Kuiper-00071	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	455	463	51.88	In Earth orbit
2177	2191	S64819	2025-151D	Kuiper-00072	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	456	464	51.88	In Earth orbit
2178	2192	S64820	2025-151E	Kuiper-00073	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	456	464	51.88	In Earth orbit
2179	2193	S64821	2025-151F	Kuiper-00074	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	456	463	51.88	In Earth orbit
2180	2194	S64822	2025-151G	Kuiper-00075	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	455	463	51.88	In Earth orbit
2181	2195	S64823	2025-151H	Kuiper-00076	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	456	464	51.88	In Earth orbit
2182	2196	S64824	2025-151I	Kuiper-00077	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	456	464	51.88	In Earth orbit
2183	2197	S64825	2025-151K	Kuiper-00078	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	456	464	51.88	In Earth orbit
2184	2198	S64826	2025-151L	Kuiper-00079	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	454	463	51.88	In Earth orbit
2185	2199	S64827	2025-151M	Kuiper-00080	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	455	463	51.88	In Earth orbit
2186	2200	S64828	2025-151N	Kuiper-00082	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	455	463	51.88	In Earth orbit
2187	2201	S64829	2025-151P	Kuiper-00083	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	456	464	51.88	In Earth orbit
2188	2202	S64830	2025-151Q	Kuiper-00084	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	456	465	51.88	In Earth orbit
2189	2203	S64831	2025-151R	Kuiper-00085	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	454	463	51.88	In Earth orbit
2190	2204	S64832	2025-151S	Kuiper-00086	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	456	465	51.88	In Earth orbit
2191	2205	S64833	2025-151T	Kuiper-00087	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	455	463	51.88	In Earth orbit
2192	2206	S64834	2025-151U	Kuiper-00089	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	456	464	51.88	In Earth orbit
2193	2207	S64835	2025-151V	Kuiper-00090	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	456	465	51.88	In Earth orbit
2194	2208	S64836	2025-151W	Kuiper-00091	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	454	463	51.88	In Earth orbit
2195	2209	S64837	2025-151X	Kuiper-00092	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	455	463	51.88	In Earth orbit
2196	2210	S64838	2025-151Y	Kuiper-00093	2025 Jul 16 0630	2025 Jul 16 0726:67	KUIP	US	456	464	51.88	In Earth orbit
2197	2211	S64839	2025-151Z	Kuiper-00094	2025 Jul 16 0630	2025 Jul 16 0733:7	KUIP	US	455	463	51.88	In Earth orbit
2198	2212	S64842	2025-152A	Starlink 34723	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	281	97.60	In Earth orbit
2199	2213	S64843	2025-152B	Starlink 34725	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	281	97.60	In Earth orbit
2200	2214	S64844	2025-152C	Starlink 34709	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	281	97.60	In Earth orbit
2201	2215	S64845	2025-152D	Starlink 34706	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	281	97.60	In Earth orbit
2202	2216	S64846	2025-152E	Starlink 34736	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	281	97.60	In Earth orbit
2203	2217	S64847	2025-152F	Starlink 34746	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	281	97.60	In Earth orbit
2204	2218	S64848	2025-152G	Starlink 34748	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	281	97.60	In Earth orbit
2205	2219	S64849	2025-152H	Starlink 34756	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	280	97.60	In Earth orbit
2206	2220	S64850	2025-152I	Starlink 34757	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	280	97.60	In Earth orbit
2207	2221	S64851	2025-152K	Starlink 34722	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	280	97.60	In Earth orbit
2208	2222	S64852	2025-152L	Starlink 34564	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	280	97.60	In Earth orbit
2209	2223	S64853	2025-152M	Starlink 34676	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	280	97.60	In Earth orbit
2210	2224	S64854	2025-152N	Starlink 34682	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	280	97.60	In Earth orbit
2211	2225	S64855	2025-152P	Starlink 34631	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	280	97.60	In Earth orbit
2212	2226	S64856	2025-152Q	Starlink 34578	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	280	97.60	In Earth orbit
2213	2227	S64857	2025-152R	Starlink 34683	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	280	97.60	In Earth orbit
2214	2228	S64858	2025-152S	Starlink 34654	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	280	97.60	In Earth orbit
2215	2229	S64859	2025-152T	Starlink 34575	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	280	97.60	In Earth orbit
2216	2230	S64860	2025-152U	Starlink 34570	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	280	97.60	In Earth orbit
2217	2231	S64861	2025-152V	Starlink 34651	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	280	97.60	In Earth orbit
2218	2232	S64862	2025-152W	Starlink 34684	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	280	97.60	In Earth orbit
2219	2233	S64863	2025-152X	Starlink 34690	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	280	97.60	In Earth orbit
2220	2234	S64864	2025-152Y	Starlink 34628	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	280	97.60	In Earth orbit
2221	2235	S64865	2025-152Z	Starlink 34544	2025 Jul 19 0352	2025 Jul 19 0454	SPXS	US	267	280	97.60	In Earth orbit
2222	2236	S64866	2025-153A	O3b mPOWER F9	2025 Jul 22 2112	2025 Jul 22 2305	O3BS	UK	4860	7380	5.09	In Earth orbit
2223	2237	S64867	2025-153B	O3b mPOWER F10	2025 Jul 22 2112	2025 Jul 22 2312	O3BS	UK	2718	7033	9.34	In Earth orbit

2224	2228	864869	2025-154A	LIDE	2025 Jul 23 18:13	2025 Jul 23 1958	TYV/PICO	I	511	515	97.44	In Earth orbit
2225	2239	864870	2025-154B	TRACERS 1	2025 Jul 23 18:13	2025 Jul 23 1947	NASA/UA	US	590	596	97.72	In Earth orbit
2226	2240	864871	2025-154C	EPIC Athena	2025 Jul 23 18:13	2025 Jul 23 1957	LARCN/STP	US	588	594	97.71	In Earth orbit
2227	2241	864872	2025-154D	Skykraft 4A	2025 Jul 23 18:13	2025 Jul 23 2100?	SKYKR	AU	512	512	97.45	In Earth orbit
2228	2242	864873	2025-154E	TRACERS 2	2025 Jul 23 18:13	2025 Jul 23 1953	NASA/UA	US	588	593	97.71	In Earth orbit
2229	2243	864874	2025-154F	Bard	2025 Jul 23 18:13	2025 Jul 23 1907	APL/NASA	US	588	593	97.71	In Earth orbit
2230	2244	864875	2025-154G	REAL	2025 Jul 23 18:13	2025 Jul 23 1907	DART	US	587	594	97.72	In Earth orbit
2231	2245	864876	2025-154H	Skykraft 4C	2025 Jul 23 18:13	2025 Jul 30?	SKYKR	AU	585	595	97.71	In Earth orbit
2232	2246	864877	2025-154I	Skykraft 4A	2025 Jul 23 18:13	2025 Jul 30?	SKYKR	AU	585	595	97.71	In Earth orbit
2233	2247	864878	2025-154K	Skykraft 4D	2025 Jul 23 18:13	2025 Jul 30?	SKYKR	AU	585	594	97.71	In Earth orbit
2234	2248	864879	2025-154L	Skykraft 4E	2025 Jul 23 18:13	2025 Jul 30?	SKYKR	AU	585	594	97.71	In Earth orbit
2235	2249	864880	2025-155A	Ionosfera-M No. 3	2025 Jul 25 05:54:04	2025 Jul 25 06:56:39	VNIEMI	RU	819	823	98.55	In Earth orbit
2236	2250	864881	2025-155B	Ionosfera-M No. 4	2025 Jul 25 05:54:04	2025 Jul 25 06:56:39	VNIEMI	RU	819	823	98.55	In Earth orbit
2237	2251	864882	2025-155C	Innosat16	2025 Jul 25 05:54:04	2025 Jul 25	GEOSK	RU	494	505	97.41	In Earth orbit
2238	2252	864883	2025-155D	Geoskan-6	2025 Jul 25 05:54:04	2025 Jul 25	GEOSK	RU	494	505	97.41	In Earth orbit
2239	2253	864884	2025-155E	Geoskan-1	2025 Jul 25 05:54:04	2025 Jul 25	GEOSK	RU	494	505	97.41	In Earth orbit
2240	2254	864885	2025-155F	239Afterov	2025 Jul 25 05:54:04	2025 Jul 25	GEOSK	RU	493	504	97.41	In Earth orbit
2241	2255	864886	2025-155G	FSKL5695-13	2025 Jul 25 05:54:04	2025 Jul 25	RATEKS	RU	493	504	97.41	In Earth orbit
2242	2256	864887	2025-155H	CSTP-4.2	2025 Jul 25 05:54:04	2025 Jul 25 08:35:04	STTS	RU	494	502	97.41	In Earth orbit
2243	2257	864888	2025-155I	CSTP-4.1	2025 Jul 25 05:54:04	2025 Jul 25 08:34:34	STTS	RU	494	503	97.41	In Earth orbit
2244	2258	864889	2025-155J	FSKL5695-14	2025 Jul 25 05:54:04	2025 Jul 25	RATEKS	RU	494	503	97.41	In Earth orbit
2245	2259	864890	2025-155K	Nahid 2	2025 Jul 25 05:54:04	2025 Jul 25	IRSA/IUST	IR	495	509	97.41	In Earth orbit
2246	2260	864891	2025-155L	CSTP-4.3	2025 Jul 25 05:54:04	2025 Jul 25 08:35:34	STTS	RU	494	502	97.41	In Earth orbit
2247	2261	864892	2025-155M	FSKL5695-11	2025 Jul 25 05:54:04	2025 Jul 25	RATEKS	RU	493	504	97.41	In Earth orbit
2248	2262	864893	2025-155N	FSKL5695-12	2025 Jul 25 05:54:04	2025 Jul 25	RATEKS	RU	494	504	97.41	In Earth orbit
2249	2263	864894	2025-155P	Geoskan-2	2025 Jul 25 05:54:04	2025 Jul 25	GEOSK	RU	494	504	97.41	In Earth orbit
2250	2264	864895	2025-155Q	Geoskan-5	2025 Jul 25 05:54:04	2025 Jul 25	GEOSK	RU	494	504	97.41	In Earth orbit
2251	2265	864896	2025-155R	Geoskan-4	2025 Jul 25 05:54:04	2025 Jul 25	GEOSK	RU	494	504	97.41	In Earth orbit
2252	2266	864897	2025-155S	Geoskan-3	2025 Jul 25 05:54:04	2025 Jul 25	GEOSK	RU	494	504	97.41	In Earth orbit
2253	2267	864898	2025-155T	Innosat3	2025 Jul 25 05:54:04	2025 Jul 25	GEOSK	RU	494	505	97.41	In Earth orbit
2254	2268	864899	2025-155U	CSTP-4.4	2025 Jul 25 05:54:04	2025 Jul 25 08:36:04	STTS	RU	494	504	97.41	In Earth orbit
2255	2269	864900	2025-155V	MicroCarb	2025 Jul 26 02:03:48	2025 Jul 26 03:44:51	CNES	F	642	665	98.02	In Earth orbit
2256	2270	864901	2025-156A	CO3D F3	2025 Jul 26 02:03:48	2025 Jul 26 02:58:11	CNES	F	496	499	97.45	In Earth orbit
2257	2271	864902	2025-156B	CO3D F2	2025 Jul 26 02:03:48	2025 Jul 26 02:58:11	CNES	F	499	500	97.45	In Earth orbit
2258	2272	864903	2025-156C	CO3D F1	2025 Jul 26 02:03:48	2025 Jul 26 02:58:11	CNES	F	500	502	97.45	In Earth orbit
2259	2273	864904	2025-156E	Starlink 34647	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2260	2274	864905	2025-157A	Starlink 34273	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2261	2275	864906	2025-157B	Starlink 34713	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2262	2276	864907	2025-157C	Starlink 34712	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2263	2277	864908	2025-157D	Starlink 34711	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2264	2278	864909	2025-157E	Starlink 34702	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2265	2279	864910	2025-157F	Starlink 34687	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2266	2280	864911	2025-157G	Starlink 34642	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2267	2281	864912	2025-157H	Starlink 34718	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2268	2282	864913	2025-157I	Starlink 34717	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2269	2283	864914	2025-157K	Starlink 34659	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2270	2284	864915	2025-157L	Starlink 34571	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2271	2285	864916	2025-157M	Starlink 34636	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2272	2286	864917	2025-157N	Starlink 34695	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2273	2287	864918	2025-157P	Starlink 34653	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2274	2288	864919	2025-157Q	Starlink 34611	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2275	2289	864920	2025-157R	Starlink 34599	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2276	2290	864921	2025-157S	Starlink 34609	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2277	2291	864922	2025-157T	Starlink 34699	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2278	2292	864923	2025-157U	Starlink 34700	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2279	2293	864924	2025-157V	Starlink 34643	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2280	2294	864925	2025-157W	Starlink 34199	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2281	2295	864926	2025-157X	Starlink 34579	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2282	2296	864927	2025-157Y	Starlink 34543	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2283	2297	864928	2025-157Z	Starlink 34661	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	261	271	97.45	In Earth orbit
2284	2298	864929	2025-157AA	Starlink 34248	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2285	2299	864930	2025-157AB	Starlink 34290	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2286	2300	864931	2025-157AC	Starlink 34220	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2287	2301	864932	2025-157AD	Starlink 34715	2025 Jul 26 09:01:40	2025 Jul 26 10:05:39	SPXS	US	263	273	97.45	In Earth orbit
2288	2302	864933	2025-157AE	Starlink 34705	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2289	2303	864934	2025-157B	Starlink 34737	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit

2290	864934	2025-158C	Starlink 34775	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2291	864935	2025-158D	Starlink 34726	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2292	864936	2025-158E	Starlink 34529	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2293	864937	2025-158F	Starlink 34743	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2294	864938	2025-158G	Starlink 34730	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2295	864939	2025-158H	Starlink 34714	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2296	864940	2025-158J	Starlink 34755	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2297	864941	2025-158K	Starlink 34740	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2298	864942	2025-158L	Starlink 34742	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2299	864943	2025-158M	Starlink 34719	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2300	864944	2025-158N	Starlink 34773	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2301	864945	2025-158P	Starlink 34758	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2302	864946	2025-158Q	Starlink 34753	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2303	864947	2025-158R	Starlink 34747	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2304	864948	2025-158S	Starlink 34630	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2305	864949	2025-158T	Starlink 34689	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2306	864950	2025-158U	Starlink 34586	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2307	864951	2025-158V	Starlink 34738	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2308	864952	2025-158W	Starlink 34744	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2309	864953	2025-158X	Starlink 34701	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2310	864954	2025-158Y	Starlink 34761	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2311	864955	2025-158Z	Starlink 34732	2025 Jul 27 04:30:50	2025 Jul 27 05:33:50	SPXS	US	267	280	97.60	In Earth orbit
2312	864956	2025-159A	WHDW 05-01	2025 Jul 27 00:3	2025 Jul 27 05:57	ZXW	CN	997	1009	86.49	In Earth orbit
2313	864957	2025-159B	WHDW 05-02	2025 Jul 27 00:3	2025 Jul 27 05:57	ZXW	CN	996	1008	86.50	In Earth orbit
2314	864958	2025-159C	WHDW 05-03	2025 Jul 27 00:3	2025 Jul 27 05:57	ZXW	CN	996	1007	86.49	In Earth orbit
2315	864959	2025-159D	WHDW 05-04	2025 Jul 27 00:3	2025 Jul 27 05:57	ZXW	CN	996	1006	86.50	In Earth orbit
2316	864960	2025-159E	WHDW 05-05	2025 Jul 27 00:3	2025 Jul 27 05:57	ZXW	CN	996	1006	86.50	In Earth orbit
2317	864962	2025-160A	Enshi Xidou Shanquan	2025 Jul 29 04:11	2025 Jul 29 04:257	HANGSH	CN	495	510	97.40	In Earth orbit
2318	865015	2025-161A	Starlink 34617	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	274	53.16	In Earth orbit
2319	865016	2025-161B	Starlink 34627	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	274	53.16	In Earth orbit
2320	865017	2025-161C	Starlink 34549	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	274	53.16	In Earth orbit
2321	865018	2025-161D	Starlink 34623	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	274	53.16	In Earth orbit
2322	865019	2025-161E	Starlink 34232	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	274	53.16	In Earth orbit
2323	865020	2025-161F	Starlink 34772	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	274	53.16	In Earth orbit
2324	865021	2025-161G	Starlink 34778	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	274	53.16	In Earth orbit
2325	865022	2025-161H	Starlink 34789	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	274	53.16	In Earth orbit
2326	865023	2025-161I	Starlink 34858	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	274	53.16	In Earth orbit
2327	865024	2025-161K	Starlink 34773	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	274	53.16	In Earth orbit
2328	865025	2025-161L	Starlink 34727	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	274	53.16	In Earth orbit
2329	865026	2025-161M	Starlink 34804	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	273	53.16	In Earth orbit
2330	865027	2025-161N	Starlink 34655	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	273	53.16	In Earth orbit
2331	865028	2025-161P	Starlink 34807	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	273	53.16	In Earth orbit
2332	865029	2025-161Q	Starlink 34731	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	273	53.16	In Earth orbit
2333	865030	2025-161R	Starlink 34614	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	273	53.16	In Earth orbit
2334	865031	2025-161S	Starlink 34677	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	273	53.16	In Earth orbit
2335	865032	2025-161T	Starlink 34656	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	273	53.16	In Earth orbit
2336	865033	2025-161U	Starlink 34671	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	273	53.16	In Earth orbit
2337	865034	2025-161V	Starlink 34610	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	273	53.16	In Earth orbit
2338	865035	2025-161W	Starlink 34286	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	273	53.16	In Earth orbit
2339	865036	2025-161X	Starlink 34770	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	273	53.16	In Earth orbit
2340	865037	2025-161Y	Starlink 34776	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	273	53.16	In Earth orbit
2341	865038	2025-161Z	Starlink 34827	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	273	53.16	In Earth orbit
2342	865039	2025-161AA	Starlink 34721	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	273	53.16	In Earth orbit
2343	865040	2025-161AB	Starlink 34819	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	273	53.16	In Earth orbit
2344	865041	2025-161AC	Starlink 34820	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	273	53.16	In Earth orbit
2345	865042	2025-161AD	Starlink 34824	2025 Jul 30 03:37:50	2025 Jul 30 04:41:49	SPXS	US	266	273	53.16	In Earth orbit
2346	865043	2025-162A	WHDW 06-01	2025 Jul 30 07:49	2025 Jul 30 08:107	ZXW	CN	867	877	50.00	In Earth orbit
2347	865044	2025-162B	WHDW 06-02	2025 Jul 30 07:49	2025 Jul 30 08:107	ZXW	CN	866	879	50.00	In Earth orbit
2348	865045	2025-162C	WHDW 06-03	2025 Jul 30 07:49	2025 Jul 30 08:107	ZXW	CN	863	877	50.02	In Earth orbit
2349	865046	2025-162D	WHDW 06-04	2025 Jul 30 07:49	2025 Jul 30 08:107	ZXW	CN	868	875	50.00	In Earth orbit
2350	865047	2025-162E	WHDW 06-05	2025 Jul 30 07:49	2025 Jul 30 08:107	ZXW	CN	866	876	50.01	In Earth orbit
2351	865048	2025-162F	WHDW 06-06	2025 Jul 30 07:49	2025 Jul 30 08:107	ZXW	CN	867	876	50.01	In Earth orbit
2352	865049	2025-162G	WHDW 06-07	2025 Jul 30 07:49	2025 Jul 30 08:107	ZXW	CN	865	877	50.00	In Earth orbit
2353	865050	2025-162H	WHDW 06-08	2025 Jul 30 07:49	2025 Jul 30 08:107	ZXW	CN	868	876	50.00	In Earth orbit
2354	865051	2025-162J	WHDW 06-09	2025 Jul 30 07:49	2025 Jul 30 08:107	ZXW	CN	866	877	49.99	In Earth orbit
2355	865053	2025-163A	NISAR	2025 Jul 30 12:10:25	2025 Jul 30 12:28	ISRO/JPL	IN	734	749	98.43	In Earth orbit

2422	2436	S65124	2025-170F	Geely Xingzao 04 zu 06 xing	2025 Aug 8 1631	GEESP	CN	585	602	49.98	In Earth orbit
2423	2437	S65125	2025-170G	Geely Xingzao 04 zu 07 xing	2025 Aug 8 1645?	GEESP	CN	583	603	49.99	In Earth orbit
2424	2438	S65126	2025-170H	Geely Xingzao 04 zu 08 xing	2025 Aug 8 1631	GEESP	CN	583	603	49.98	In Earth orbit
2425	2439	S65127	2025-170I	Geely Xingzao 04 zu 09 xing	2025 Aug 8 1631	GEESP	CN	583	602	49.99	In Earth orbit
2426	2440	S65128	2025-170K	Geely Xingzao 04 zu 10 xing	2025 Aug 8 1631	GEESP	CN	583	603	49.98	In Earth orbit
2427	2441	S65129	2025-170L	Geely Xingzao 04 zu 11 xing	2025 Aug 8 1631	GEESP	CN	583	602	49.99	In Earth orbit
2428	2442	S65132	2025-171A	Kuiper-00081	2025 Aug 11 1235	KUIP	US	454	463	51.88	In Earth orbit
2429	2443	S65133	2025-171B	Kuiper-00088	2025 Aug 11 1235	KUIP	US	454	463	51.88	In Earth orbit
2430	2444	S65134	2025-171C	Kuiper-00095	2025 Aug 11 1235	KUIP	US	456	465	51.88	In Earth orbit
2431	2445	S65135	2025-171D	Kuiper-00096	2025 Aug 11 1235	KUIP	US	455	464	51.88	In Earth orbit
2432	2446	S65136	2025-171E	Kuiper-00097	2025 Aug 11 1235	KUIP	US	456	465	51.88	In Earth orbit
2433	2447	S65137	2025-171F	Kuiper-00098	2025 Aug 11 1235	KUIP	US	454	463	51.88	In Earth orbit
2434	2448	S65138	2025-171G	Kuiper-00099	2025 Aug 11 1235	KUIP	US	455	463	51.88	In Earth orbit
2435	2449	S65139	2025-171H	Kuiper-00100	2025 Aug 11 1235	KUIP	US	455	464	51.88	In Earth orbit
2436	2450	S65140	2025-171J	Kuiper-00102	2025 Aug 11 1235	KUIP	US	456	464	51.88	In Earth orbit
2437	2451	S65141	2025-171K	Kuiper-00103	2025 Aug 11 1235	KUIP	US	456	464	51.88	In Earth orbit
2438	2452	S65142	2025-171L	Kuiper-00104	2025 Aug 11 1235	KUIP	US	455	464	51.88	In Earth orbit
2439	2453	S65143	2025-171M	Kuiper-00105	2025 Aug 11 1235	KUIP	US	453	463	51.88	In Earth orbit
2440	2454	S65144	2025-171N	Kuiper-00106	2025 Aug 11 1235	KUIP	US	455	464	51.88	In Earth orbit
2441	2455	S65145	2025-171P	Kuiper-00107	2025 Aug 11 1235	KUIP	US	455	464	51.88	In Earth orbit
2442	2456	S65146	2025-171Q	Kuiper-00108	2025 Aug 11 1235	KUIP	US	456	464	51.88	In Earth orbit
2443	2457	S65147	2025-171R	Kuiper-00109	2025 Aug 11 1235	KUIP	US	454	463	51.88	In Earth orbit
2444	2458	S65148	2025-171S	Kuiper-00110	2025 Aug 11 1235	KUIP	US	455	464	51.88	In Earth orbit
2445	2459	S65149	2025-171T	Kuiper-00111	2025 Aug 11 1235	KUIP	US	456	464	51.88	In Earth orbit
2446	2460	S65150	2025-171U	Kuiper-00112	2025 Aug 11 1235	KUIP	US	456	465	51.88	In Earth orbit
2447	2461	S65151	2025-171V	Kuiper-00114	2025 Aug 11 1235	KUIP	US	456	465	51.88	In Earth orbit
2448	2462	S65152	2025-171W	Kuiper-00115	2025 Aug 11 1235	KUIP	US	455	463	51.88	In Earth orbit
2449	2463	S65153	2025-171X	Kuiper-00116	2025 Aug 11 1235	KUIP	US	456	464	51.88	In Earth orbit
2450	2464	S65154	2025-171Y	Kuiper-00118	2025 Aug 11 1235	KUIP	US	454	465	51.88	In Earth orbit
2451	2465	S65155	2025-171Z	Kuiper-00119	2025 Aug 11 1235	KUIP	US	456	463	51.88	In Earth orbit
2452	2466	S65159	2025-172A	MEI TOP-SG A1	2025 Aug 13 0037:50	EUMET	LEUM	802	806	98.71	In Earth orbit
2453	2467	S65160	2025-173A	NTS 3	2025 Aug 13 0056	USSF	US	35637	35650	2.81	In Earth orbit
2454	2468	S65161	2025-173B	USA 554	2025 Aug 13 0056	USSF	US	36116	36191	2.85	In Earth orbit
2455	2469	S67480	2025-173E	USA 571	2026 Jan?	USSF	US	0	0	0.00	In Earth orbit
2456	2470	S65164	2025-174A	WHDW 08-01	2025 Aug 13 0643	ZXW	CN	1070	1112	86.50	In Earth orbit
2457	2471	S65165	2025-174B	WHDW 08-02	2025 Aug 13 0643	ZXW	CN	1087	1114	86.50	In Earth orbit
2458	2472	S65166	2025-174C	WHDW 08-03	2025 Aug 13 0643	ZXW	CN	1065	1111	86.49	In Earth orbit
2459	2473	S65167	2025-174D	WHDW 08-04	2025 Aug 13 0643	ZXW	CN	1070	1112	86.50	In Earth orbit
2460	2474	S65168	2025-174E	WHDW 08-05	2025 Aug 13 0643	ZXW	CN	1085	1112	86.50	In Earth orbit
2461	2475	S65169	2025-174F	WHDW 08-06	2025 Aug 13 0643	ZXW	CN	1073	1110	86.50	In Earth orbit
2462	2476	S65170	2025-174G	WHDW 08-07	2025 Aug 13 0643	ZXW	CN	1103	1110	86.50	In Earth orbit
2463	2477	S65171	2025-174H	WHDW 08-08	2025 Aug 13 0643	ZXW	CN	1077	1110	86.50	In Earth orbit
2464	2478	S65172	2025-174J	WHDW 08-09	2025 Aug 13 0643	ZXW	CN	1087	1111	86.50	In Earth orbit
2465	2479	S65173	2025-174K	WHDW 08-10	2025 Aug 13 0643	ZXW	CN	1096	1114	86.50	In Earth orbit
2466	2480	S65174	2025-175A	Starlink 34956	2025 Aug 14 0505:37	SPXS	US	266	279	97.60	In Earth orbit
2467	2481	S65175	2025-175B	Starlink 34949	2025 Aug 14 0505:37	SPXS	US	266	279	97.60	In Earth orbit
2468	2482	S65176	2025-175C	Starlink 34707	2025 Aug 14 0505:37	SPXS	US	266	279	97.60	In Earth orbit
2469	2483	S65177	2025-175D	Starlink 34967	2025 Aug 14 0505:37	SPXS	US	266	279	97.60	In Earth orbit
2470	2484	S65178	2025-175E	Starlink 34929	2025 Aug 14 0505:37	SPXS	US	266	279	97.60	In Earth orbit
2471	2485	S65179	2025-175F	Starlink 34932	2025 Aug 14 0505:37	SPXS	US	266	279	97.60	In Earth orbit
2472	2486	S65180	2025-175G	Starlink 34862	2025 Aug 14 0505:37	SPXS	US	266	279	97.60	In Earth orbit
2473	2487	S65181	2025-175H	Starlink 34942	2025 Aug 14 0505:37	SPXS	US	266	279	97.60	In Earth orbit
2474	2488	S65182	2025-175J	Starlink 34944	2025 Aug 14 0505:37	SPXS	US	266	279	97.60	In Earth orbit
2475	2489	S65183	2025-175K	Starlink 34939	2025 Aug 14 0505:37	SPXS	US	266	279	97.60	In Earth orbit
2476	2490	S65184	2025-175L	Starlink 34947	2025 Aug 14 0505:37	SPXS	US	266	279	97.60	In Earth orbit
2477	2491	S65185	2025-175M	Starlink 34945	2025 Aug 14 0505:37	SPXS	US	266	279	97.60	In Earth orbit
2478	2492	S65186	2025-175N	Starlink 34965	2025 Aug 14 0505:37	SPXS	US	265	279	97.60	In Earth orbit
2479	2493	S65187	2025-175P	Starlink 34915	2025 Aug 14 0505:37	SPXS	US	265	279	97.60	In Earth orbit
2480	2494	S65188	2025-175Q	Starlink 34972	2025 Aug 14 0505:37	SPXS	US	265	279	97.60	In Earth orbit
2481	2495	S65189	2025-175R	Starlink 34866	2025 Aug 14 0505:37	SPXS	US	265	279	97.60	In Earth orbit
2482	2496	S65190	2025-175S	Starlink 34917	2025 Aug 14 0505:37	SPXS	US	265	279	97.60	In Earth orbit
2483	2497	S65191	2025-175T	Starlink 34948	2025 Aug 14 0505:37	SPXS	US	265	278	97.60	In Earth orbit
2484	2498	S65192	2025-175U	Starlink 34955	2025 Aug 14 0505:37	SPXS	US	265	278	97.60	In Earth orbit
2485	2499	S65193	2025-175V	Starlink 34950	2025 Aug 14 0505:37	SPXS	US	265	278	97.60	In Earth orbit
2486	2500	S65194	2025-175W	Starlink 34926	2025 Aug 14 0505:37	SPXS	US	265	278	97.60	In Earth orbit
2487	2501	S65195	2025-175X	Starlink 34928	2025 Aug 14 0505:37	SPXS	US	265	278	97.60	In Earth orbit

2488	2502	865196	2025-175Y	Starlink 34927	2025 Aug 14 0505:37	2025 Aug 14 0608:07	SPXS	US	265	278	97.60	In Earth orbit
2489	2503	865197	2025-175Z	Starlink 34952	2025 Aug 14 0505:37	2025 Aug 14 0608:07	SPXS	US	265	278	97.60	In Earth orbit
2490	2504	865198	2025-176A	Starlink 34981	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	263	276	53.16	In Earth orbit
2491	2505	865199	2025-176B	Starlink 34982	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	276	53.16	In Earth orbit
2492	2506	865200	2025-176C	Starlink 34865	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	276	53.16	In Earth orbit
2493	2507	865201	2025-176D	Starlink 34843	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	276	53.16	In Earth orbit
2494	2508	865202	2025-176E	Starlink 34905	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	276	53.16	In Earth orbit
2495	2509	865203	2025-176F	Starlink 34914	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	276	53.16	In Earth orbit
2496	2510	865204	2025-176G	Starlink 34787	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	276	53.16	In Earth orbit
2497	2511	865205	2025-176H	Starlink 34796	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	276	53.16	In Earth orbit
2498	2512	865206	2025-176I	Starlink 34763	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	276	53.16	In Earth orbit
2499	2513	865207	2025-176K	Starlink 34901	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	276	53.16	In Earth orbit
2500	2514	865208	2025-176L	Starlink 34841	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	276	53.16	In Earth orbit
2501	2515	865209	2025-176M	Starlink 34976	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	276	53.16	In Earth orbit
2502	2516	865210	2025-176N	Starlink 34941	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	275	53.16	In Earth orbit
2503	2517	865211	2025-176P	Starlink 34847	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	275	53.16	In Earth orbit
2504	2518	865212	2025-176Q	Starlink 34897	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	275	53.16	In Earth orbit
2505	2519	865213	2025-176R	Starlink 34907	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	275	53.16	In Earth orbit
2506	2520	865214	2025-176S	Starlink 34511	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	275	53.16	In Earth orbit
2507	2521	865215	2025-176T	Starlink 33913	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	275	53.16	In Earth orbit
2508	2522	865216	2025-176U	Starlink 34302	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	275	53.16	In Earth orbit
2509	2523	865217	2025-176V	Starlink 34871	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	275	53.16	In Earth orbit
2510	2524	865218	2025-176W	Starlink 34833	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	275	53.16	In Earth orbit
2511	2525	865219	2025-176X	Starlink 34960	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	275	53.16	In Earth orbit
2512	2526	865220	2025-176Y	Starlink 34603	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	275	53.16	In Earth orbit
2513	2527	865221	2025-176Z	Starlink 34974	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	275	53.16	In Earth orbit
2514	2528	865222	2025-176AA	Starlink 34996	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	275	53.16	In Earth orbit
2515	2529	865223	2025-176AB	Starlink 34999	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	275	53.16	In Earth orbit
2516	2530	865224	2025-176AC	Starlink 34975	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	275	53.16	In Earth orbit
2517	2531	865225	2025-176AD	Starlink 34257	2025 Aug 14 1229:30	2025 Aug 14 1333:37	SPXS	US	264	275	53.16	In Earth orbit
2518	2532	865226	2025-177A	Shiyan 28B-02	2025 Aug 17 0855	2025 Aug 17 0925?	ZJB	CN	791	796	11.00	In Earth orbit
2519	2533	865228	2025-178A	WHDW 09-01	2025 Aug 17 1415	2025 Aug 17 1507?	ZXW	CN	996	1009	86.50	In Earth orbit
2520	2534	865229	2025-178B	WHDW 09-02	2025 Aug 17 1415	2025 Aug 17 1507?	ZXW	CN	996	1008	86.50	In Earth orbit
2521	2535	865230	2025-178C	WHDW 09-03	2025 Aug 17 1415	2025 Aug 17 1507?	ZXW	CN	996	1007	86.49	In Earth orbit
2522	2536	865231	2025-178D	WHDW 09-04	2025 Aug 17 1415	2025 Aug 17 1507?	ZXW	CN	996	1007	86.50	In Earth orbit
2523	2537	865232	2025-178E	WHDW 09-05	2025 Aug 17 1415	2025 Aug 17 1507?	ZXW	CN	996	1006	86.50	In Earth orbit
2524	2538	865235	2025-179A	Starlink 34842	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	267	281	97.60	In Earth orbit
2525	2539	865236	2025-179B	Starlink 34938	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	267	281	97.60	In Earth orbit
2526	2540	865237	2025-179C	Starlink 34958	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	267	281	97.60	In Earth orbit
2527	2541	865238	2025-179D	Starlink 34818	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	267	281	97.60	In Earth orbit
2528	2542	865239	2025-179E	Starlink 34964	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	267	280	97.60	In Earth orbit
2529	2543	865240	2025-179F	Starlink 34953	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	267	280	97.60	In Earth orbit
2530	2544	865241	2025-179G	Starlink 34969	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	266	280	97.60	In Earth orbit
2531	2545	865242	2025-179H	Starlink 34963	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	266	280	97.60	In Earth orbit
2532	2546	865243	2025-179J	Starlink 34982	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	266	280	97.60	In Earth orbit
2533	2547	865244	2025-179K	Starlink 34990	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	266	280	97.60	In Earth orbit
2534	2548	865245	2025-179L	Starlink 34977	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	266	280	97.60	In Earth orbit
2535	2549	865246	2025-179M	Starlink 34959	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	266	280	97.60	In Earth orbit
2536	2550	865247	2025-179N	Starlink 34923	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	266	280	97.60	In Earth orbit
2537	2551	865248	2025-179P	Starlink 34962	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	266	280	97.60	In Earth orbit
2538	2552	865249	2025-179Q	Starlink 34925	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	266	280	97.60	In Earth orbit
2539	2553	865250	2025-179R	Starlink 34973	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	266	280	97.60	In Earth orbit
2540	2554	865251	2025-179S	Starlink 34989	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	266	280	97.60	In Earth orbit
2541	2555	865252	2025-179T	Starlink 34961	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	266	280	97.60	In Earth orbit
2542	2556	865253	2025-179U	Starlink 34933	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	266	280	97.60	In Earth orbit
2543	2557	865254	2025-179V	Starlink 34979	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	266	280	97.60	In Earth orbit
2544	2558	865255	2025-179W	Starlink 34987	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	266	280	97.60	In Earth orbit
2545	2559	865256	2025-179X	Starlink 34971	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	266	280	97.60	In Earth orbit
2546	2560	865257	2025-179Y	Starlink 34966	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	266	280	97.60	In Earth orbit
2547	2561	865258	2025-179Z	Starlink 34980	2025 Aug 18 1626:49	2025 Aug 18 1729:22	SPXS	US	266	280	97.60	In Earth orbit
2548	2562	865259	2025-180A	AIRSAT-05	2025 Aug 19 0733:07	2025 Aug 19 0755?	ZHWK	CN	520	540	97.49	In Earth orbit
2549	2563	865260	2025-180B	DGS 2-01	2025 Aug 19 0733:07	2025 Aug 19 0755?	JKY	CN	520	540	97.49	In Earth orbit
2550	2564	865261	2025-180C	DGS 2-02	2025 Aug 19 0733:07	2025 Aug 19 0755?	JKY	CN	520	540	97.49	In Earth orbit
2551	2565	865262	2025-180D	DGS 2-03	2025 Aug 19 0733:07	2025 Aug 19 0755?	JKY/NUDTC	CN	521	540	97.49	In Earth orbit
2552	2566	865263	2025-180E	Tianyan-26	2025 Aug 19 0733:07	2025 Aug 19 0755?	NAV/BD/TLCJ	CN	521	540	97.49	In Earth orbit
2553	2567	A11621	2025-180G	ThumbSat-1	2025 Aug 19 0733:07	2025 Aug 19 0755?	THUMB/HAIWS	MX	521	540	97.49	In Earth orbit

2554	A11622	2025-180H	?	ThumbSat-2	2025 Aug 19 0733:07	2025 Aug 19 0755?	THUMB/HAIWS	MX	521	540	97.40	In Earth orbit
2555	S65265	2025-181A		Bion-M No. 2	2025 Aug 20 1713:30	2025 Aug 20 1722:33	FKA	RU	191	347	96.93	Landed
2556	S65267	2025-182A		Kosmos-2591	2025 Aug 21 0932	2025 Aug 21 0753?	MORF	RU	287	957	97.09	In Earth orbit
2557	S65268	2025-182B		Kosmos-2592	2025 Aug 21 0932	2025 Aug 21 0753?	MORF	RU	321	338	96.59	In Earth orbit
2558	S65269	2025-182C		Kosmos-2593	2025 Aug 21 0932	2025 Aug 21 0753?	MORF	RU	321	337	96.59	In Earth orbit
2559	S65270	2025-182D		Kosmos-2594	2025 Aug 21 0932	2025 Aug 21 0753?	MORF	RU	321	337	96.59	In Earth orbit
2560	S65271	2025-183A		X-37B OTV-8	2025 Aug 22 0350	2025 Aug 22 0400?	AFRCO	US	327	334	49.52	In Earth orbit
2561	S65272	2025-183B		LIMASAT	2025 Aug 22 0350	2025 Aug 22 0500?	AFRL?	US	334	339	49.40	In Earth orbit
2562	S65273	2025-184A		Starlink 34922	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	267	281	97.60	In Earth orbit
2563	S65274	2025-184B		Starlink 34904	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	267	281	97.60	In Earth orbit
2564	S65275	2025-184C		Starlink 34954	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	267	281	97.60	In Earth orbit
2565	S65276	2025-184D		Starlink 34968	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	267	281	97.60	In Earth orbit
2566	S65277	2025-184E		Starlink 34935	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	267	281	97.60	In Earth orbit
2567	S65278	2025-184F		Starlink 35000	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	267	281	97.60	In Earth orbit
2568	S65279	2025-184G		Starlink 35023	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	267	281	97.60	In Earth orbit
2569	S65280	2025-184H		Starlink 35001	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	267	281	97.60	In Earth orbit
2570	S65281	2025-184J		Starlink 35010	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	267	281	97.60	In Earth orbit
2571	S65282	2025-184K		Starlink 35021	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	267	281	97.60	In Earth orbit
2572	S65283	2025-184L		Starlink 35015	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	267	281	97.60	In Earth orbit
2573	S65284	2025-184M		Starlink 35006	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	267	281	97.60	In Earth orbit
2574	S65285	2025-184N		Starlink 34995	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	267	281	97.60	In Earth orbit
2575	S65286	2025-184P		Starlink 35048	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	266	281	97.60	In Earth orbit
2576	S65287	2025-184Q		Starlink 35007	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	266	281	97.60	In Earth orbit
2577	S65288	2025-184R		Starlink 35018	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	266	281	97.60	In Earth orbit
2578	S65289	2025-184S		Starlink 34845	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	266	281	97.60	In Earth orbit
2579	S65290	2025-184T		Starlink 34984	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	266	281	97.60	In Earth orbit
2580	S65291	2025-184U		Starlink 35002	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	266	280	97.60	In Earth orbit
2581	S65292	2025-184V		Starlink 35017	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	266	280	97.60	In Earth orbit
2582	S65293	2025-184W		Starlink 34951	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	266	280	97.60	In Earth orbit
2583	S65294	2025-184X		Starlink 34613	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	266	280	97.60	In Earth orbit
2584	S65295	2025-184Y		Starlink 34834	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	266	280	97.60	In Earth orbit
2585	S65296	2025-184Z		Starlink 34872	2025 Aug 22 1704:49	2025 Aug 22 1807:23	SPXS	US	266	280	97.60	In Earth orbit
2586	S65297	2025-185A		Dresden	2025 Aug 23 2242	2025 Aug 23 2342?	ESPACE	RW	653	669	97.97	In Earth orbit
2587	S65298	2025-185B		Fourier	2025 Aug 23 2242	2025 Aug 23 2342?	ESPACE	RW	653	669	97.97	In Earth orbit
2588	S65299	2025-185C		Stark	2025 Aug 23 2242	2025 Aug 23 2342?	ESPACE	RW	654	668	97.97	In Earth orbit
2589	S65301	2025-185E		Basil	2025 Aug 23 2242	2025 Aug 23 2342?	ESPACE	RW	652	668	97.97	In Earth orbit
2590	S65302	2025-185F		Dojo	2025 Aug 23 2242	2025 Aug 23 2342?	ESPACE	RW	652	668	97.97	In Earth orbit
2591	S65304	2025-186A		Dragon CRS-33	2025 Aug 24 0645:36	2025 Aug 24 0655:21	SPX	US	373	377	51.55	Attached to Falcon 9-xxx Stage 2
2592	S65729	1998-067XH		Dragonfly	2025 Aug 24 0645:36	2025 Sep 19 0850	KYUT	J	410	411	51.63	Reentered
2593	S65730	1998-067XJ	?	Asag	2025 Aug 24 0645:36	2025 Sep 19 1040	ASC24	J	410	411	51.63	In Earth orbit
2594	S65731	1998-067XK	?	Horai	2025 Aug 24 0645:36	2025 Sep 19 1040	SHIZ	J	407	413	51.63	In Earth orbit
2595	S65732	1998-067XL		Hamoran	2025 Aug 24 0645:36	2025 Sep 19 1040	RSP	J	410	411	51.63	In Earth orbit
2596	S65733	1998-067XM		Raicho	2025 Aug 24 0645:36	2025 Sep 19 0850	GIFU/GIDAI	J	407	413	51.63	In Earth orbit
2597	S65305	2025-187A		WHDW 10-01	2025 Aug 25 1908	2025 Aug 25 1929?	ZXW	CN	867	877	50.00	In Earth orbit
2598	S65306	2025-187B		WHDW 10-02	2025 Aug 25 1908	2025 Aug 25 1929?	ZXW	CN	868	877	50.00	In Earth orbit
2599	S65307	2025-187C		WHDW 10-03	2025 Aug 25 1908	2025 Aug 25 1929?	ZXW	CN	867	877	50.00	In Earth orbit
2600	S65308	2025-187D		WHDW 10-04	2025 Aug 25 1908	2025 Aug 25 1929?	ZXW	CN	868	876	50.00	In Earth orbit
2601	S65309	2025-187E		WHDW 10-05	2025 Aug 25 1908	2025 Aug 25 1929?	ZXW	CN	866	877	50.00	In Earth orbit
2602	S65310	2025-187F		WHDW 10-06	2025 Aug 25 1908	2025 Aug 25 1929?	ZXW	CN	867	876	50.00	In Earth orbit
2603	S65311	2025-187G		WHDW 10-07	2025 Aug 25 1908	2025 Aug 25 1929?	ZXW	CN	867	876	50.01	In Earth orbit
2604	S65312	2025-187H		WHDW 10-08	2025 Aug 25 1908	2025 Aug 25 1929?	ZXW	CN	866	876	50.01	In Earth orbit
2605	S65313	2025-187J		WHDW 10-09	2025 Aug 25 1908	2025 Aug 25 1929?	ZXW	CN	867	875	50.01	In Earth orbit
2606	S65315	2025-188A		Pelican 3	2025 Aug 26 1853:41	2025 Aug 26 1905:36	PLAN	US	458	464	97.26	In Earth orbit
2607	S65316	2025-188B		LEAP-1	2025 Aug 26 1853:41	2025 Aug 26 1905:29	PLAN	US	458	464	97.26	In Earth orbit
2608	S65317	2025-188C		NAOS	2025 Aug 26 1853:41	2025 Aug 26 1905:23	LUXDD/LUXEO	L	457	463	97.26	In Earth orbit
2609	S65318	2025-188D		Capella 16	2025 Aug 26 1853:41	2025 Aug 26 1905:31	CAPSP	US	596	602	97.77	In Earth orbit
2610	S65319	2025-188E		Firefly 6	2025 Aug 26 1853:41	2025 Aug 26 2004:31	PIXX	IN	595	604	97.77	In Earth orbit
2611	S65320	2025-188F		Firefly 4	2025 Aug 26 1853:41	2025 Aug 26 2003:38	PIXX	IN	595	603	97.77	In Earth orbit
2612	S65321	2025-188G		LEAP-1	2025 Aug 26 1853:41	2025 Aug 26 2003:47	DHURVA	IN	595	603	97.77	In Earth orbit
2613	S65322	2025-188H		Firefly 5	2025 Aug 26 1853:41	2025 Aug 26 2004:11	PIXX	IN	596	601	97.77	In Earth orbit
2614	A11589	2025-U03		Starship FT-10	2025 Aug 26 2330:03?	2025 Aug 26 2338:57	SPX	US	2	192	26.40	Orbit insertion
2615	S65323	2025-189A		Starlink 34899	2025 Aug 27 1110:40	2025 Aug 27 1214:41	SPXS	US	262	276	53.16	In Earth orbit
2616	S65324	2025-189B		Starlink 34196	2025 Aug 27 1110:40	2025 Aug 27 1214:41	SPXS	US	262	276	53.16	In Earth orbit
2617	S65325	2025-189C		Starlink 34911	2025 Aug 27 1110:40	2025 Aug 27 1214:41	SPXS	US	262	276	53.16	In Earth orbit
2618	S65326	2025-189D		Starlink 34902	2025 Aug 27 1110:40	2025 Aug 27 1214:41	SPXS	US	262	276	53.16	In Earth orbit
2619	S65327	2025-189E		Starlink 34880	2025 Aug 27 1110:40	2025 Aug 27 1214:41	SPXS	US	262	276	53.16	In Earth orbit

2686	2700	865394	2025-191R	Starlink 35058	2025 Aug 30 04:59:30	2025 Aug 30 06:01:57	SPXS	US	266	279	97.60	In Earth orbit
2687	2701	865395	2025-191S	Starlink 35094	2025 Aug 30 04:59:30	2025 Aug 30 06:01:57	SPXS	US	266	279	97.60	In Earth orbit
2688	2702	865396	2025-191T	Starlink 34811	2025 Aug 30 04:59:30	2025 Aug 30 06:01:57	SPXS	US	266	279	97.60	In Earth orbit
2689	2703	865397	2025-191U	Starlink 34940	2025 Aug 30 04:59:30	2025 Aug 30 06:01:57	SPXS	US	266	279	97.60	In Earth orbit
2690	2704	865398	2025-191V	Starlink 34931	2025 Aug 30 04:59:30	2025 Aug 30 06:01:57	SPXS	US	266	279	97.60	In Earth orbit
2691	2705	865399	2025-191W	Starlink 34836	2025 Aug 30 04:59:30	2025 Aug 30 06:01:57	SPXS	US	266	279	97.60	In Earth orbit
2692	2706	865400	2025-191X	Starlink 34876	2025 Aug 30 04:59:30	2025 Aug 30 06:01:57	SPXS	US	266	279	97.60	In Earth orbit
2693	2707	865401	2025-191Y	Starlink 34909	2025 Aug 30 04:59:30	2025 Aug 30 06:01:57	SPXS	US	266	279	97.60	In Earth orbit
2694	2708	865402	2025-191Z	Starlink 34848	2025 Aug 30 04:59:30	2025 Aug 30 06:01:57	SPXS	US	266	279	97.60	In Earth orbit
2695	2709	865404	2025-192A	Starlink 35031	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	275	53.16	In Earth orbit
2696	2710	865405	2025-192B	Starlink 34830	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	275	53.16	In Earth orbit
2697	2711	865406	2025-192C	Starlink 35036	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	275	53.16	In Earth orbit
2698	2712	865407	2025-192D	Starlink 35035	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	275	53.16	In Earth orbit
2699	2713	865408	2025-192E	Starlink 35008	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	275	53.16	In Earth orbit
2700	2714	865409	2025-192F	Starlink 35022	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	275	53.16	In Earth orbit
2701	2715	865410	2025-192G	Starlink 35024	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	275	53.16	In Earth orbit
2702	2716	865411	2025-192H	Starlink 34983	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	275	53.16	In Earth orbit
2703	2717	865412	2025-192I	Starlink 34992	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	275	53.16	In Earth orbit
2704	2718	865413	2025-192K	Starlink 35003	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	275	53.16	In Earth orbit
2705	2719	865414	2025-192L	Starlink 34411	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	275	53.16	In Earth orbit
2706	2720	865415	2025-192M	Starlink 34238	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	274	53.16	In Earth orbit
2707	2721	865416	2025-192N	Starlink 34855	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	274	53.16	In Earth orbit
2708	2722	865417	2025-192P	Starlink 34255	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	274	53.16	In Earth orbit
2709	2723	865418	2025-192Q	Starlink 34997	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	274	53.16	In Earth orbit
2710	2724	865419	2025-192R	Starlink 35085	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	274	53.16	In Earth orbit
2711	2725	865420	2025-192S	Starlink 35138	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	274	53.16	In Earth orbit
2712	2726	865421	2025-192T	Starlink 35146	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	274	53.16	In Earth orbit
2713	2727	865422	2025-192U	Starlink 35074	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	274	53.16	In Earth orbit
2714	2728	865423	2025-192V	Starlink 34837	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	274	53.16	In Earth orbit
2715	2729	865424	2025-192W	Starlink 34670	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	274	53.16	In Earth orbit
2716	2730	865425	2025-192X	Starlink 35095	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	274	53.16	In Earth orbit
2717	2731	865426	2025-192Y	Starlink 34883	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	274	53.16	In Earth orbit
2718	2732	865427	2025-192Z	Starlink 34916	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	274	53.16	In Earth orbit
2719	2733	865428	2025-192AA	Starlink 35044	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	274	53.16	In Earth orbit
2720	2734	865429	2025-192AB	Starlink 35014	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	274	53.16	In Earth orbit
2721	2735	865430	2025-192AC	Starlink 35025	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	274	53.16	In Earth orbit
2722	2736	865431	2025-192AD	Starlink 35034	2025 Aug 31 11:49:00	2025 Aug 31 12:53:11	SPXS	US	265	274	53.16	In Earth orbit
2723	2737	865432	2025-193A	Ofeq-19	2025 Sep 2 19:30	2025 Sep 2 19:39?	DDRD/U9900	IL	616	619	139.28	In Earth orbit
2724	2738	865434	2025-194A	Starlink 35142	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	267	277	97.60	In Earth orbit
2725	2739	865435	2025-194B	Starlink 35048	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	267	279	97.60	In Earth orbit
2726	2740	865436	2025-194C	Starlink 35043	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	267	279	97.60	In Earth orbit
2727	2741	865437	2025-194D	Starlink 35080	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	267	279	97.60	In Earth orbit
2728	2742	865438	2025-194E	Starlink 35068	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	267	279	97.60	In Earth orbit
2729	2743	865439	2025-194F	Starlink 35045	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	267	279	97.60	In Earth orbit
2730	2744	865440	2025-194G	Starlink 35050	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	267	279	97.60	In Earth orbit
2731	2745	865441	2025-194H	Starlink 35065	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	267	279	97.60	In Earth orbit
2732	2746	865442	2025-194J	Starlink 34679	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	266	279	97.60	In Earth orbit
2733	2747	865443	2025-194K	Starlink 35048	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	266	279	97.60	In Earth orbit
2734	2748	865444	2025-194L	Starlink 35049	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	266	279	97.60	In Earth orbit
2735	2749	865445	2025-194M	Starlink 35029	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	266	279	97.60	In Earth orbit
2736	2750	865446	2025-194N	Starlink 34991	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	266	279	97.60	In Earth orbit
2737	2751	865447	2025-194P	Starlink 34920	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	266	279	97.60	In Earth orbit
2738	2752	865448	2025-194Q	Starlink 35030	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	266	279	97.60	In Earth orbit
2739	2753	865449	2025-194R	Starlink 35009	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	266	279	97.60	In Earth orbit
2740	2754	865450	2025-194S	Starlink 34970	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	266	279	97.60	In Earth orbit
2741	2755	865451	2025-194T	Starlink 35039	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	266	279	97.60	In Earth orbit
2742	2756	865452	2025-194U	Starlink 35084	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	266	279	97.60	In Earth orbit
2743	2757	865453	2025-194V	Starlink 34988	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	266	279	97.60	In Earth orbit
2744	2758	865454	2025-194W	Starlink 35059	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	266	279	97.60	In Earth orbit
2745	2759	865455	2025-194X	Starlink 34728	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	266	279	97.60	In Earth orbit
2746	2760	865456	2025-194Y	Starlink 35005	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	266	279	97.60	In Earth orbit
2747	2761	865457	2025-194Z	Starlink 35076	2025 Sep 3 03:51:26	2025 Sep 3 04:54:00	SPXS	US	266	279	97.60	In Earth orbit
2748	2762	865458	2025-195A	Starlink 34867	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	270	53.16	In Earth orbit
2749	2763	865459	2025-195B	Starlink 34877	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	270	53.16	In Earth orbit
2750	2764	865460	2025-195C	Starlink 34850	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	270	53.16	In Earth orbit
2751	2765	865461	2025-195D	Starlink 35159	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	270	53.16	In Earth orbit

2752	2766	865462	2025-195E	Starlink 35180	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	270	53.16	In Earth orbit
2753	2767	865463	2025-195F	Starlink 35111	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	270	53.16	In Earth orbit
2754	2768	865464	2025-195G	Starlink 35107	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2755	2769	865465	2025-195H	Starlink 35169	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2756	2770	865466	2025-195J	Starlink 35027	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2757	2771	865467	2025-195K	Starlink 34816	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2758	2772	865468	2025-195L	Starlink 35033	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2759	2773	865469	2025-195M	Starlink 34924	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2760	2774	865470	2025-195N	Starlink 34829	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2761	2775	865471	2025-195P	Starlink 34888	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2762	2776	865472	2025-195Q	Starlink 34799	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2763	2777	865473	2025-195R	Starlink 34762	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2764	2778	865474	2025-195S	Starlink 34998	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2765	2779	865475	2025-195T	Starlink 34832	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2766	2780	865476	2025-195U	Starlink 35098	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2767	2781	865477	2025-195V	Starlink 35071	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2768	2782	865478	2025-195W	Starlink 35093	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2769	2783	865479	2025-195X	Starlink 35096	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2770	2784	865480	2025-195Y	Starlink 35040	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2771	2785	865481	2025-195Z	Starlink 35042	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2772	2786	865482	2025-195AA	Starlink 35038	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2773	2787	865483	2025-195AB	Starlink 35037	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2774	2788	865484	2025-195AC	Starlink 35089	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2775	2789	865485	2025-195AD	Starlink 35143	2025 Sep 3 11:56:10	2025 Sep 3 13:00:20	SPXS	US	259	269	53.16	In Earth orbit
2776	2790	865486	2025-196A	Shiyun 29	2025 Sep 5 02:34	2025 Sep 5 05:00?	CNSA	CN	35742	35833	28.58	In Earth orbit
2777	2791	865488	2025-197A	Kaiyuan-1	2025 Sep 5 11:39	2025 Sep 5 11:50?	KAIYUN	CN	494	513	97.41	In Earth orbit
2778	2792	865489	2025-197B	Zhuxin-1	2025 Sep 5 11:39	2025 Sep 5 11:50?	HARB	CN	493	512	97.41	In Earth orbit
2779	2793	865490	2025-197C	Yunxiao-1 27	2025 Sep 5 11:39	2025 Sep 5 11:50?	YYAO	CN	494	512	97.41	In Earth orbit
2780	2794	865491	2025-197D	Aishenxing LSP 2	2025 Sep 5 11:39	-	XIDO	CN	493	512	97.41	Attached to Gushenxing-1 Y15 Stage 4
2781	2795	865492	2025-198A	Starlink 35226	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	273	53.16	In Earth orbit
2782	2796	865493	2025-198B	Starlink 35242	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	273	53.16	In Earth orbit
2783	2797	865494	2025-198C	Starlink 35223	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	273	53.16	In Earth orbit
2784	2798	865495	2025-198D	Starlink 34446	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	273	53.16	In Earth orbit
2785	2799	865496	2025-198E	Starlink 35212	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	273	53.16	In Earth orbit
2786	2800	865497	2025-198F	Starlink 34455	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	273	53.16	In Earth orbit
2787	2801	865498	2025-198G	Starlink 35203	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	273	53.16	In Earth orbit
2788	2802	865499	2025-198H	Starlink 35166	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	273	53.16	In Earth orbit
2789	2803	865500	2025-198J	Starlink 35207	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	273	53.16	In Earth orbit
2790	2804	865501	2025-198K	Starlink 35140	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	273	53.16	In Earth orbit
2791	2805	865502	2025-198L	Starlink 35114	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	273	53.16	In Earth orbit
2792	2806	865503	2025-198M	Starlink 35126	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	273	53.16	In Earth orbit
2793	2807	865504	2025-198N	Starlink 35182	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	273	53.16	In Earth orbit
2794	2808	865505	2025-198P	Starlink 35072	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	273	53.16	In Earth orbit
2795	2809	865506	2025-198Q	Starlink 35184	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	273	53.16	In Earth orbit
2796	2810	865507	2025-198R	Starlink 35163	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	273	53.16	In Earth orbit
2797	2811	865508	2025-198S	Starlink 35119	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	272	53.16	In Earth orbit
2798	2812	865509	2025-198T	Starlink 35168	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	272	53.16	In Earth orbit
2799	2813	865510	2025-198U	Starlink 35122	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	272	53.16	In Earth orbit
2800	2814	865511	2025-198V	Starlink 35124	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	272	53.16	In Earth orbit
2801	2815	865512	2025-198W	Starlink 35149	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	272	53.16	In Earth orbit
2802	2816	865513	2025-198X	Starlink 35019	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	272	53.16	In Earth orbit
2803	2817	865514	2025-198Y	Starlink 35026	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	272	53.16	In Earth orbit
2804	2818	865515	2025-198Z	Starlink 35241	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	272	53.16	In Earth orbit
2805	2819	865516	2025-198AA	Starlink 35216	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	272	53.16	In Earth orbit
2806	2820	865517	2025-198AB	Starlink 35228	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	272	53.16	In Earth orbit
2807	2821	865518	2025-198AC	Starlink 35232	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	272	53.16	In Earth orbit
2808	2822	865519	2025-198AD	Starlink 35164	2025 Sep 5 12:32:30	2025 Sep 5 13:36:40	SPXS	US	262	272	53.16	In Earth orbit
2809	2823	865544	2025-199A	Yaogan 40-03-01	2025 Sep 6 16:34	2025 Sep 6 17:00?	CASIT	CN	796	812	86.00	In Earth orbit
2810	2824	865545	2025-199B	Yaogan 40-03-02	2025 Sep 6 16:34	2025 Sep 6 17:00?	CASIT	CN	795	811	86.00	In Earth orbit
2811	2825	865546	2025-199C	Yaogan 40-03-03	2025 Sep 6 16:34	2025 Sep 6 17:00?	CASIT	CN	795	810	86.00	In Earth orbit
2812	2826	865520	2025-200A	Starlink 35112	2025 Sep 6 18:06:40	2025 Sep 6 19:09? 13	SPXS	US	255	268	97.60	In Earth orbit
2813	2827	865521	2025-200B	Starlink 35187	2025 Sep 6 18:06:40	2025 Sep 6 19:09? 13	SPXS	US	255	268	97.60	In Earth orbit
2814	2828	865522	2025-200C	Starlink 35188	2025 Sep 6 18:06:40	2025 Sep 6 19:09? 13	SPXS	US	255	268	97.60	In Earth orbit
2815	2829	865523	2025-200D	Starlink 35078	2025 Sep 6 18:06:40	2025 Sep 6 19:09? 13	SPXS	US	255	268	97.60	In Earth orbit
2816	2830	865524	2025-200E	Starlink 35065	2025 Sep 6 18:06:40	2025 Sep 6 19:09? 13	SPXS	US	255	268	97.60	In Earth orbit
2817	2831	865525	2025-200F	Starlink 35057	2025 Sep 6 18:06:40	2025 Sep 6 19:09? 13	SPXS	US	255	268	97.60	In Earth orbit

2818	2832	S65526	2025-200G	Starlink 34674	2025 Sep 6 1806:40	2025 Sep 6 1909:13	SPXS	US	255	268	97.60	In Earth orbit
2819	2833	S65527	2025-200H	Starlink 35067	2025 Sep 6 1806:40	2025 Sep 6 1909:13	SPXS	US	255	268	97.60	In Earth orbit
2820	2834	S65528	2025-200J	Starlink 35067	2025 Sep 6 1806:40	2025 Sep 6 1909:13	SPXS	US	255	268	97.60	In Earth orbit
2821	2835	S65529	2025-200K	Starlink 35077	2025 Sep 6 1806:40	2025 Sep 6 1909:13	SPXS	US	254	268	97.60	In Earth orbit
2822	2836	S65530	2025-200L	Starlink 35152	2025 Sep 6 1806:40	2025 Sep 6 1909:13	SPXS	US	254	268	97.60	In Earth orbit
2823	2837	S65531	2025-200M	Starlink 35064	2025 Sep 6 1806:40	2025 Sep 6 1909:13	SPXS	US	254	268	97.60	In Earth orbit
2824	2838	S65532	2025-200N	Starlink 35170	2025 Sep 6 1806:40	2025 Sep 6 1909:13	SPXS	US	254	268	97.60	In Earth orbit
2825	2839	S65533	2025-200P	Starlink 35172	2025 Sep 6 1806:40	2025 Sep 6 1909:13	SPXS	US	254	268	97.60	In Earth orbit
2826	2840	S65534	2025-200Q	Starlink 35125	2025 Sep 6 1806:40	2025 Sep 6 1909:13	SPXS	US	254	268	97.60	In Earth orbit
2827	2841	S65535	2025-200R	Starlink 35133	2025 Sep 6 1806:40	2025 Sep 6 1909:13	SPXS	US	254	268	97.60	In Earth orbit
2828	2842	S65536	2025-200S	Starlink 35044	2025 Sep 6 1806:40	2025 Sep 6 1909:13	SPXS	US	254	268	97.60	In Earth orbit
2829	2843	S65537	2025-200T	Starlink 35136	2025 Sep 6 1806:40	2025 Sep 6 1909:13	SPXS	US	254	268	97.60	In Earth orbit
2830	2844	S65538	2025-200U	Starlink 35144	2025 Sep 6 1806:40	2025 Sep 6 1909:13	SPXS	US	254	268	97.60	In Earth orbit
2831	2845	S65539	2025-200V	Starlink 35111	2025 Sep 6 1806:40	2025 Sep 6 1909:13	SPXS	US	254	268	97.60	In Earth orbit
2832	2846	S65540	2025-200W	Starlink 35052	2025 Sep 6 1806:40	2025 Sep 6 1909:13	SPXS	US	254	268	97.60	In Earth orbit
2833	2847	S65541	2025-200X	Starlink 35087	2025 Sep 6 1806:40	2025 Sep 6 1909:13	SPXS	US	254	268	97.60	In Earth orbit
2834	2848	S65542	2025-200Y	Starlink 35100	2025 Sep 6 1806:40	2025 Sep 6 1909:13	SPXS	US	254	268	97.60	In Earth orbit
2835	2849	S65543	2025-200Z	Starlink 35105	2025 Sep 6 1806:40	2025 Sep 6 1909:13	SPXS	US	254	268	97.60	In Earth orbit
2836	2850	S65550	2025-201A	Geely Xingzuo 05 zu 01 xing	2025 Sep 8 1948	2025 Sep 8 2002?	GEESP	CN	585	603	49.99	In Earth orbit
2837	2851	S65551	2025-201B	Geely Xingzuo 05 zu 02 xing	2025 Sep 8 1948	2025 Sep 8 2002?	GEESP	CN	585	603	49.99	In Earth orbit
2838	2852	S65552	2025-201C	Geely Xingzuo 05 zu 03 xing	2025 Sep 8 1948	2025 Sep 8 2002?	GEESP	CN	585	603	49.99	In Earth orbit
2839	2853	S65553	2025-201D	Geely Xingzuo 05 zu 04 xing	2025 Sep 8 1948	2025 Sep 8 2002?	GEESP	CN	584	603	49.98	In Earth orbit
2840	2854	S65554	2025-201E	Geely Xingzuo 05 zu 05 xing	2025 Sep 8 1948	2025 Sep 8 2002?	GEESP	CN	584	603	49.99	In Earth orbit
2841	2855	S65555	2025-201F	Geely Xingzuo 05 zu 06 xing	2025 Sep 8 1948	2025 Sep 8 2002?	GEESP	CN	584	603	49.98	In Earth orbit
2842	2856	S65556	2025-201G	Geely Xingzuo 05 zu 07 xing	2025 Sep 8 1948	2025 Sep 8 2002?	GEESP	CN	583	603	49.99	In Earth orbit
2843	2857	S65557	2025-201H	Geely Xingzuo 05 zu 08 xing	2025 Sep 8 1948	2025 Sep 8 2002?	GEESP	CN	584	603	49.99	In Earth orbit
2844	2858	S65558	2025-201J	Geely Xingzuo 05 zu 09 xing	2025 Sep 8 1948	2025 Sep 8 2002?	GEESP	CN	583	603	49.99	In Earth orbit
2845	2859	S65559	2025-201K	Geely Xingzuo 05 zu 10 xing	2025 Sep 8 1948	2025 Sep 8 2002?	GEESP	CN	582	603	49.99	In Earth orbit
2846	2860	S65560	2025-201L	Geely Xingzuo 05 zu 11 xing	2025 Sep 8 1948	2025 Sep 8 2002?	GEESP	CN	344	603	50.08	In Earth orbit
2847	2861	S65563	2025-202A	Yaogan 45	2025 Sep 9 0200	2025 Sep 9 0215?	ZLZB	CN	7491	7502	20.01	In Earth orbit
2848	2862	S65565	2025-203A	Praetorian SDA-602	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	940	943	81.30	In Earth orbit
2849	2863	S65566	2025-203B	Praetorian SDA-603	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	937	952	81.30	In Earth orbit
2850	2864	S65567	2025-203C	Praetorian SDA-604	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	943	952	81.30	In Earth orbit
2851	2865	S65568	2025-203D	Praetorian SDA-605	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	938	952	81.30	In Earth orbit
2852	2866	S65569	2025-203E	Praetorian SDA-606	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	942	952	81.30	In Earth orbit
2853	2867	S65570	2025-203F	Praetorian SDA-607	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	938	952	81.30	In Earth orbit
2854	2868	S65571	2025-203G	Praetorian SDA-608	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	943	952	81.30	In Earth orbit
2855	2869	S65572	2025-203H	Praetorian SDA-609	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	941	952	81.30	In Earth orbit
2856	2870	S65573	2025-203J	Praetorian SDA-610	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	942	952	81.30	In Earth orbit
2857	2871	S65574	2025-203K	Praetorian SDA-611	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	943	952	81.30	In Earth orbit
2858	2872	S65575	2025-203L	Praetorian SDA-612	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	939	952	81.30	In Earth orbit
2859	2873	S65576	2025-203M	Praetorian SDA-613	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	942	951	81.30	In Earth orbit
2860	2874	S65577	2025-203N	Praetorian SDA-614	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	941	951	81.30	In Earth orbit
2861	2875	S65578	2025-203P	Praetorian SDA-615	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	938	952	81.30	In Earth orbit
2862	2876	S65579	2025-203Q	Praetorian SDA-616	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	943	952	81.30	In Earth orbit
2863	2877	S65580	2025-203R	Praetorian SDA-617	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	939	952	81.30	In Earth orbit
2864	2878	S65581	2025-203S	Praetorian SDA-618	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	937	952	81.30	In Earth orbit
2865	2879	S65582	2025-203T	Praetorian SDA-619	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	939	952	81.30	In Earth orbit
2866	2880	S65583	2025-203U	Praetorian SDA-620	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	940	952	81.30	In Earth orbit
2867	2881	S65584	2025-203V	Praetorian SDA-621	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	939	952	81.30	In Earth orbit
2868	2882	S65585	2025-203W	Praetorian SDA-601	2025 Sep 10 1412:10	2025 Sep 10 1510?	SDA	US	944	952	81.30	In Earth orbit
2869	2883	S65586	2025-204A	Progress MS-32	2025 Sep 11 1554:06	2025 Sep 11 1602:55	RKKE	RU	413	419	51.63	Attached to Soyuz-2-1a No. 079 Blok-I
2870	2884	S65588	2025-205A	Nusantara Lima	2025 Sep 12 0156	2025 Sep 12 0223	PSNT	ID	23476	52001	0.18	In Earth orbit
2871	2885	S65589	2025-206A	Kosmos-2596	2025 Sep 13 0210	2025 Sep 13 0540?	MOZHA	RU	19144	19158	64.70	In Earth orbit
2872	2886	S65590	2025-206B	Kosmos-2595	2025 Sep 13 0210	2025 Sep 13 0540?	VVKOV/IACG	RU	19094	19165	64.76	In Earth orbit
2873	2887	S65592	2025-207A	Starlink 35267	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	256	269	97.60	In Earth orbit
2874	2888	S65593	2025-207B	Starlink 35269	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	256	269	97.60	In Earth orbit
2875	2889	S65594	2025-207C	Starlink 35267	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	256	269	97.60	In Earth orbit
2876	2890	S65595	2025-207D	Starlink 35261	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	256	269	97.60	In Earth orbit
2877	2891	S65596	2025-207E	Starlink 35263	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	256	269	97.60	In Earth orbit
2878	2892	S65597	2025-207F	Starlink 35253	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	256	269	97.60	In Earth orbit
2879	2893	S65598	2025-207G	Starlink 35248	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	256	269	97.60	In Earth orbit
2880	2894	S65599	2025-207H	Starlink 35245	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	256	269	97.60	In Earth orbit
2881	2895	S65600	2025-207I	Starlink 35229	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	256	269	97.60	In Earth orbit
2882	2896	S65601	2025-207K	Starlink 35254	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	256	269	97.60	In Earth orbit
2883	2897	S65602	2025-207L	Starlink 35255	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	256	269	97.60	In Earth orbit

S65603	2025-207M	Starlink 35250	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	255	269	97.60	In Earth orbit
S65604	2025-207N	Starlink 35251	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	255	269	97.60	In Earth orbit
S65605	2025-207P	Starlink 35178	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	255	269	97.60	In Earth orbit
S65606	2025-207Q	Starlink 35195	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	255	269	97.60	In Earth orbit
S65607	2025-207R	Starlink 35156	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	255	269	97.60	In Earth orbit
S65608	2025-207S	Starlink 35185	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	255	269	97.60	In Earth orbit
S65609	2025-207T	Starlink 35053	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	255	269	97.60	In Earth orbit
S65610	2025-207U	Starlink 35178	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	255	269	97.60	In Earth orbit
S65611	2025-207V	Starlink 35186	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	255	269	97.60	In Earth orbit
S65612	2025-207W	Starlink 35154	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	255	269	97.60	In Earth orbit
S65613	2025-207X	Starlink 35162	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	255	269	97.60	In Earth orbit
S65614	2025-207Y	Starlink 35206	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	255	269	97.60	In Earth orbit
S65615	2025-207Z	Starlink 35174	2025 Sep 13 1755:49	2025 Sep 13 1858:23	SPXS	US	255	269	97.60	In Earth orbit
S65616	2025-208A	S.S. William C. McCool	2025 Sep 14 2211:49	2025 Sep 14 2226:26	NGIS	US	242	245	51.65	Attached to Falcon 9-xxx Stage 2
S65941	1998-067XN	YOTSUBA-KULOVER	2025 Sep 14 2211:49	2025 Oct 10 0940	KYUT/KYUD	J	412	416	51.63	In Earth orbit
S65942	1998-067XP	IWATU	2025 Sep 14 2211:49	2025 Oct 10 0950	EKAG	J	412	416	51.63	In Earth orbit
S65943	1998-067XQ	BOTAN	2025 Sep 14 2211:49	2025 Oct 10 0950	CHIBA	J	412	417	51.63	In Earth orbit
S65946	1998-067XS	DUPLFX	2025 Sep 14 2211:49	2025 Dec 2 0810	CUBA	US	410	418	51.63	In Earth orbit
S66907	1998-067XT	? RHOK-SAT	2025 Sep 14 2211:49	2025 Dec 2 0820	RHODES	US	411	418	51.63	In Earth orbit
S66908	1998-067XU	? EagleSat-2	2025 Sep 14 2211:49	2025 Dec 2 0950	ERAU	US	411	418	51.63	In Earth orbit
S66909	1998-067XV	SilverSat	2025 Sep 14 2211:49	2025 Dec 2 0820	SILVER	US	411	418	51.63	In Earth orbit
S66910	1998-067XW	? ContentCube	2025 Sep 14 2211:49	2025 Dec 2 0820	VAP	US	413	419	51.63	In Earth orbit
S66911	1998-067XX	? CU Alpha	2025 Sep 14 2211:49	2025 Dec 2 0820	CORN	US	410	418	51.63	In Earth orbit
S66912	1998-067XY	? Foras Promineo	2025 Sep 14 2211:49	2025 Dec 2 0950	PERKHS	US	412	419	51.63	In Earth orbit
S66916	1998-067XZ	? CU Alpha LightSail	2025 Sep 14 2211:49	2025 Dec 4 0147?	CORN	US	410	418	51.63	Reentered
S65617	2025-209A	Hulianwang Jishu Shiyuan W.	2025 Sep 16 0106	2025 Sep 16 0200?	ZXW	CN	807	811	50.00	In Earth orbit
S65618	2025-209B	Hulianwang Jishu Shiyuan W.	2025 Sep 16 0106	2025 Sep 16 0200?	ZXW	CN	810	810	50.00	In Earth orbit
S65619	2025-209C	Hulianwang Jishu Shiyuan W.	2025 Sep 16 0106	2025 Sep 16 0200?	ZXW	CN	808	810	50.00	In Earth orbit
S65620	2025-209D	Hulianwang Jishu Shiyuan W.	2025 Sep 16 0106	2025 Sep 16 0200?	ZXW	CN	807	810	50.00	In Earth orbit
S65622	2025-210A	Starlink 35247	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	275	53.16	In Earth orbit
S65623	2025-210B	Starlink 35229	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	275	53.16	In Earth orbit
S65624	2025-210C	Starlink 35151	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	275	53.16	In Earth orbit
S65625	2025-210D	Starlink 35153	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	275	53.16	In Earth orbit
S65626	2025-210E	Starlink 35225	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	275	53.16	In Earth orbit
S65627	2025-210F	Starlink 35217	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	275	53.16	In Earth orbit
S65628	2025-210G	Starlink 35128	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	275	53.16	In Earth orbit
S65629	2025-210H	Starlink 35155	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	275	53.16	In Earth orbit
S65630	2025-210I	Starlink 34877	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	275	53.16	In Earth orbit
S65631	2025-210K	Starlink 35104	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	275	53.16	In Earth orbit
S65632	2025-210L	Starlink 35117	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	275	53.16	In Earth orbit
S65633	2025-210M	Starlink 35103	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	275	53.16	In Earth orbit
S65634	2025-210N	Starlink 35123	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	275	53.16	In Earth orbit
S65635	2025-210P	Starlink 35150	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	274	53.16	In Earth orbit
S65636	2025-210Q	Starlink 35209	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	274	53.16	In Earth orbit
S65637	2025-210R	Starlink 35147	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	274	53.16	In Earth orbit
S65638	2025-210S	Starlink 35213	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	274	53.16	In Earth orbit
S65639	2025-210T	Starlink 35127	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	274	53.16	In Earth orbit
S65640	2025-210U	Starlink 35091	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	274	53.16	In Earth orbit
S65641	2025-210V	Starlink 35134	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	274	53.16	In Earth orbit
S65642	2025-210W	Starlink 35109	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	274	53.16	In Earth orbit
S65643	2025-210X	Starlink 35062	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	274	53.16	In Earth orbit
S65644	2025-210Y	Starlink 35141	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	274	53.16	In Earth orbit
S65645	2025-210Z	Starlink 35237	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	274	53.16	In Earth orbit
S65646	2025-210AA	Starlink 35183	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	274	53.16	In Earth orbit
S65647	2025-210AB	Starlink 35202	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	274	53.16	In Earth orbit
S65648	2025-210AC	Starlink 34868	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	274	53.16	In Earth orbit
S65649	2025-210AD	Starlink 35079	2025 Sep 18 0930:00	2025 Sep 18 1034:14	SPXS	US	263	274	53.16	In Earth orbit
S65650	2025-210B	Starlink 35228	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	270	97.60	In Earth orbit
S65651	2025-211A	Starlink 34210	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	270	97.60	In Earth orbit
S65652	2025-211B	Starlink 35227	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
S65653	2025-211C	Starlink 35240	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
S65654	2025-211D	Starlink 35240	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
S65655	2025-211E	Starlink 35344	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
S65656	2025-211F	Starlink 34540	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
S65657	2025-211G	Starlink 35282	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
S65658	2025-211H	Starlink 35120	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
S65659	2025-211I	Starlink 35246	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
S65660	2025-211J									

2950	865661	2025-211K	Starlink 35220	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
2951	865662	2025-211L	Starlink 35176	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
2952	865663	2025-211M	Starlink 35190	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
2953	865664	2025-211N	Starlink 35201	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
2954	865665	2025-211P	Starlink 35115	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
2955	865666	2025-211Q	Starlink 35181	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
2956	865667	2025-211R	Starlink 35361	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
2957	865668	2025-211S	Starlink 35351	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
2958	865669	2025-211T	Starlink 35353	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
2959	865670	2025-211U	Starlink 35359	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
2960	865671	2025-211V	Starlink 35194	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
2961	865672	2025-211W	Starlink 35198	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
2962	865673	2025-211X	Starlink 35177	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
2963	865674	2025-211Y	Starlink 35254	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
2964	865675	2025-211Z	Starlink 35389	2025 Sep 19 1631:39	2025 Sep 19 1734:11	SPXS	US	256	269	97.60	In Earth orbit
2965	865676	2025-212A	Starlink 35189	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2966	865677	2025-212B	Starlink 35222	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2967	865678	2025-212C	Starlink 35233	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2968	865679	2025-212D	Starlink 35205	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2969	865680	2025-212E	Starlink 35070	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2970	865681	2025-212F	Starlink 35230	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2971	865682	2025-212G	Starlink 34886	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2972	865683	2025-212H	Starlink 34886	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2973	865684	2025-212I	Starlink 34795	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2974	865685	2025-212J	Starlink 35145	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2975	865686	2025-212L	Starlink 35137	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2976	865687	2025-212M	Starlink 34856	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2977	865688	2025-212N	Starlink 34930	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2978	865689	2025-212P	Starlink 34875	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2979	865690	2025-212Q	Starlink 34790	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2980	865691	2025-212R	Starlink 34691	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2981	865692	2025-212S	Starlink 34825	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2982	865693	2025-212T	Starlink 35060	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2983	865694	2025-212U	Starlink 35204	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2984	865695	2025-212V	Starlink 35221	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2985	865696	2025-212W	Starlink 34734	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2986	865697	2025-212X	Starlink 35113	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2987	865698	2025-212Y	Starlink 35090	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2988	865699	2025-212Z	Starlink 35086	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2989	865700	2025-212AA	Starlink 35101	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	271	53.16	In Earth orbit
2990	865701	2025-212AB	Starlink 35046	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	272	53.16	In Earth orbit
2991	865702	2025-212AC	Starlink 35075	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	271	53.16	In Earth orbit
2992	865703	2025-212AD	Starlink 34839	2025 Sep 21 1053:00	2025 Sep 21 1157:14	SPXS	US	261	271	53.16	In Earth orbit
2993	865704	2025-213A	USA 558	2025 Sep 22 1738	2025 Sep 22 1840?	NROC	US	469	474	69.96	In Earth orbit
2994	865705	2025-213B	USA 559	2025 Sep 22 1738	2025 Sep 22 1840?	NROC	US	464	469	69.98	In Earth orbit
2995	865706	2025-213C	USA 560	2025 Sep 22 1738	2025 Sep 22 1840?	NROC	US	464	469	69.98	In Earth orbit
2996	865707	2025-213D	USA 561	2025 Sep 22 1738	2025 Sep 22 1840?	NROC	US	466	470	69.98	In Earth orbit
2997	865708	2025-213E	USA 562	2025 Sep 22 1738	2025 Sep 22 1840?	NROC	US	465	470	69.98	In Earth orbit
2998	865709	2025-213F	USA 563	2025 Sep 22 1738	2025 Sep 22 1840?	NROC	US	464	468	69.98	In Earth orbit
2999	865710	2025-213G	USA 564	2025 Sep 22 1738	2025 Sep 22 1840?	NROC	US	464	470	69.97	In Earth orbit
3000	865711	2025-213H	USA 565	2025 Sep 22 1738	2025 Sep 22 1840?	NROC	US	463	468	69.98	In Earth orbit
3001	865712	2025-214A	Shikongxing 01	2025 Sep 24 0756	2025 Sep 24 0806?	PKU	CN	582	604	49.98	In Earth orbit
3002	865713	2025-214B	Geely Xingzao 06 zu 01 xing	2025 Sep 24 0756	2025 Sep 24 0806?	GEESP	CN	585	604	49.99	In Earth orbit
3003	865714	2025-214C	Geely Xingzao 06 zu 02 xing	2025 Sep 24 0756	2025 Sep 24 0806?	GEESP	CN	584	604	49.99	In Earth orbit
3004	865715	2025-214D	Geely Xingzao 06 zu 03 xing	2025 Sep 24 0756	2025 Sep 24 0806?	GEESP	CN	584	604	49.98	In Earth orbit
3005	865716	2025-214E	Geely Xingzao 06 zu 04 xing	2025 Sep 24 0756	2025 Sep 24 0806?	GEESP	CN	584	604	49.98	In Earth orbit
3006	865717	2025-214F	Geely Xingzao 06 zu 05 xing	2025 Sep 24 0756	2025 Sep 24 0806?	GEESP	CN	584	604	49.99	In Earth orbit
3007	865718	2025-214G	Geely Xingzao 06 zu 06 xing	2025 Sep 24 0756	2025 Sep 24 0806?	GEESP	CN	585	602	49.98	In Earth orbit
3008	865719	2025-214H	Geely Xingzao 06 zu 07 xing	2025 Sep 24 0756	2025 Sep 24 0806?	GEESP	CN	583	604	49.99	In Earth orbit
3009	865720	2025-214I	Geely Xingzao 06 zu 08 xing	2025 Sep 24 0756	2025 Sep 24 0806?	GEESP	CN	583	604	49.99	In Earth orbit
3010	865721	2025-214J	Geely Xingzao 06 zu 09 xing	2025 Sep 24 0756	2025 Sep 24 0806?	GEESP	CN	584	604	49.98	In Earth orbit
3011	865722	2025-214K	Geely Xingzao 06 zu 10 xing	2025 Sep 24 0756	2025 Sep 24 0806?	GEESP	CN	584	602	49.98	In Earth orbit
3012	865723	2025-214M	Geely Xingzao 06 zu 11 xing	2025 Sep 24 0756	2025 Sep 24 0806?	GEESP	CN	583	604	49.99	In Earth orbit
3013	865724	2025-215A	IMAP	2025 Sep 24 1130:50	2025 Sep 24 1254:41	APL/GSFC	US	188	116400	28.37	In Earth orbit
3014	865725	2025-215B	SWFO-L1	2025 Sep 24 1130:50	2025 Sep 24 1301:16	NOAA/NESD	US	188	116400	28.37	In Earth orbit
3015	865727	2025-215C	Carruthers Geocorona Obs.	2025 Sep 24 1130:50	2025 Sep 24 1306:36	GSFC	US	188	1164400	28.37	In Earth orbit

3016	3030	865734	2025-216A	Starlink 34086	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	278	53.16	In Earth orbit
3017	3031	865735	2025-216B	Starlink 35099	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	278	53.16	In Earth orbit
3018	3032	865736	2025-216C	Starlink 35167	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	278	53.16	In Earth orbit
3019	3033	865737	2025-216D	Starlink 35121	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	278	53.16	In Earth orbit
3020	3034	865738	2025-216E	Starlink 35108	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3021	3035	865739	2025-216F	Starlink 35106	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3022	3036	865740	2025-216G	Starlink 35130	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3023	3037	865741	2025-216H	Starlink 35284	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3024	3038	865742	2025-216I	Starlink 35316	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3025	3039	865743	2025-216K	Starlink 35319	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3026	3040	865744	2025-216L	Starlink 35173	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3027	3041	865745	2025-216M	Starlink 34808	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3028	3042	865746	2025-216N	Starlink 34704	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3029	3043	865747	2025-216P	Starlink 35214	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3030	3044	865748	2025-216Q	Starlink 35265	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3031	3045	865749	2025-216R	Starlink 35288	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3032	3046	865750	2025-216S	Starlink 35165	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3033	3047	865751	2025-216T	Starlink 35260	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3034	3048	865752	2025-216U	Starlink 34893	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3035	3049	865753	2025-216V	Starlink 34894	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3036	3050	865754	2025-216W	Starlink 35287	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3037	3051	865755	2025-216X	Starlink 35294	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3038	3052	865756	2025-216Y	Starlink 35275	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3039	3053	865757	2025-216Z	Starlink 35211	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3040	3054	865758	2025-216AA	Starlink 35313	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3041	3055	865759	2025-216AB	Starlink 34692	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3042	3056	865760	2025-216AC	Starlink 34890	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3043	3057	865761	2025-216AD	Starlink 34889	2025 Sep 25 0839:00	2025 Sep 25 0943:06	SPXS	US	265	277	53.16	In Earth orbit
3044	3058	865762	2025-217A	Kuiper-00120	2025 Sep 25 1209	2025 Sep 25 1229	KUIP	US	456	472	51.86	In Earth orbit
3045	3059	865763	2025-217B	Kuiper-00132	2025 Sep 25 1209	2025 Sep 25 1229	KUIP	US	456	467	51.86	In Earth orbit
3046	3060	865764	2025-217C	Kuiper-00133	2025 Sep 25 1209	2025 Sep 25 1230	KUIP	US	456	470	51.86	In Earth orbit
3047	3061	865765	2025-217D	Kuiper-00139	2025 Sep 25 1209	2025 Sep 25 1230	KUIP	US	456	468	51.87	In Earth orbit
3048	3062	865766	2025-217E	Kuiper-00142	2025 Sep 25 1209	2025 Sep 25 1231	KUIP	US	455	462	51.87	In Earth orbit
3049	3063	865767	2025-217F	Kuiper-00145	2025 Sep 25 1209	2025 Sep 25 1231	KUIP	US	456	463	51.87	In Earth orbit
3050	3064	865768	2025-217G	Kuiper-00147	2025 Sep 25 1209	2025 Sep 25 1232	KUIP	US	456	468	51.87	In Earth orbit
3051	3065	865769	2025-217H	Kuiper-00148	2025 Sep 25 1209	2025 Sep 25 1232	KUIP	US	456	471	51.86	In Earth orbit
3052	3066	865770	2025-217I	Kuiper-00150	2025 Sep 25 1209	2025 Sep 25 1233	KUIP	US	456	471	51.86	In Earth orbit
3053	3067	865771	2025-217K	Kuiper-00151	2025 Sep 25 1209	2025 Sep 25 1233	KUIP	US	455	464	51.87	In Earth orbit
3054	3068	865772	2025-217L	Kuiper-00152	2025 Sep 25 1209	2025 Sep 25 1234	KUIP	US	455	458	51.87	In Earth orbit
3055	3069	865773	2025-217M	Kuiper-00153	2025 Sep 25 1209	2025 Sep 25 1234	KUIP	US	456	470	51.86	In Earth orbit
3056	3070	865774	2025-217N	Kuiper-00155	2025 Sep 25 1209	2025 Sep 25 1235	KUIP	US	456	465	51.87	In Earth orbit
3057	3071	865775	2025-217P	Kuiper-00156	2025 Sep 25 1209	2025 Sep 25 1235	KUIP	US	455	459	51.87	In Earth orbit
3058	3072	865776	2025-217Q	Kuiper-00158	2025 Sep 25 1209	2025 Sep 25 1236	KUIP	US	456	464	51.87	In Earth orbit
3059	3073	865777	2025-217R	Kuiper-00163	2025 Sep 25 1209	2025 Sep 25 1236	KUIP	US	456	469	51.86	In Earth orbit
3060	3074	865778	2025-217S	Kuiper-00165	2025 Sep 25 1209	2025 Sep 25 1237	KUIP	US	455	462	51.87	In Earth orbit
3061	3075	865779	2025-217T	Kuiper-00166	2025 Sep 25 1209	2025 Sep 25 1237	KUIP	US	455	461	51.87	In Earth orbit
3062	3076	865780	2025-217U	Kuiper-00167	2025 Sep 25 1209	2025 Sep 25 1238	KUIP	US	456	466	51.87	In Earth orbit
3063	3077	865781	2025-217V	Kuiper-00168	2025 Sep 25 1209	2025 Sep 25 1238	KUIP	US	455	457	51.87	In Earth orbit
3064	3078	865782	2025-217W	Kuiper-00169	2025 Sep 25 1209	2025 Sep 25 1239	KUIP	US	455	461	51.87	In Earth orbit
3065	3079	865783	2025-217X	Kuiper-00170	2025 Sep 25 1209	2025 Sep 25 1239	KUIP	US	456	466	51.87	In Earth orbit
3066	3080	865784	2025-217Y	Kuiper-00171	2025 Sep 25 1209	2025 Sep 25 1240	KUIP	US	456	463	51.87	In Earth orbit
3067	3081	865785	2025-217Z	Kuiper-00172	2025 Sep 25 1209	2025 Sep 25 1241	KUIP	US	455	459	51.87	In Earth orbit
3068	3082	865786	2025-217AAA	Kuiper-00173	2025 Sep 25 1209	2025 Sep 25 1242	KUIP	US	455	460	51.87	In Earth orbit
3069	3083	865787	2025-217AB	Kuiper-00174	2025 Sep 25 1209	2025 Sep 25 1243	KUIP	US	455	457	51.87	In Earth orbit
3070	3084	865788	2025-217AC	Kuiper-00176	2025 Sep 25 1209	2025 Sep 25 1244	KUIP	US	455	458	51.87	In Earth orbit
3071	3085	865791	2025-218A	Starlink 35330	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	255	268	97.60	In Earth orbit
3072	3086	865792	2025-218B	Starlink 35373	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	255	268	97.60	In Earth orbit
3073	3087	865793	2025-218C	Starlink 35383	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	255	268	97.60	In Earth orbit
3074	3088	865794	2025-218D	Starlink 35378	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	255	267	97.60	In Earth orbit
3075	3089	865795	2025-218E	Starlink 35406	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	255	268	97.60	In Earth orbit
3076	3090	865796	2025-218F	Starlink 35390	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	255	267	97.60	In Earth orbit
3077	3091	865797	2025-218G	Starlink 35412	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	254	268	97.60	In Earth orbit
3078	3092	865798	2025-218H	Starlink 35414	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	254	267	97.60	In Earth orbit
3079	3093	865799	2025-218J	Starlink 35357	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	255	267	97.60	In Earth orbit
3080	3094	865800	2025-218K	Starlink 35300	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	254	267	97.60	In Earth orbit
3081	3095	865801	2025-218L	Starlink 35296	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	254	267	97.60	In Earth orbit

3082	3096	865802	2025-218M	Starlink 34919	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	254	267	97.60	In Earth orbit
3083	3097	865803	2025-218N	Starlink 35286	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	254	267	97.60	In Earth orbit
3084	3098	865804	2025-218P	Starlink 35266	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	254	267	97.60	In Earth orbit
3085	3099	865805	2025-218Q	Starlink 35273	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	254	267	97.60	In Earth orbit
3086	3100	865806	2025-218R	Starlink 35047	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	254	267	97.60	In Earth orbit
3087	3101	865807	2025-218S	Starlink 35285	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	254	267	97.60	In Earth orbit
3088	3102	865808	2025-218T	Starlink 34580	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	254	267	97.60	In Earth orbit
3089	3103	865809	2025-218U	Starlink 35289	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	254	267	97.60	In Earth orbit
3090	3104	865810	2025-218V	Starlink 35268	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	254	267	97.60	In Earth orbit
3091	3105	865811	2025-218W	Starlink 35274	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	254	267	97.60	In Earth orbit
3092	3106	865812	2025-218X	Starlink 35271	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	254	267	97.60	In Earth orbit
3093	3107	865813	2025-218Y	Starlink 35215	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	254	267	97.60	In Earth orbit
3094	3108	865814	2025-218Z	Starlink 35157	2025 Sep 26 0426:29	2025 Sep 26 0528:36	SPXS	US	254	267	97.60	In Earth orbit
3095	3109	865815	2025-219A	Feng Yun 3H	2025 Sep 26 1928	2025 Sep 26 1950	NSMC	CN	798	814	98.64	In Earth orbit
3096	3110	865817	2025-220A	WHDW 11-01	2025 Sep 27 1240	2025 Sep 27 1331?	ZXW	CN	996	1009	86.50	In Earth orbit
3097	3111	865818	2025-220B	WHDW 11-02	2025 Sep 27 1240	2025 Sep 27 1331?	ZXW	CN	996	1008	86.50	In Earth orbit
3098	3112	865819	2025-220C	WHDW 11-03	2025 Sep 27 1240	2025 Sep 27 1331?	ZXW	CN	996	1007	86.49	In Earth orbit
3099	3113	865820	2025-220D	WHDW 11-04	2025 Sep 27 1240	2025 Sep 27 1331?	ZXW	CN	996	1006	86.50	In Earth orbit
3100	3114	865821	2025-220E	WHDW 11-05	2025 Sep 27 1240	2025 Sep 27 1331?	ZXW	CN	996	1006	86.50	In Earth orbit
3101	3115	865823	2025-221A	Starlink 35392	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	272	53.16	In Earth orbit
3102	3116	865824	2025-221B	Starlink 35381	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	272	53.16	In Earth orbit
3103	3117	865825	2025-221C	Starlink 35397	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3104	3118	865826	2025-221D	Starlink 35381	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3105	3119	865827	2025-221E	Starlink 35393	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3106	3120	865828	2025-221F	Starlink 35396	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3107	3121	865829	2025-221G	Starlink 35344	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	270	53.16	In Earth orbit
3108	3122	865830	2025-221H	Starlink 35368	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3109	3123	865831	2025-221J	Starlink 35337	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3110	3124	865832	2025-221K	Starlink 35277	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3111	3125	865833	2025-221L	Starlink 35345	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3112	3126	865834	2025-221M	Starlink 35320	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3113	3127	865835	2025-221N	Starlink 35349	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3114	3128	865836	2025-221P	Starlink 35356	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3115	3129	865837	2025-221Q	Starlink 35314	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3116	3130	865838	2025-221R	Starlink 35324	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3117	3131	865839	2025-221S	Starlink 35102	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3118	3132	865840	2025-221T	Starlink 35364	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3119	3133	865841	2025-221U	Starlink 35238	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3120	3134	865842	2025-221V	Starlink 35298	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3121	3135	865843	2025-221W	Starlink 35301	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3122	3136	865844	2025-221X	Starlink 35148	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3123	3137	865845	2025-221Y	Starlink 35302	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3124	3138	865846	2025-221Z	Starlink 35290	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3125	3139	865847	2025-221AA	Starlink 35262	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3126	3140	865848	2025-221AB	Starlink 35308	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3127	3141	865849	2025-221AC	Starlink 35231	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	258	271	53.16	In Earth orbit
3128	3142	865850	2025-221AD	Starlink 35252	2025 Sep 29 0204:50	2025 Sep 29 0305:00	SPXS	US	257	271	53.16	In Earth orbit
3129	3143	865851	2025-222A	Shiyao 30-01	2025 Sep 29 0300	2025 Sep 29 0310?	SAST	CN	584	590	34.99	In Earth orbit
3130	3144	865852	2025-222B	Shiyao 30-02	2025 Sep 29 0300	2025 Sep 29 0310?	SAST	CN	583	590	35.00	In Earth orbit
3131	3145	865854	2025-223A	Starlink 35208	2025 Oct 3 1406:50	2025 Oct 3 1507:44	SPXS	US	262	274	53.16	In Earth orbit
3132	3146	865855	2025-223B	Starlink 35200	2025 Oct 3 1406:50	2025 Oct 3 1507:44	SPXS	US	262	274	53.16	In Earth orbit
3133	3147	865856	2025-223C	Starlink 35459	2025 Oct 3 1406:50	2025 Oct 3 1507:44	SPXS	US	262	274	53.16	In Earth orbit
3134	3148	865857	2025-223D	Starlink 35489	2025 Oct 3 1406:50	2025 Oct 3 1507:44	SPXS	US	262	274	53.16	In Earth orbit
3135	3149	865858	2025-223E	Starlink 35199	2025 Oct 3 1406:50	2025 Oct 3 1507:44	SPXS	US	262	274	53.16	In Earth orbit
3136	3150	865859	2025-223F	Starlink 35408	2025 Oct 3 1406:50	2025 Oct 3 1507:44	SPXS	US	262	274	53.16	In Earth orbit
3137	3151	865860	2025-223G	Starlink 35303	2025 Oct 3 1406:50	2025 Oct 3 1507:44	SPXS	US	262	274	53.16	In Earth orbit
3138	3152	865861	2025-223H	Starlink 35258	2025 Oct 3 1406:50	2025 Oct 3 1507:44	SPXS	US	262	274	53.16	In Earth orbit
3139	3153	865862	2025-223J	Starlink 35469	2025 Oct 3 1406:50	2025 Oct 3 1507:44	SPXS	US	262	274	53.16	In Earth orbit
3140	3154	865863	2025-223K	Starlink 35386	2025 Oct 3 1406:50	2025 Oct 3 1507:44	SPXS	US	262	274	53.16	In Earth orbit
3141	3155	865864	2025-223L	Starlink 35471	2025 Oct 3 1406:50	2025 Oct 3 1507:44	SPXS	US	261	274	53.16	In Earth orbit
3142	3156	865865	2025-223M	Starlink 35475	2025 Oct 3 1406:50	2025 Oct 3 1507:44	SPXS	US	261	274	53.16	In Earth orbit
3143	3157	865866	2025-223N	Starlink 35312	2025 Oct 3 1406:50	2025 Oct 3 1507:44	SPXS	US	261	274	53.16	In Earth orbit
3144	3158	865867	2025-223P	Starlink 35456	2025 Oct 3 1406:50	2025 Oct 3 1507:44	SPXS	US	261	274	53.16	In Earth orbit
3145	3159	865868	2025-223Q	Starlink 35450	2025 Oct 3 1406:50	2025 Oct 3 1507:44	SPXS	US	261	274	53.16	In Earth orbit
3146	3160	865869	2025-223R	Starlink 35441	2025 Oct 3 1406:50	2025 Oct 3 1507:44	SPXS	US	261	274	53.16	In Earth orbit
3147	3161	865870	2025-223S	Starlink 35433	2025 Oct 3 1406:50	2025 Oct 3 1507:44	SPXS	US	261	274	53.16	In Earth orbit

3214	3214	3214	Starlink 35473	2025 Oct 8 03:54:00	2025 Oct 8 04:54:31	SPXS	US	258	265	53.16	In Earth orbit
3215	3229	3229	Jixing Kuanfu-02B 07	2025 Oct 11 02:20	2025 Oct 11 02:32	CGSTL	CN	529	546	97.59	In Earth orbit
3216	3230	3230	Shutianyuqing-01 shiyan xing	2025 Oct 11 02:20	2025 Oct 11 02:32	SDK	CN	522	542	97.66	In Earth orbit
3217	3231	3231	Shutianyuqing-02 shiyan xing	2025 Oct 11 02:20	2025 Oct 11 02:32	SDK	CN	522	541	97.66	In Earth orbit
3218	3232	3232	Shiyan 31	2025 Oct 13 10:00	2025 Oct 13 10:07	CASST	CN	497	513	80.00	In Earth orbit
3219	3233	3233	Starship FT-11	2025 Oct 13 23:23:45	2025 Oct 13 23:32:43	SPX	US	-1	192	26.40	Orbit insertion
3220	3234	3234	Kuiper-00101	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	459	467	51.88	In Earth orbit
3221	3235	3235	Kuiper-00113	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	457	466	51.88	In Earth orbit
3222	3236	3236	Kuiper-00117	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	458	466	51.88	In Earth orbit
3223	3237	3237	Kuiper-00121	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	460	468	51.88	In Earth orbit
3224	3238	3238	Kuiper-00122	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	460	468	51.88	In Earth orbit
3225	3239	3239	Kuiper-00123	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	459	467	51.88	In Earth orbit
3226	3240	3240	Kuiper-00124	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	460	468	51.88	In Earth orbit
3227	3241	3241	Kuiper-00125	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	459	467	51.88	In Earth orbit
3228	3242	3242	Kuiper-00126	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	460	468	51.88	In Earth orbit
3229	3243	3243	Kuiper-00127	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	458	466	51.88	In Earth orbit
3230	3244	3244	Kuiper-00128	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	459	467	51.88	In Earth orbit
3231	3245	3245	Kuiper-00129	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	459	467	51.88	In Earth orbit
3232	3246	3246	Kuiper-00130	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	459	467	51.88	In Earth orbit
3233	3247	3247	Kuiper-00134	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	460	468	51.88	In Earth orbit
3234	3248	3248	Kuiper-00135	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	459	467	51.88	In Earth orbit
3235	3249	3249	Kuiper-00136	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	458	467	51.88	In Earth orbit
3236	3250	3250	Kuiper-00137	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	459	467	51.88	In Earth orbit
3237	3251	3251	Kuiper-00138	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	460	468	51.88	In Earth orbit
3238	3252	3252	Kuiper-00140	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	460	468	51.88	In Earth orbit
3239	3253	3253	Kuiper-00141	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	459	467	51.88	In Earth orbit
3240	3254	3254	Kuiper-00146	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	459	467	51.88	In Earth orbit
3241	3255	3255	Kuiper-00149	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	458	466	51.88	In Earth orbit
3242	3256	3256	Kuiper-00154	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	458	466	51.88	In Earth orbit
3243	3257	3257	Kuiper-00157	2025 Oct 14 01:58:00	2025 Oct 14 03:00?	KUIP	US	460	468	51.88	In Earth orbit
3244	3258	3258	StarX-5	2025 Oct 14 16:33	2025 Oct 14 17:23:03	SYNSP	J	530	588	41.98	In Earth orbit
3245	3259	3259	SDA-1664	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	944	949	81.30	In Earth orbit
3246	3260	3260	SDA-1665	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	941	948	81.30	In Earth orbit
3247	3261	3261	SDA-1666	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	945	949	81.30	In Earth orbit
3248	3262	3262	SDA-1667	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	943	949	81.30	In Earth orbit
3249	3263	3263	SDA-1668	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	940	948	81.30	In Earth orbit
3250	3264	3264	SDA-1669	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	941	949	81.30	In Earth orbit
3251	3265	3265	SDA-1670	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	944	949	81.30	In Earth orbit
3252	3266	3266	SDA-1671	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	941	948	81.30	In Earth orbit
3253	3267	3267	SDA-1672	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	943	949	81.30	In Earth orbit
3254	3268	3268	SDA-1673	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	940	947	81.30	In Earth orbit
3255	3269	3269	SDA-1674	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	941	948	81.30	In Earth orbit
3256	3270	3270	SDA-1675	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	944	949	81.30	In Earth orbit
3257	3271	3271	SDA-1676	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	945	949	81.30	In Earth orbit
3258	3272	3272	SDA-1677	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	944	949	81.30	In Earth orbit
3259	3273	3273	SDA-1678	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	940	948	81.30	In Earth orbit
3260	3274	3274	SDA-1679	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	941	948	81.30	In Earth orbit
3261	3275	3275	SDA-1680	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	941	949	81.30	In Earth orbit
3262	3276	3276	SDA-1681	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	941	949	81.30	In Earth orbit
3263	3277	3277	SDA-1682	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	943	949	81.30	In Earth orbit
3264	3278	3278	SDA-1683	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	943	949	81.30	In Earth orbit
3265	3279	3279	SDA-1684	2025 Oct 15 23:06:06	2025 Oct 16 00:30?	SDA	US	944	949	81.30	In Earth orbit
3266	3280	3280	WHDW 12-01	2025 Oct 16 01:33:09?	2025 Oct 16 02:15?	ZXW	CN	868	878	50.00	In Earth orbit
3267	3281	3281	WHDW 12-02	2025 Oct 16 01:33:09?	2025 Oct 16 02:15?	ZXW	CN	866	879	50.00	In Earth orbit
3268	3282	3282	WHDW 12-03	2025 Oct 16 01:33:09?	2025 Oct 16 02:15?	ZXW	CN	868	877	50.00	In Earth orbit
3269	3283	3283	WHDW 12-04	2025 Oct 16 01:33:09?	2025 Oct 16 02:15?	ZXW	CN	867	878	50.00	In Earth orbit
3270	3284	3284	WHDW 12-05	2025 Oct 16 01:33:09?	2025 Oct 16 02:15?	ZXW	CN	866	878	50.00	In Earth orbit
3271	3285	3285	WHDW 12-06	2025 Oct 16 01:33:09?	2025 Oct 16 02:15?	ZXW	CN	867	876	50.01	In Earth orbit
3272	3286	3286	WHDW 12-07	2025 Oct 16 01:33:09?	2025 Oct 16 02:15?	ZXW	CN	866	877	50.01	In Earth orbit
3273	3287	3287	WHDW 12-08	2025 Oct 16 01:33:09?	2025 Oct 16 02:15?	ZXW	CN	866	876	50.00	In Earth orbit
3274	3288	3288	WHDW 12-09	2025 Oct 16 01:33:09?	2025 Oct 16 02:15?	ZXW	CN	868	876	50.01	In Earth orbit
3275	3289	3289	Starlink 34849	2025 Oct 16 09:27:10	2025 Oct 16 10:31:22	SPXS	US	260	271	53.16	In Earth orbit
3276	3290	3290	Starlink 35336	2025 Oct 16 09:27:10	2025 Oct 16 10:31:22	SPXS	US	260	271	53.16	In Earth orbit
3277	3291	3291	Starlink 35196	2025 Oct 16 09:27:10	2025 Oct 16 10:31:22	SPXS	US	260	271	53.16	In Earth orbit
3278	3292	3292	Starlink 35236	2025 Oct 16 09:27:10	2025 Oct 16 10:31:22	SPXS	US	260	271	53.16	In Earth orbit
3279	3293	3293	Starlink 35276	2025 Oct 16 09:27:10	2025 Oct 16 10:31:22	SPXS	US	260	271	53.16	In Earth orbit

3280	3294	S66010	2025-232F	Starlink 35297	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	271	53.16	In Earth orbit
3281	3295	S66011	2025-232G	Starlink 35296	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	259	271	53.16	In Earth orbit
3282	3296	S66012	2025-232H	Starlink 35293	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	271	53.16	In Earth orbit
3283	3297	S66013	2025-232J	Starlink 35307	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	271	53.16	In Earth orbit
3284	3298	S66014	2025-232K	Starlink 35395	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	271	53.16	In Earth orbit
3285	3299	S66015	2025-232L	Starlink 34622	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	270	53.16	In Earth orbit
3286	3300	S66016	2025-232M	Starlink 35243	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	270	53.16	In Earth orbit
3287	3301	S66017	2025-232N	Starlink 35398	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	270	53.16	In Earth orbit
3288	3302	S66018	2025-232P	Starlink 35376	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	270	53.16	In Earth orbit
3289	3303	S66019	2025-232Q	Starlink 35382	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	270	53.16	In Earth orbit
3290	3304	S66020	2025-232R	Starlink 35430	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	270	53.16	In Earth orbit
3291	3305	S66021	2025-232S	Starlink 35432	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	270	53.16	In Earth orbit
3292	3306	S66022	2025-232T	Starlink 35340	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	270	53.16	In Earth orbit
3293	3307	S66023	2025-232U	Starlink 35394	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	270	53.16	In Earth orbit
3294	3308	S66024	2025-232V	Starlink 35410	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	270	53.16	In Earth orbit
3295	3309	S66025	2025-232W	Starlink 35280	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	270	53.16	In Earth orbit
3296	3310	S66026	2025-232X	Starlink 34812	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	270	53.16	In Earth orbit
3297	3311	S66027	2025-232Y	Starlink 35341	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	270	53.16	In Earth orbit
3298	3312	S66028	2025-232Z	Starlink 35359	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	270	53.16	In Earth orbit
3299	3313	S66029	2025-232AA	Starlink 35399	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	270	53.16	In Earth orbit
3300	3314	S66030	2025-232AB	Starlink 35431	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	270	53.16	In Earth orbit
3301	3315	S66031	2025-232AC	Starlink 35326	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	270	53.16	In Earth orbit
3302	3316	S66032	2025-232AD	Starlink 35311	2025 Oct 16 0927:10	2025 Oct 16 1031:22	SPXS	US	260	270	53.16	In Earth orbit
3303	3317	S66033	2025-233A	Qianfan Jigui 18-01	2025 Oct 17 0708	2025 Oct 17 0742?	YUANX	CN	794	816	88.99	In Earth orbit
3304	3318	S66034	2025-233B	Qianfan Jigui 18-02	2025 Oct 17 0708	2025 Oct 17 0742?	YUANX	CN	794	816	88.99	In Earth orbit
3305	3319	S66035	2025-233C	Qianfan Jigui 18-03	2025 Oct 17 0708	2025 Oct 17 0742?	YUANX	CN	794	815	88.99	In Earth orbit
3306	3320	S66036	2025-233D	Qianfan Jigui 18-04	2025 Oct 17 0708	2025 Oct 17 0742?	YUANX	CN	794	815	88.99	In Earth orbit
3307	3321	S66037	2025-233E	Qianfan Jigui 18-05	2025 Oct 17 0708	2025 Oct 17 0742?	YUANX	CN	794	815	88.99	In Earth orbit
3308	3322	S66038	2025-233F	Qianfan Jigui 18-06	2025 Oct 17 0708	2025 Oct 17 0742?	YUANX	CN	793	815	88.99	In Earth orbit
3309	3323	S66039	2025-233G	Qianfan Jigui 18-07	2025 Oct 17 0708	2025 Oct 17 0742?	YUANX	CN	793	815	88.99	In Earth orbit
3310	3324	S66040	2025-233H	Qianfan Jigui 18-08	2025 Oct 17 0708	2025 Oct 17 0742?	YUANX	CN	794	815	88.99	In Earth orbit
3311	3325	S66041	2025-233J	Qianfan Jigui 18-09	2025 Oct 17 0708	2025 Oct 17 0742?	YUANX	CN	793	815	88.99	In Earth orbit
3312	3326	S66042	2025-233K	Qianfan Jigui 18-10	2025 Oct 17 0708	2025 Oct 17 0742?	YUANX	CN	793	815	88.99	In Earth orbit
3313	3327	S66043	2025-233L	Qianfan Jigui 18-11	2025 Oct 17 0708	2025 Oct 17 0742?	YUANX	CN	792	813	88.99	In Earth orbit
3314	3328	S66044	2025-233M	Qianfan Jigui 18-12	2025 Oct 17 0708	2025 Oct 17 0742?	YUANX	CN	793	815	88.99	In Earth orbit
3315	3329	S66045	2025-233N	Qianfan Jigui 18-13	2025 Oct 17 0708	2025 Oct 17 0742?	YUANX	CN	793	815	88.99	In Earth orbit
3316	3330	S66046	2025-233P	Qianfan Jigui 18-14	2025 Oct 17 0708	2025 Oct 17 0742?	YUANX	CN	793	814	88.99	In Earth orbit
3317	3331	S66047	2025-233Q	Qianfan Jigui 18-15	2025 Oct 17 0708	2025 Oct 17 0742?	YUANX	CN	793	814	88.99	In Earth orbit
3318	3332	S66048	2025-233R	Qianfan Jigui 18-16	2025 Oct 17 0708	2025 Oct 17 0742?	YUANX	CN	793	814	88.99	In Earth orbit
3319	3333	S66049	2025-233S	Qianfan Jigui 18-17	2025 Oct 17 0708	2025 Oct 17 0742?	YUANX	CN	792	815	88.99	In Earth orbit
3320	3334	S66050	2025-233T	Qianfan Jigui 18-18	2025 Oct 17 0708	2025 Oct 17 0742?	YUANX	CN	792	814	88.99	In Earth orbit
3321	3335	S66053	2025-234A	PRSC-HS1	2025 Oct 19 0333	2025 Oct 19 0345?	SUPA	PK	491	511	97.46	In Earth orbit
3322	3336	S66054	2025-234B	TerraX-01	2025 Oct 19 0333	2025 Oct 19 0345?	TERXP/ZHWK	MY	492	512	97.51	In Earth orbit
3323	3337	S66055	2025-234C	Beihuan-1	2025 Oct 19 0333	2025 Oct 19 0345?	ZHWK	CN	492	512	97.46	In Earth orbit
3324	3338	S66058	2025-235A	Starlink 35552	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	268	53.16	In Earth orbit
3325	3339	S66059	2025-235B	Starlink 35560	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	268	53.16	In Earth orbit
3326	3340	S66060	2025-235C	Starlink 35558	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	268	53.16	In Earth orbit
3327	3341	S66061	2025-235D	Starlink 35566	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	268	53.16	In Earth orbit
3328	3342	S66062	2025-235E	Starlink 35421	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	268	53.16	In Earth orbit
3329	3343	S66063	2025-235F	Starlink 35562	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	268	53.16	In Earth orbit
3330	3344	S66064	2025-235G	Starlink 35542	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	268	53.16	In Earth orbit
3331	3345	S66065	2025-235H	Starlink 35375	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	268	53.16	In Earth orbit
3332	3346	S66066	2025-235J	Starlink 35179	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	268	53.16	In Earth orbit
3333	3347	S66067	2025-235K	Starlink 35401	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	268	53.16	In Earth orbit
3334	3348	S66068	2025-235L	Starlink 35422	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	268	53.16	In Earth orbit
3335	3349	S66069	2025-235M	Starlink 35279	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	268	53.16	In Earth orbit
3336	3350	S66070	2025-235N	Starlink 35295	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	268	53.16	In Earth orbit
3337	3351	S66071	2025-235P	Starlink 35323	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	268	53.16	In Earth orbit
3338	3352	S66072	2025-235Q	Starlink 35299	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	268	53.16	In Earth orbit
3339	3353	S66073	2025-235R	Starlink 35274	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	268	53.16	In Earth orbit
3340	3354	S66074	2025-235S	Starlink 35321	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	268	53.16	In Earth orbit
3341	3355	S66075	2025-235T	Starlink 35131	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	268	53.16	In Earth orbit
3342	3356	S66076	2025-235U	Starlink 34801	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	268	53.16	In Earth orbit
3343	3357	S66077	2025-235V	Starlink 35129	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	267	53.16	In Earth orbit
3344	3358	S66078	2025-235W	Starlink 35116	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	267	53.16	In Earth orbit
3345	3359	S66079	2025-235X	Starlink 35402	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	267	53.16	In Earth orbit

3346	3360	S66080	2025-235Y	Starlink 33525	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	267	53.16	In Earth orbit
3347	3361	S66081	2025-235Z	Starlink 33403	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	267	53.16	In Earth orbit
3348	3362	S66082	2025-235AA	Starlink 33501	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	267	53.16	In Earth orbit
3349	3363	S66083	2025-235AB	Starlink 33291	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	267	53.16	In Earth orbit
3350	3364	S66084	2025-235AC	Starlink 33379	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	267	53.16	In Earth orbit
3351	3365	S66085	2025-235AD	Starlink 33370	2025 Oct 19 1739:40	2025 Oct 19 1843:55	SPXS	US	260	267	53.16	In Earth orbit
3352	3366	S66086	2025-236A	Starlink 33596	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3353	3367	S66087	2025-236B	Starlink 33563	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3354	3368	S66088	2025-236C	Starlink 33461	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3355	3369	S66089	2025-236D	Starlink 33571	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3356	3370	S66090	2025-236E	Starlink 33570	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3357	3371	S66091	2025-236F	Starlink 33532	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3358	3372	S66092	2025-236G	Starlink 33527	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3359	3373	S66093	2025-236H	Starlink 33590	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3360	3374	S66094	2025-236I	Starlink 33528	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3361	3375	S66095	2025-236K	Starlink 33559	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3362	3376	S66096	2025-236L	Starlink 33486	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3363	3377	S66097	2025-236M	Starlink 33613	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3364	3378	S66098	2025-236N	Starlink 33426	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3365	3379	S66099	2025-236P	Starlink 33460	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3366	3380	S66100	2025-236Q	Starlink 33609	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3367	3381	S66101	2025-236R	Starlink 33599	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3368	3382	S66102	2025-236S	Starlink 33599	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3369	3383	S66103	2025-236T	Starlink 33622	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3370	3384	S66104	2025-236U	Starlink 33452	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3371	3385	S66105	2025-236V	Starlink 33561	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3372	3386	S66106	2025-236W	Starlink 33584	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3373	3387	S66107	2025-236X	Starlink 33593	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3374	3388	S66108	2025-236Y	Starlink 33590	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3375	3389	S66109	2025-236Z	Starlink 33545	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	260	271	53.16	In Earth orbit
3376	3390	S66110	2025-236AA	Starlink 33427	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	259	271	53.16	In Earth orbit
3377	3391	S66111	2025-236AB	Starlink 33574	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	259	271	53.16	In Earth orbit
3378	3392	S66112	2025-236AC	Starlink 33531	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	259	271	53.16	In Earth orbit
3379	3393	S66113	2025-236AD	Starlink 33491	2025 Oct 19 1924:00	2025 Oct 19 2024:16	SPXS	US	259	271	53.16	In Earth orbit
3380	3394	S66114	2025-237A	Starlink 33496	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3381	3395	S66115	2025-237B	Starlink 33428	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3382	3396	S66116	2025-237C	Starlink 33573	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3383	3397	S66117	2025-237D	Starlink 33572	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3384	3398	S66118	2025-237E	Starlink 33468	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3385	3399	S66119	2025-237F	Starlink 33547	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3386	3400	S66120	2025-237G	Starlink 33553	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3387	3401	S66121	2025-237H	Starlink 33631	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3388	3402	S66122	2025-237I	Starlink 33653	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3389	3403	S66123	2025-237K	Starlink 33628	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3390	3404	S66124	2025-237L	Starlink 33645	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3391	3405	S66125	2025-237M	Starlink 33648	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3392	3406	S66126	2025-237N	Starlink 33658	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3393	3407	S66127	2025-237P	Starlink 33629	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3394	3408	S66128	2025-237Q	Starlink 33612	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3395	3409	S66129	2025-237R	Starlink 33632	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3396	3410	S66130	2025-237S	Starlink 33637	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3397	3411	S66131	2025-237T	Starlink 33630	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3398	3412	S66132	2025-237U	Starlink 33412	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3399	3413	S66133	2025-237V	Starlink 33520	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3400	3414	S66134	2025-237W	Starlink 33525	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3401	3415	S66135	2025-237X	Starlink 33482	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	271	53.16	In Earth orbit
3402	3416	S66136	2025-237Y	Starlink 33592	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	270	53.16	In Earth orbit
3403	3417	S66137	2025-237Z	Starlink 33576	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	270	53.16	In Earth orbit
3404	3418	S66138	2025-237AA	Starlink 33623	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	270	53.16	In Earth orbit
3405	3419	S66139	2025-237AB	Starlink 33549	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	270	53.16	In Earth orbit
3406	3420	S66140	2025-237AC	Starlink 33625	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	270	53.16	In Earth orbit
3407	3421	S66141	2025-237AD	Starlink 33603	2025 Oct 22 1416:20	2025 Oct 22 1516:39	SPXS	US	258	270	53.16	In Earth orbit
3408	3422	S66142	2025-238A	Tongxin Jisru Shiyun 20	2025 Oct 23 1430	2025 Oct 23 1508?	ZZB/CAST	CN	35780	35793	5.93	In Earth orbit
3409	3423	S66144	2025-239A	Spainsat NG-2	2025 Oct 24 0130:00	2025 Oct 24 0204:10?	HISD	E	409	62984	26.78	In Earth orbit
3410	3424	S66146	2025-239A	Starlink 33318	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	263	275	53.16	In Earth orbit
3411	3425	S66147	2025-240B	Starlink 33948	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	263	275	53.16	In Earth orbit

3412	3426	S66148	2025-240C	Starlink 35081	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	263	275	53.16	In Earth orbit
3413	3427	S66149	2025-240D	Starlink 35601	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	263	275	53.16	In Earth orbit
3414	3428	S66150	2025-240E	Starlink 35605	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	263	275	53.16	In Earth orbit
3415	3429	S66151	2025-240F	Starlink 35540	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	263	275	53.16	In Earth orbit
3416	3430	S66152	2025-240G	Starlink 35455	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	263	275	53.16	In Earth orbit
3417	3431	S66153	2025-240H	Starlink 34752	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	263	275	53.16	In Earth orbit
3418	3432	S66154	2025-240J	Starlink 34625	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	263	275	53.16	In Earth orbit
3419	3433	S66155	2025-240K	Starlink 35580	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	263	275	53.16	In Earth orbit
3420	3434	S66156	2025-240L	Starlink 35621	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	263	275	53.16	In Earth orbit
3421	3435	S66157	2025-240M	Starlink 35594	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	263	275	53.16	In Earth orbit
3422	3436	S66158	2025-240N	Starlink 35587	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	263	275	53.16	In Earth orbit
3423	3437	S66159	2025-240P	Starlink 35586	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	263	275	53.16	In Earth orbit
3424	3438	S66160	2025-240Q	Starlink 35636	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	263	275	53.16	In Earth orbit
3425	3439	S66161	2025-240R	Starlink 35635	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	263	275	53.16	In Earth orbit
3426	3440	S66162	2025-240S	Starlink 35633	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	262	275	53.16	In Earth orbit
3427	3441	S66163	2025-240T	Starlink 35607	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	262	275	53.16	In Earth orbit
3428	3442	S66164	2025-240U	Starlink 35614	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	262	275	53.16	In Earth orbit
3429	3443	S66165	2025-240V	Starlink 35575	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	262	275	53.16	In Earth orbit
3430	3444	S66166	2025-240W	Starlink 35624	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	262	275	53.16	In Earth orbit
3431	3445	S66167	2025-240X	Starlink 35641	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	262	274	53.16	In Earth orbit
3432	3446	S66168	2025-240Y	Starlink 35578	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	262	274	53.16	In Earth orbit
3433	3447	S66169	2025-240Z	Starlink 35598	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	262	274	53.16	In Earth orbit
3434	3448	S66170	2025-240A	Starlink 35638	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	262	274	53.16	In Earth orbit
3435	3449	S66171	2025-240AB	Starlink 35606	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	262	274	53.16	In Earth orbit
3436	3450	S66172	2025-240AC	Starlink 35627	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	262	274	53.16	In Earth orbit
3437	3451	S66173	2025-240AD	Starlink 35634	2025 Oct 25 1420:50	2025 Oct 25 1520:58	SPXS	US	262	274	53.16	In Earth orbit
3438	3452	S66174	2025-241A	HTV-X1	2025 Oct 26 0000:15	2025 Oct 26 0014:18	JAXA	J	347	389	51.63	In Earth orbit
3439	-	T00008	1998-067	HMU-SAT2	2025 Oct 26 0000:15	-	HUS	J	0	0	0.00	Attached to J-SSOD No. 34
3440	-	T00009	1998-067	CORAL	2025 Oct 26 0000:15	-	ROSAF	I	0	0	0.00	Attached to J-SSOD No. 34
3441	-	T00010	1998-067	LEOPARD	2025 Oct 26 0000:15	-	KYUT	J	0	0	0.00	Attached to J-SSOD No. 34
3442	-	T00011	1998-067	Gxibe-1	2025 Oct 26 0000:15	-	UPAEP	MX	0	0	0.00	Attached to J-SSOD No. 34
3443	-	T00012	1998-067	KNACKSAT-2	2025 Oct 26 0000:15	-	UTIM	T	0	0	0.00	Attached to J-SSOD No. 34
3444	-	T00013	1998-067	UTIMSAT-2	2025 Oct 26 0000:15	-	NIHON	MY	0	0	0.00	Attached to J-SSOD No. 34
3445	-	T00015	1998-067	Tenkoh-2	2025 Oct 26 0000:15	-	YWZB	J	0	0	0.00	Attached to H-SSOD No. 1
3446	3453	S66175	2025-242A	Gao Fen 14-02	2025 Oct 26 0450:07	2025 Oct 26 1604:55	SPXS	CN	476	491	97.44	In Earth orbit
3447	3454	S66177	2025-243A	Starlink 35352	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	274	53.16	In Earth orbit
3448	3455	S66178	2025-243B	Starlink 35363	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	275	53.16	In Earth orbit
3449	3456	S66179	2025-243C	Starlink 35346	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	275	53.16	In Earth orbit
3450	3457	S66180	2025-243D	Starlink 35335	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	275	53.16	In Earth orbit
3451	3458	S66181	2025-243E	Starlink 35342	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	275	53.16	In Earth orbit
3452	3459	S66182	2025-243F	Starlink 35333	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	275	53.16	In Earth orbit
3453	3460	S66183	2025-243G	Starlink 35310	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	275	53.16	In Earth orbit
3454	3461	S66184	2025-243H	Starlink 35317	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	275	53.16	In Earth orbit
3455	3462	S66185	2025-243I	Starlink 35377	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	275	53.16	In Earth orbit
3456	3463	S66186	2025-243J	Starlink 35365	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	275	53.16	In Earth orbit
3457	3464	S66187	2025-243L	Starlink 35350	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	275	53.16	In Earth orbit
3458	3465	S66188	2025-243M	Starlink 35041	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	275	53.16	In Earth orbit
3459	3466	S66189	2025-243N	Starlink 35094	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	275	53.16	In Earth orbit
3460	3467	S66190	2025-243P	Starlink 34694	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	275	53.16	In Earth orbit
3461	3468	S66191	2025-243Q	Starlink 35061	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	275	53.16	In Earth orbit
3462	3469	S66192	2025-243R	Starlink 34937	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	275	53.16	In Earth orbit
3463	3470	S66193	2025-243S	Starlink 35197	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	275	53.16	In Earth orbit
3464	3471	S66194	2025-243T	Starlink 35374	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	275	53.16	In Earth orbit
3465	3472	S66195	2025-243U	Starlink 34813	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	275	53.16	In Earth orbit
3466	3473	S66196	2025-243V	Starlink 35409	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	275	53.16	In Earth orbit
3467	3474	S66197	2025-243W	Starlink 35259	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	275	53.16	In Earth orbit
3468	3475	S66198	2025-243X	Starlink 35518	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	274	53.16	In Earth orbit
3469	3476	S66199	2025-243Y	Starlink 35509	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	274	53.16	In Earth orbit
3470	3477	S66200	2025-243Z	Starlink 35551	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	274	53.16	In Earth orbit
3471	3478	S66201	2025-243AA	Starlink 35543	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	274	53.16	In Earth orbit
3472	3479	S66202	2025-243AB	Starlink 35534	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	274	53.16	In Earth orbit
3473	3480	S66203	2025-243AC	Starlink 35548	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	274	53.16	In Earth orbit
3474	3481	S66204	2025-243AD	Starlink 35490	2025 Oct 26 1500:40	2025 Oct 26 1604:55	SPXS	US	263	274	53.16	In Earth orbit
3475	3482	S66206	2025-244A	Starlink 35748	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	262	270	53.16	In Earth orbit
3476	3483	S66207	2025-244B	Starlink 35747	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	262	270	53.16	In Earth orbit
3477	3484	S66208	2025-244C	Starlink 35751	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	262	270	53.16	In Earth orbit

3478	3485	S66209	2025-244D	Starlink 35750	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	262	270	53.16	In Earth orbit
3479	3486	S66210	2025-244E	Starlink 35740	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	262	270	53.16	In Earth orbit
3480	3487	S66211	2025-244F	Starlink 35723	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	262	270	53.16	In Earth orbit
3481	3488	S66212	2025-244G	Starlink 35710	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	262	270	53.16	In Earth orbit
3482	3489	S66213	2025-244H	Starlink 34204	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	262	270	53.16	In Earth orbit
3483	3490	S66214	2025-244I	Starlink 35714	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	262	270	53.16	In Earth orbit
3484	3491	S66215	2025-244K	Starlink 35712	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	261	271	53.16	In Earth orbit
3485	3492	S66216	2025-244L	Starlink 35709	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	262	270	53.16	In Earth orbit
3486	3493	S66217	2025-244M	Starlink 35700	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	262	270	53.16	In Earth orbit
3487	3494	S66218	2025-244N	Starlink 35722	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	262	270	53.16	In Earth orbit
3488	3495	S66219	2025-244P	Starlink 35737	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	262	270	53.16	In Earth orbit
3489	3496	S66220	2025-244Q	Starlink 35677	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	262	271	53.16	In Earth orbit
3490	3497	S66221	2025-244R	Starlink 35704	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	262	271	53.16	In Earth orbit
3491	3498	S66222	2025-244S	Starlink 35666	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	261	271	53.16	In Earth orbit
3492	3499	S66223	2025-244T	Starlink 35664	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	262	271	53.16	In Earth orbit
3493	3500	S66224	2025-244U	Starlink 35733	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	261	271	53.16	In Earth orbit
3494	3501	S66225	2025-244V	Starlink 35734	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	261	271	53.16	In Earth orbit
3495	3502	S66226	2025-244W	Starlink 34466	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	261	271	53.16	In Earth orbit
3496	3503	S66227	2025-244X	Starlink 34882	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	261	271	53.16	In Earth orbit
3497	3504	S66228	2025-244Y	Starlink 35731	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	261	271	53.16	In Earth orbit
3498	3505	S66229	2025-244Z	Starlink 35738	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	261	271	53.16	In Earth orbit
3499	3506	S66230	2025-244AA	Starlink 35736	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	261	271	53.16	In Earth orbit
3500	3507	S66231	2025-244AB	Starlink 35735	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	261	271	53.16	In Earth orbit
3501	3508	S66232	2025-244AC	Starlink 35733	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	261	271	53.16	In Earth orbit
3502	3509	S66233	2025-244AD	Starlink 35626	2025 Oct 28 0043:49	2025 Oct 28 0144:11	SPXS	US	261	271	53.16	In Earth orbit
3503	3510	S66234	2025-245A	Starlink 35537	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3504	3511	S66235	2025-245B	Starlink 35541	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3505	3512	S66236	2025-245C	Starlink 35454	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3506	3513	S66237	2025-245D	Starlink 35557	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3507	3514	S66238	2025-245E	Starlink 35556	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	271	53.16	In Earth orbit
3508	3515	S66239	2025-245F	Starlink 35554	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3509	3516	S66240	2025-245G	Starlink 35546	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3510	3517	S66241	2025-245H	Starlink 35497	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3511	3518	S66242	2025-245I	Starlink 35480	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3512	3519	S66243	2025-245K	Starlink 35495	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3513	3520	S66244	2025-245L	Starlink 35517	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3514	3521	S66245	2025-245M	Starlink 35503	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3515	3522	S66246	2025-245N	Starlink 35434	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3516	3523	S66247	2025-245P	Starlink 35481	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3517	3524	S66248	2025-245Q	Starlink 35416	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3518	3525	S66249	2025-245R	Starlink 35304	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3519	3526	S66250	2025-245S	Starlink 35338	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3520	3527	S66251	2025-245T	Starlink 35485	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3521	3528	S66252	2025-245U	Starlink 35483	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3522	3529	S66253	2025-245V	Starlink 35486	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3523	3530	S66254	2025-245W	Starlink 35488	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3524	3531	S66255	2025-245X	Starlink 35616	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3525	3532	S66256	2025-245Y	Starlink 35619	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3526	3533	S66257	2025-245Z	Starlink 35615	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3527	3534	S66258	2025-245AA	Starlink 34650	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3528	3535	S66259	2025-245AB	Starlink 35529	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3529	3536	S66260	2025-245AC	Starlink 35420	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3530	3537	S66261	2025-245AD	Starlink 35536	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3531	3538	S66262	2025-245AE	Starlink 35487	2025 Oct 29 1635:20	2025 Oct 29 1739:21	SPXS	US	264	270	53.16	In Earth orbit
3532	3539	S66263	2025-246A	Shenzhou 21	2025 Oct 31 1544:46	2025 Oct 31 1554:26	CMSFO	CN	383	392	41.47	Landed
3533	3540	S66265	2025-247A	Starlink 35801	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	259	271	53.16	In Earth orbit
3534	3541	S66266	2025-247B	Starlink 35056	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	259	271	53.16	In Earth orbit
3535	3542	S66267	2025-247C	Starlink 35550	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	259	271	53.16	In Earth orbit
3536	3543	S66268	2025-247D	Starlink 35069	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	259	271	53.16	In Earth orbit
3537	3544	S66269	2025-247E	Starlink 34910	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	259	270	53.16	In Earth orbit
3538	3545	S66270	2025-247F	Starlink 35757	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	259	270	53.16	In Earth orbit
3539	3546	S66271	2025-247G	Starlink 35745	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	259	271	53.16	In Earth orbit
3540	3547	S66272	2025-247H	Starlink 35741	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	259	270	53.16	In Earth orbit
3541	3548	S66273	2025-247J	Starlink 35730	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	259	270	53.16	In Earth orbit
3542	3549	S66274	2025-247K	Starlink 35760	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	259	270	53.16	In Earth orbit
3543	3550	S66275	2025-247L	Starlink 35762	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	259	270	53.16	In Earth orbit

3544	3551	866276	2025-247M	Starlink 35742	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	259	270	53.16	In Earth orbit
3545	3552	866277	2025-247N	Starlink 35708	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	259	270	53.16	In Earth orbit
3546	3553	866278	2025-247P	Starlink 35713	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	259	270	53.16	In Earth orbit
3547	3554	866279	2025-247Q	Starlink 35724	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	259	270	53.16	In Earth orbit
3548	3555	866280	2025-247R	Starlink 35726	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	259	270	53.16	In Earth orbit
3549	3556	866281	2025-247S	Starlink 35727	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	259	270	53.16	In Earth orbit
3550	3557	866282	2025-247T	Starlink 35776	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	259	270	53.16	In Earth orbit
3551	3558	866283	2025-247U	Starlink 35774	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	259	270	53.16	In Earth orbit
3552	3559	866284	2025-247V	Starlink 35830	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	258	270	53.16	In Earth orbit
3553	3560	866285	2025-247W	Starlink 35819	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	258	270	53.16	In Earth orbit
3554	3561	866286	2025-247X	Starlink 35783	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	258	270	53.16	In Earth orbit
3555	3562	866287	2025-247Y	Starlink 34884	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	258	270	53.16	In Earth orbit
3556	3563	866288	2025-247Z	Starlink 34896	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	258	270	53.16	In Earth orbit
3557	3564	866289	2025-247AA	Starlink 35802	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	258	270	53.16	In Earth orbit
3558	3565	866290	2025-247AB	Starlink 35799	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	258	270	53.16	In Earth orbit
3559	3566	866291	2025-247AC	Starlink 35800	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	258	270	53.16	In Earth orbit
3560	3567	866292	2025-247AD	Starlink 35798	2025 Oct 31 2041:10	2025 Oct 31 2141:37	SPXS	US	258	270	53.16	In Earth orbit
3561	3568	866293	2025-248A	ADD-425-5	2025 Nov 2 0509:59	2025 Nov 2 0522	DAPA	KR	570	573	42.41	In Earth orbit
3562	3569	866294	2025-248B	? TAURUS 1	2025 Nov 2 0509:59	2025 Nov 2 0619	TURKS	TR	511	512	45.40	In Earth orbit
3563	3570	866295	2025-248C	? TAURUS 2	2025 Nov 2 0509:59	2025 Nov 2 0619	TURKS	TR	505	509	45.41	In Earth orbit
3564	3571	866296	2025-248D	? TAURUS 3	2025 Nov 2 0509:59	2025 Nov 2 0619	TURKS	TR	491	513	45.41	In Earth orbit
3565	3572	866297	2025-248E	? TAURUS 4	2025 Nov 2 0509:59	2025 Nov 2 0619	TURKS	TR	501	511	45.41	In Earth orbit
3566	3573	866298	2025-248F	? Semi-2	2025 Nov 2 0509:59	2025 Nov 2 0622	FERG	UNK	502	511	45.41	In Earth orbit
3567	3574	866299	2025-248G	FCN-100-d2	2025 Nov 2 0509:59	2025 Nov 2 0621	SP42	UAE	498	510	45.40	In Earth orbit
3568	3575	866300	2025-248H	Foresight-3	2025 Nov 2 0509:59	2025 Nov 2 0622	SP42	UAE	497	509	45.40	In Earth orbit
3569	3576	866301	2025-248J	Foresight-4	2025 Nov 2 0509:59	2025 Nov 2 0623	SP42	UAE	498	509	45.40	In Earth orbit
3570	3577	866302	2025-248K	Foresight-5	2025 Nov 2 0509:59	2025 Nov 2 0623	SP42	UAE	510	512	45.41	In Earth orbit
3571	3578	866303	2025-248L	Starcloud-1	2025 Nov 2 0509:59	2025 Nov 2 0623	STARCL	UNK	508	512	45.40	In Earth orbit
3572	3579	866304	2025-248M	? CEVROSAT	2025 Nov 2 0509:59	2025 Nov 2 0619	CEVRO	CZ	508	510	45.40	In Earth orbit
3573	3580	866305	2025-248N	? Semi-1	2025 Nov 2 0509:59	2025 Nov 2 0621	UNK	UNK	509	512	45.40	In Earth orbit
3574	3581	866306	2025-248P	? Lemur-2 Affre-Wauwie	2025 Nov 2 0509:59	2025 Nov 2 0620	SPIRE	US	508	512	45.40	In Earth orbit
3575	3582	866307	2025-248Q	? Semi-3	2025 Nov 2 0509:59	2025 Nov 2 0619	UNK	UNK	508	512	45.40	In Earth orbit
3576	3583	866308	2025-248R	Tomorrow-S8	2025 Nov 2 0509:59	2025 Nov 2 0620	TOMIO	US	507	512	45.40	In Earth orbit
3577	3584	866309	2025-248S	Tomorrow-S9	2025 Nov 2 0509:59	2025 Nov 2 0621	TOMIO	US	497	509	45.40	In Earth orbit
3578	3585	866312	2025-248T	Haven-Demo	2025 Nov 2 0509:59	2025 Nov 2 0620	VASTSP	US	506	512	45.41	In Earth orbit
3579	3586	866311	2025-249B	CMS-03	2025 Nov 2 1156	2025 Nov 2 1212	ISRO	IN	35770	35804	0.17	In Earth orbit
3580	3587	866313	2025-250A	Yogan 46	2025 Nov 3 0347	2025 Nov 3 0400?	ZLZB	CN	7494	7498	20.04	In Earth orbit
3581	3588	866315	2025-251A	Sentinel-ID	2025 Nov 4 2102	2025 Nov 4 2135:37	COPERN/ESA	I-EU	693	696	98.19	In Earth orbit
3582	3589	866316	2025-252A	Yachihoko-1	2025 Nov 5 1951	2025 Nov 5 2041	QPS	J	568	582	42.00	In Earth orbit
3583	3590	866319	2025-253A	Starlink 35442	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3584	3591	866320	2025-253B	Starlink 34616	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3585	3592	866321	2025-253C	Starlink 34615	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3586	3593	866322	2025-253D	Starlink 35292	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3587	3594	866323	2025-253E	Starlink 35309	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3588	3595	866324	2025-253F	Starlink 35506	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3589	3596	866325	2025-253G	Starlink 35504	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3590	3597	866326	2025-253H	Starlink 35479	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3591	3598	866327	2025-253I	Starlink 35507	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3592	3599	866328	2025-253J	Starlink 35460	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3593	3600	866329	2025-253L	Starlink 35505	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3594	3601	866330	2025-253M	Starlink 35512	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3595	3602	866331	2025-253N	Starlink 35527	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3596	3603	866332	2025-253P	Starlink 35322	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3597	3604	866333	2025-253Q	Starlink 35400	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3598	3605	866334	2025-253R	Starlink 35407	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3599	3606	866335	2025-253S	Starlink 35417	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3600	3607	866336	2025-253T	Starlink 35404	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3601	3608	866337	2025-253U	Starlink 34783	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3602	3609	866338	2025-253V	Starlink 35477	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3603	3610	866339	2025-253W	Starlink 35443	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	259	270	43.00	In Earth orbit
3604	3611	866340	2025-253X	Starlink 35218	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3605	3612	866341	2025-253Y	Starlink 35522	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	260	270	43.00	In Earth orbit
3606	3613	866342	2025-253Z	Starlink 35535	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	259	270	43.00	In Earth orbit
3607	3614	866343	2025-253AA	Starlink 35467	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	259	270	43.00	In Earth orbit
3608	3615	866344	2025-253AB	Starlink 35511	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	259	270	43.00	In Earth orbit
3609	3616	866345	2025-253AC	Starlink 35440	2025 Nov 6 0131:10	2025 Nov 6 0236:20	SPXS	US	259	270	43.00	In Earth orbit

3610	3617	866346	2025-253AD	Starlink 35482	2025 Nov 6 01:31:10	2025 Nov 6 02:36:20	SPXS	US	259	270	43.00	In Earth orbit
3611	3618	866347	2025-253AE	Starlink 35438	2025 Nov 6 01:31:10	2025 Nov 6 02:36:20	SPXS	US	259	270	43.00	In Earth orbit
3612	3619	866348	2025-254A	Starlink 35849	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	261	262	53.16	In Earth orbit
3613	3620	866349	2025-254B	Starlink 35848	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	261	262	53.16	In Earth orbit
3614	3621	866350	2025-254C	Starlink 35829	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	261	262	53.16	In Earth orbit
3615	3622	866351	2025-254D	Starlink 35828	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	261	262	53.16	In Earth orbit
3616	3623	866352	2025-254E	Starlink 35850	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	260	262	53.16	In Earth orbit
3617	3624	866353	2025-254F	Starlink 35869	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	260	262	53.16	In Earth orbit
3618	3625	866354	2025-254G	Starlink 35895	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	260	262	53.16	In Earth orbit
3619	3626	866355	2025-254H	Starlink 35861	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	260	261	53.16	In Earth orbit
3620	3627	866356	2025-254I	Starlink 35851	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	260	261	53.16	In Earth orbit
3621	3628	866357	2025-254K	Starlink 35817	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	260	261	53.16	In Earth orbit
3622	3629	866358	2025-254L	Starlink 35807	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	260	261	53.16	In Earth orbit
3623	3630	866359	2025-254M	Starlink 35805	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	260	261	53.16	In Earth orbit
3624	3631	866360	2025-254N	Starlink 35823	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	259	261	53.16	In Earth orbit
3625	3632	866361	2025-254P	Starlink 35813	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	260	261	53.16	In Earth orbit
3626	3633	866362	2025-254Q	Starlink 35822	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	259	261	53.16	In Earth orbit
3627	3634	866363	2025-254R	Starlink 35806	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	259	261	53.16	In Earth orbit
3628	3635	866364	2025-254S	Starlink 35797	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	259	261	53.16	In Earth orbit
3629	3636	866365	2025-254T	Starlink 35827	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	259	261	53.16	In Earth orbit
3630	3637	866366	2025-254U	Starlink 35846	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	259	261	53.16	In Earth orbit
3631	3638	866367	2025-254V	Starlink 35846	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	259	261	53.16	In Earth orbit
3632	3639	866368	2025-254W	Starlink 34861	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	258	261	53.16	In Earth orbit
3633	3640	866369	2025-254X	Starlink 35795	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	258	261	53.16	In Earth orbit
3634	3641	866370	2025-254Y	Starlink 35824	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	258	261	53.16	In Earth orbit
3635	3642	866371	2025-254Z	Starlink 35804	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	258	261	53.16	In Earth orbit
3636	3643	866372	2025-254AA	Starlink 35821	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	258	261	53.16	In Earth orbit
3637	3644	866373	2025-254AB	Starlink 35809	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	257	261	53.16	In Earth orbit
3638	3645	866374	2025-254AC	Starlink 35831	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	257	261	53.16	In Earth orbit
3639	3646	866375	2025-254AD	Starlink 35826	2025 Nov 6 21:13:50	2025 Nov 6 22:14:32	SPXS	US	257	261	53.16	In Earth orbit
3640	3647	866376	2025-255A	Shiyan 32-01	2025 Nov 8 21:01	2025 Nov 8 21:20?	CASC	CN	433	451	53.00	In Earth orbit
3641	3648	866378	2025-255C	Shiyan 32-02	2025 Nov 8 21:01	2025 Nov 8 21:20?	CASC	CN	431	451	53.00	In Earth orbit
3642	3649	866379	2025-255D	Shiyan 32-03	2025 Nov 8 21:01	2025 Nov 8 21:20?	CASC	CN	430	450	53.00	In Earth orbit
3643	3650	866409	2025-255E	Chutian xingzuo 2-01 xing	2025 Nov 9 03:32	2025 Nov 9 03:45?	CASIC	CN	713	731	98.28	In Earth orbit
3644	3651	866410	2025-256A	Chutian xingzuo 2-02 xing	2025 Nov 9 03:32	2025 Nov 9 03:45?	CASIC	CN	713	731	98.28	In Earth orbit
3645	3652	866380	2025-257A	Starlink 35139	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	269	269	53.16	In Earth orbit
3646	3653	866381	2025-257B	Starlink 35158	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	269	53.16	In Earth orbit
3647	3654	866382	2025-257C	Starlink 35639	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	269	53.16	In Earth orbit
3648	3655	866383	2025-257D	Starlink 35690	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	269	53.16	In Earth orbit
3649	3656	866384	2025-257E	Starlink 35662	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	269	53.16	In Earth orbit
3650	3657	866385	2025-257F	Starlink 35659	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	269	53.16	In Earth orbit
3651	3658	866386	2025-257G	Starlink 35651	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	269	53.16	In Earth orbit
3652	3659	866387	2025-257H	Starlink 35661	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	269	53.16	In Earth orbit
3653	3660	866388	2025-257I	Starlink 35647	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	269	53.16	In Earth orbit
3654	3661	866389	2025-257K	Starlink 35694	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	269	53.16	In Earth orbit
3655	3662	866390	2025-257L	Starlink 35665	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	269	53.16	In Earth orbit
3656	3663	866391	2025-257M	Starlink 35656	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	269	53.16	In Earth orbit
3657	3664	866392	2025-257N	Starlink 35671	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	269	53.16	In Earth orbit
3658	3665	866393	2025-257P	Starlink 35652	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	269	53.16	In Earth orbit
3659	3666	866394	2025-257Q	Starlink 35672	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	269	53.16	In Earth orbit
3660	3667	866395	2025-257R	Starlink 35681	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	269	53.16	In Earth orbit
3661	3668	866396	2025-257S	Starlink 35669	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	269	53.16	In Earth orbit
3662	3669	866397	2025-257T	Starlink 35510	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	269	53.16	In Earth orbit
3663	3670	866398	2025-257U	Starlink 35642	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	268	53.16	In Earth orbit
3664	3671	866399	2025-257V	Starlink 35657	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	268	53.16	In Earth orbit
3665	3672	866400	2025-257W	Starlink 35667	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	268	53.16	In Earth orbit
3666	3673	866401	2025-257X	Starlink 35668	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	268	53.16	In Earth orbit
3667	3674	866402	2025-257Y	Starlink 35662	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	268	53.16	In Earth orbit
3668	3675	866403	2025-257Z	Starlink 35602	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	268	53.16	In Earth orbit
3669	3676	866404	2025-257AA	Starlink 35691	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	268	53.16	In Earth orbit
3670	3677	866405	2025-257AB	Starlink 35683	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	268	53.16	In Earth orbit
3671	3678	866406	2025-257AC	Starlink 34840	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	268	53.16	In Earth orbit
3672	3679	866407	2025-257AD	Starlink 35686	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	268	53.16	In Earth orbit
3673	3680	866408	2025-257AE	Starlink 35679	2025 Nov 9 08:10:10	2025 Nov 9 09:14:10	SPXS	US	259	268	53.16	In Earth orbit
3674	3681	866412	2025-258A	WHDW 13-01	2025 Nov 10 02:41:56	2025 Nov 10 03:05?	ZXW	CN	795	815	50.00	In Earth orbit
3675	3682	866413	2025-258B	WHDW 13-02	2025 Nov 10 02:41:56	2025 Nov 10 03:05?	ZXW	CN	795	814	50.00	In Earth orbit

3676	3683	366414	2025-258C	WHDW 13-03	2025 Nov 10 02:41:56	2025 Nov 10 03:05?	ZXW	CN	795	814	50.00	In Earth orbit
3677	3684	366415	2025-258D	WHDW 13-04	2025 Nov 10 02:41:56	2025 Nov 10 03:05?	ZXW	CN	795	814	50.01	In Earth orbit
3678	3685	366416	2025-258E	WHDW 13-05	2025 Nov 10 02:41:56	2025 Nov 10 03:05?	ZXW	CN	795	813	50.01	In Earth orbit
3679	3686	366417	2025-258F	WHDW 13-06	2025 Nov 10 02:41:56	2025 Nov 10 03:05?	ZXW	CN	795	812	50.00	In Earth orbit
3680	3687	366418	2025-258G	WHDW 13-07	2025 Nov 10 02:41:56	2025 Nov 10 03:05?	ZXW	CN	795	813	50.00	In Earth orbit
3681	3688	366419	2025-258H	WHDW 13-08	2025 Nov 10 02:41:56	2025 Nov 10 03:05?	ZXW	CN	795	812	50.00	In Earth orbit
3682	3689	366420	2025-258J	WHDW 13-09	2025 Nov 10 02:41:56	2025 Nov 10 03:05?	ZXW	CN	795	811	50.00	In Earth orbit
3683	3690	366422	2025-259A	Starlink 33617	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	260	265	43.00	In Earth orbit
3684	3691	366423	2025-259B	Starlink 33618	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	265	43.00	In Earth orbit
3685	3692	366424	2025-259C	Starlink 33588	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	265	43.00	In Earth orbit
3686	3693	366425	2025-259D	Starlink 33555	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	260	265	43.00	In Earth orbit
3687	3694	366426	2025-259E	Starlink 33559	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	260	265	43.00	In Earth orbit
3688	3695	366427	2025-259F	Starlink 33611	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	265	43.00	In Earth orbit
3689	3696	366428	2025-259G	Starlink 33610	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	260	265	43.00	In Earth orbit
3690	3697	366429	2025-259H	Starlink 33533	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	265	43.00	In Earth orbit
3691	3698	366430	2025-259I	Starlink 33470	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	265	43.00	In Earth orbit
3692	3699	366431	2025-259K	Starlink 33439	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	265	43.00	In Earth orbit
3693	3700	366432	2025-259L	Starlink 33446	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	265	43.00	In Earth orbit
3694	3701	366433	2025-259M	Starlink 33457	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	265	43.00	In Earth orbit
3695	3702	366434	2025-259N	Starlink 33589	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	265	43.00	In Earth orbit
3696	3703	366435	2025-259P	Starlink 33502	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	265	43.00	In Earth orbit
3697	3704	366436	2025-259Q	Starlink 33501	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	264	43.00	In Earth orbit
3698	3705	366437	2025-259R	Starlink 33474	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	264	43.00	In Earth orbit
3699	3706	366438	2025-259S	Starlink 33481	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	264	43.00	In Earth orbit
3700	3707	366439	2025-259T	Starlink 33327	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	264	43.00	In Earth orbit
3701	3708	366440	2025-259U	Starlink 33405	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	264	43.00	In Earth orbit
3702	3709	366441	2025-259V	Starlink 33426	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	264	43.00	In Earth orbit
3703	3710	366442	2025-259W	Starlink 33472	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	264	43.00	In Earth orbit
3704	3711	366443	2025-259X	Starlink 33519	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	264	43.00	In Earth orbit
3705	3712	366444	2025-259Y	Starlink 33530	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	263	43.00	In Earth orbit
3706	3713	366445	2025-259Z	Starlink 33498	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	264	43.00	In Earth orbit
3707	3714	366446	2025-259AA	Starlink 34986	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	264	43.00	In Earth orbit
3708	3715	366447	2025-259AB	Starlink 34851	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	259	263	43.00	In Earth orbit
3709	3716	366448	2025-259AC	Starlink 33535	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	258	263	43.00	In Earth orbit
3710	3717	366449	2025-259AD	Starlink 33470	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	258	263	43.00	In Earth orbit
3711	3718	366450	2025-259AE	Starlink 33334	2025 Nov 11 03:21:30	2025 Nov 11 04:26:38	SPXS	US	258	263	43.00	In Earth orbit
3712	3719	366451	2025-260A	ESCAPADE Blue	2025 Nov 13 20:55	2025 Nov 13 21:28	UCB/NASA	US	199	3971603	29.53	In Earth orbit
3713	3720	366452	2025-260B	ESCAPADE Gold	2025 Nov 13 20:55	2025 Nov 13 21:28	UCB/NASA	US	199	3971603	29.53	In Earth orbit
3714	3721	366453	2025-260C	Viasat-3 Demo	2025 Nov 13 20:55	-	VIA	US	263	-3770753	29.64	Sun to New Glenn GS2 F2
3715	3722	366454	2025-261A	Viasat-3 EMEA	2025 Nov 14 06:36	2025 Nov 15 04:13:20	SPXS	US	14008	25631	5.20	In Earth orbit
3716	3723	366455	2025-262A	Starlink 33643	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	268	43.00	In Earth orbit
3717	3724	366456	2025-262B	Starlink 33466	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	268	43.00	In Earth orbit
3718	3725	366458	2025-262C	Starlink 33684	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	269	43.00	In Earth orbit
3719	3726	366459	2025-262D	Starlink 33449	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	268	43.00	In Earth orbit
3720	3727	366460	2025-262E	Starlink 33424	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	268	43.00	In Earth orbit
3721	3728	366461	2025-262F	Starlink 33132	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	268	43.00	In Earth orbit
3722	3729	366462	2025-262G	Starlink 33499	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	268	43.00	In Earth orbit
3723	3730	366463	2025-262H	Starlink 33463	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	268	43.00	In Earth orbit
3724	3731	366464	2025-262I	Starlink 33435	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	268	43.00	In Earth orbit
3725	3732	366465	2025-262K	Starlink 33448	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	268	43.00	In Earth orbit
3726	3733	366466	2025-262L	Starlink 33588	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	268	43.00	In Earth orbit
3727	3734	366467	2025-262M	Starlink 33682	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	268	43.00	In Earth orbit
3728	3735	366468	2025-262N	Starlink 33531	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	268	43.00	In Earth orbit
3729	3736	366469	2025-262P	Starlink 33541	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	268	43.00	In Earth orbit
3730	3737	366470	2025-262Q	Starlink 33538	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	268	43.00	In Earth orbit
3731	3738	366471	2025-262R	Starlink 33569	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	268	43.00	In Earth orbit
3732	3739	366472	2025-262S	Starlink 33567	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	268	43.00	In Earth orbit
3733	3740	366473	2025-262T	Starlink 33568	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	268	43.00	In Earth orbit
3734	3741	366474	2025-262U	Starlink 33620	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	268	43.00	In Earth orbit
3735	3742	366475	2025-262V	Starlink 33538	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	268	43.00	In Earth orbit
3736	3743	366476	2025-262W	Starlink 33572	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	260	268	43.00	In Earth orbit
3737	3744	366477	2025-262X	Starlink 33554	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	259	268	43.00	In Earth orbit
3738	3745	366478	2025-262Y	Starlink 33283	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	259	268	43.00	In Earth orbit
3739	3746	366479	2025-262Z	Starlink 33581	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	259	268	43.00	In Earth orbit
3740	3747	366480	2025-262AA	Starlink 33670	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	259	268	43.00	In Earth orbit
3741	3748	366481	2025-262AB	Starlink 33569	2025 Nov 15 03:08:10	2025 Nov 15 04:13:20	SPXS	US	259	268	43.00	In Earth orbit

3742	3749	S66482	2025-262AC	Starlink 35648	2025 Nov 15 0308:10	2025 Nov 15 0413:20	SPXS	US	259	268	43.00	In Earth orbit
3743	3750	S66483	2025-262AD	Starlink 35648	2025 Nov 15 0308:10	2025 Nov 15 0413:20	SPXS	US	259	268	43.00	In Earth orbit
3744	3751	S66484	2025-262AE	Starlink 35371	2025 Nov 15 0308:10	2025 Nov 15 0413:20	SPXS	US	259	268	43.00	In Earth orbit
3745	3752	S66485	2025-263A	Starlink 34774	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3746	3753	S66486	2025-263B	Starlink 34744	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3747	3754	S66487	2025-263C	Starlink 34833	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3748	3755	S66488	2025-263D	Starlink 35515	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3749	3756	S66489	2025-263E	Starlink 35696	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3750	3757	S66490	2025-263F	Starlink 35693	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3751	3758	S66491	2025-263G	Starlink 35663	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3752	3759	S66492	2025-263H	Starlink 35673	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3753	3760	S66493	2025-263I	Starlink 35597	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3754	3761	S66494	2025-263K	Starlink 35689	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3755	3762	S66495	2025-263L	Starlink 35832	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3756	3763	S66496	2025-263M	Starlink 35909	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3757	3764	S66497	2025-263N	Starlink 35899	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3758	3765	S66498	2025-263P	Starlink 35907	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3759	3766	S66499	2025-263Q	Starlink 35816	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3760	3767	S66500	2025-263R	Starlink 35894	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3761	3768	S66501	2025-263S	Starlink 35897	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3762	3769	S66502	2025-263T	Starlink 35922	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3763	3770	S66503	2025-263U	Starlink 35917	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3764	3771	S66504	2025-263V	Starlink 35916	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3765	3772	S66505	2025-263W	Starlink 34766	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3766	3773	S66506	2025-263X	Starlink 34765	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3767	3774	S66507	2025-263Y	Starlink 34767	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	258	267	43.00	In Earth orbit
3768	3775	S66508	2025-263Z	Starlink 35608	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	257	267	43.00	In Earth orbit
3769	3776	S66509	2025-263AA	Starlink 35598	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	257	267	43.00	In Earth orbit
3770	3777	S66510	2025-263AB	Starlink 35600	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	257	267	43.00	In Earth orbit
3771	3778	S66511	2025-263AC	Starlink 35444	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	257	267	43.00	In Earth orbit
3772	3779	S66512	2025-263AD	Starlink 35366	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	257	267	43.00	In Earth orbit
3773	3780	S66513	2025-263AE	Starlink 35692	2025 Nov 15 0644:20	2025 Nov 15 0726:05	SPXS	US	257	267	43.00	In Earth orbit
3774	3781	S66514	2025-264A	Sentinel-6B	2025 Nov 17 0521:32	2025 Nov 17 0618:41	COPERNICUS	US	1308	1327	66.05	In Earth orbit
3775	3782	S66516	2025-265A	Starlink 35924	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	262	265	43.00	In Earth orbit
3776	3783	S66517	2025-265B	Starlink 35937	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	271	43.00	In Earth orbit
3777	3784	S66518	2025-265C	Starlink 35962	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	271	43.00	In Earth orbit
3778	3785	S66519	2025-265D	Starlink 35931	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	271	43.00	In Earth orbit
3779	3786	S66520	2025-265E	Starlink 35952	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	271	43.00	In Earth orbit
3780	3787	S66521	2025-265F	Starlink 35915	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	270	43.00	In Earth orbit
3781	3788	S66522	2025-265G	Starlink 35946	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	270	43.00	In Earth orbit
3782	3789	S66523	2025-265H	Starlink 35969	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	270	43.00	In Earth orbit
3783	3790	S66524	2025-265I	Starlink 35687	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	271	43.00	In Earth orbit
3784	3791	S66525	2025-265J	Starlink 35975	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	270	43.00	In Earth orbit
3785	3792	S66526	2025-265K	Starlink 35932	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	262	270	43.01	In Earth orbit
3786	3793	S66527	2025-265M	Starlink 35935	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	262	270	43.00	In Earth orbit
3787	3794	S66528	2025-265N	Starlink 35928	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	270	43.00	In Earth orbit
3788	3795	S66529	2025-265P	Starlink 35933	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	270	43.00	In Earth orbit
3789	3796	S66530	2025-265Q	Starlink 35961	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	270	43.00	In Earth orbit
3790	3797	S66531	2025-265R	Starlink 35960	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	270	43.00	In Earth orbit
3791	3798	S66532	2025-265S	Starlink 35914	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	270	43.00	In Earth orbit
3792	3799	S66533	2025-265T	Starlink 35707	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	270	43.01	In Earth orbit
3793	3800	S66534	2025-265U	Starlink 35976	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	270	43.01	In Earth orbit
3794	3801	S66535	2025-265V	Starlink 35514	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	270	43.01	In Earth orbit
3795	3802	S66536	2025-265W	Starlink 35640	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	270	43.01	In Earth orbit
3796	3803	S66537	2025-265X	Starlink 35582	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	270	43.01	In Earth orbit
3797	3804	S66538	2025-265Y	Starlink 35577	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	270	43.01	In Earth orbit
3798	3805	S66539	2025-265Z	Starlink 35697	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	270	43.01	In Earth orbit
3799	3806	S66540	2025-265AA	Starlink 35818	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	270	43.01	In Earth orbit
3800	3807	S66541	2025-265AB	Starlink 35796	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	270	43.01	In Earth orbit
3801	3808	S66542	2025-265AC	Starlink 35833	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	270	43.01	In Earth orbit
3802	3809	S66543	2025-265AD	Starlink 35315	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	261	270	43.01	In Earth orbit
3803	3810	S66544	2025-265AE	Starlink 35728	2025 Nov 19 0012:20	2025 Nov 19 0034:10	SPXS	US	260	270	43.01	In Earth orbit
3804	3811	S66545	2025-266A	Shi Jian 30A	2025 Nov 19 0401	2025 Nov 19 0412?	CASC?	CN	510	528	51.80	In Earth orbit
3805	3812	S66546	2025-266B	Shi Jian 30B	2025 Nov 19 0401	2025 Nov 19 0412?	CASC?	CN	511	528	51.80	In Earth orbit
3806	3813	S66547	2025-266C	Shi Jian 30C	2025 Nov 19 0401	2025 Nov 19 0412?	CASC?	CN	512	528	51.80	In Earth orbit
3807	3814	S66554	2025-267A	Global-33	2025 Nov 20 1243	2025 Nov 20 1335?	BSKG	US	468	477	42.02	In Earth orbit

3808	3815	S66557	2025-268A	Starlink 35699	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	263	272	43.00	In Earth orbit
3809	3816	S66558	2025-268B	Starlink 35695	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	263	272	43.00	In Earth orbit
3810	3817	S66559	2025-268C	Starlink 35419	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	263	272	43.00	In Earth orbit
3811	3818	S66560	2025-268D	Starlink 35411	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	263	272	43.00	In Earth orbit
3812	3819	S66561	2025-268E	Starlink 35305	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	263	272	43.00	In Earth orbit
3813	3820	S66562	2025-268F	Starlink 35579	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	263	272	43.00	In Earth orbit
3814	3821	S66563	2025-268G	Starlink 35437	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	263	272	43.00	In Earth orbit
3815	3822	S66564	2025-268H	Starlink 35538	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	263	272	43.00	In Earth orbit
3816	3823	S66565	2025-268I	Starlink 35893	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	263	272	43.00	In Earth orbit
3817	3824	S66566	2025-268J	Starlink 35871	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	262	272	43.00	In Earth orbit
3818	3825	S66567	2025-268K	Starlink 35825	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	262	272	43.00	In Earth orbit
3819	3826	S66568	2025-268M	Starlink 35803	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	262	272	43.00	In Earth orbit
3820	3827	S66569	2025-268N	Starlink 35835	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	262	272	43.00	In Earth orbit
3821	3828	S66570	2025-268P	Starlink 35834	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	262	272	43.00	In Earth orbit
3822	3829	S66571	2025-268Q	Starlink 35836	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	262	272	43.00	In Earth orbit
3823	3830	S66572	2025-268R	Starlink 35870	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	262	272	43.00	In Earth orbit
3824	3831	S66573	2025-268S	Starlink 35650	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	262	272	43.00	In Earth orbit
3825	3832	S66574	2025-268T	Starlink 35812	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	262	271	43.00	In Earth orbit
3826	3833	S66575	2025-268U	Starlink 35810	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	262	271	43.00	In Earth orbit
3827	3834	S66576	2025-268V	Starlink 35814	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	262	271	43.00	In Earth orbit
3828	3835	S66577	2025-268W	Starlink 35815	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	262	271	43.00	In Earth orbit
3829	3836	S66578	2025-268X	Starlink 35743	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	262	271	43.00	In Earth orbit
3830	3837	S66579	2025-268Y	Starlink 35668	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	262	271	43.00	In Earth orbit
3831	3838	S66580	2025-268Z	Starlink 35872	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	262	271	43.00	In Earth orbit
3832	3839	S66581	2025-268AA	Starlink 35744	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	262	271	43.00	In Earth orbit
3833	3840	S66582	2025-268AB	Starlink 35746	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	262	271	43.00	In Earth orbit
3834	3841	S66583	2025-268AC	Starlink 35941	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	262	271	43.00	In Earth orbit
3835	3842	S66584	2025-268AD	Starlink 35593	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	262	271	43.00	In Earth orbit
3836	3843	S66585	2025-268AE	Starlink 35963	2025 Nov 21 0339:30	2025 Nov 21 0444:33	SPXS	US	262	271	43.00	In Earth orbit
3837	3844	S66586	2025-268A	Tongxin Jishu Shiyun 21	2025 Nov 21 1055	2025 Nov 21 1120?	ZZB/SAST	CN	2100	38259	63.28	In Earth orbit
3838	3845	S66588	2025-270A	Starlink 36076	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3839	3846	S66589	2025-270B	Starlink 35447	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3840	3847	S66590	2025-270C	Starlink 35429	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3841	3848	S66591	2025-270D	Starlink 36058	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3842	3849	S66592	2025-270E	Starlink 36066	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3843	3850	S66593	2025-270F	Starlink 36031	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3844	3851	S66594	2025-270G	Starlink 36032	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3845	3852	S66595	2025-270H	Starlink 35711	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3846	3853	S66596	2025-270J	Starlink 35811	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3847	3854	S66597	2025-270K	Starlink 35820	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3848	3855	S66598	2025-270L	Starlink 35981	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3849	3856	S66599	2025-270M	Starlink 35930	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3850	3857	S66600	2025-270N	Starlink 35980	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3851	3858	S66601	2025-270P	Starlink 35978	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3852	3859	S66602	2025-270Q	Starlink 36050	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3853	3860	S66603	2025-270R	Starlink 36048	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3854	3861	S66604	2025-270S	Starlink 35977	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3855	3862	S66605	2025-270T	Starlink 36052	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3856	3863	S66606	2025-270U	Starlink 36063	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3857	3864	S66607	2025-270V	Starlink 35993	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3858	3865	S66608	2025-270W	Starlink 36036	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3859	3866	S66609	2025-270X	Starlink 36034	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3860	3867	S66610	2025-270Y	Starlink 35680	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3861	3868	S66611	2025-270Z	Starlink 35583	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3862	3869	S66612	2025-270AA	Starlink 36039	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3863	3870	S66613	2025-270AB	Starlink 36037	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3864	3871	S66614	2025-270AC	Starlink 36040	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3865	3872	S66615	2025-270AD	Starlink 35988	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3866	3873	S66616	2025-270AE	Starlink 35391	2025 Nov 22 0753:50	2025 Nov 22 0858:56	SPXS	US	263	272	43.00	In Earth orbit
3867	3874	S66617	2025-271A	Starlink 35940	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3868	3875	S66618	2025-271B	Starlink 35970	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3869	3876	S66619	2025-271C	Starlink 35951	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3870	3877	S66620	2025-271D	Starlink 35936	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3871	3878	S66621	2025-271E	Starlink 35847	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3872	3879	S66622	2025-271F	Starlink 35950	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3873	3880	S66623	2025-271G	Starlink 35920	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit

3874	S66624	2025-271H	Starlink 35927	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3875	S66625	2025-271J	Starlink 35929	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3876	S66626	2025-271K	Starlink 35902	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3877	S66627	2025-271L	Starlink 35904	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3878	S66628	2025-271M	Starlink 35862	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3879	S66629	2025-271N	Starlink 35956	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	Reentered
3880	S66630	2025-271P	Starlink 35949	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3881	S66631	2025-271Q	Starlink 35965	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3882	S66632	2025-271R	Starlink 35973	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3883	S66633	2025-271S	Starlink 35948	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3884	S66634	2025-271T	Starlink 35967	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3885	S66635	2025-271U	Starlink 35955	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3886	S66636	2025-271V	Starlink 35968	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3887	S66637	2025-271W	Starlink 35953	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3888	S66638	2025-271X	Starlink 35978	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3889	S66639	2025-271Y	Starlink 35908	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3890	S66640	2025-271Z	Starlink 35921	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3891	S66641	2025-271AA	Starlink 35923	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3892	S66642	2025-271AB	Starlink 35926	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3893	S66643	2025-271AC	Starlink 35918	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3894	S66644	2025-271AD	Starlink 35938	2025 Nov 23 0848:00	2025 Nov 23 0948:19	SPXS	US	256	268	53.16	In Earth orbit
3895	S66645	2025-271A	Shenzhou 22	2025 Nov 25 0411:45	2025 Nov 25 0421:25	CMSEO	CN	374	385	41.47	Attached to CZ-2F Y22 Stage 2
3896	S66647	2025-273A	Kosmos-2597	2025 Nov 25 1342	2025 Nov 25 1345?	VVKOV	RU	1491	1504	82.50	In Earth orbit
3897	S66648	2025-273B	Kosmos-2598	2025 Nov 25 1342	2025 Nov 25 1345?	VVKOV	RU	1490	1503	82.50	In Earth orbit
3898	S66649	2025-273C	Kosmos-2599	2025 Nov 25 1342	2025 Nov 25 1345?	VVKOV	RU	1492	1506	82.50	In Earth orbit
3899	S66650	2025-274A	Bicheon	2025 Nov 26 1613:00	2025 Nov 26 1628:07	SPLINT	KR	584	599	97.74	In Earth orbit
3900	S66651	2025-274B	E3 TESTER KARI-1	2025 Nov 26 1613:00	2025 Nov 26 1628:27	KARI	KR	585	600	97.74	In Earth orbit
3901	S66652	2025-274C	COSMIC	2025 Nov 26 1613:00	2025 Nov 26 1627:07	UZURO	KR	583	600	97.74	In Earth orbit
3902	S66653	2025-274D	Sejong-4	2025 Nov 26 1613:00	2025 Nov 26 1627:49	HANCOM	KR	584	598	97.73	In Earth orbit
3903	S66654	2025-274E	JACK-003	2025 Nov 26 1613:00	2025 Nov 26 1627:07	COSMW	KR	582	600	97.74	In Earth orbit
3904	S66655	2025-274F	CASS000-3	2025 Nov 26 1613:00	2025 Nov 26 1626:27	KAIST	KR	585	600	97.74	In Earth orbit
3905	S66656	2025-274G	ETRISat	2025 Nov 26 1613:00	2025 Nov 26 1628:27	ETRI	KR	583	600	97.74	In Earth orbit
3906	S66657	2025-274H	SPRONE	2025 Nov 26 1613:00	2025 Nov 26 1626:47	SEJU	KR	578	598	97.74	In Earth orbit
3907	S66658	2025-274J	PERSAT01	2025 Nov 26 1613:00	2025 Nov 26 1626:47	QUAT	KR	581	598	97.74	In Earth orbit
3908	S66659	2025-274K	JACK-004	2025 Nov 26 1613:00	2025 Nov 26 1627:30	COSMW	KR	582	598	97.74	In Earth orbit
3909	S66660	2025-274L	INHA-RoSAT	2025 Nov 26 1613:00	2025 Nov 26 1627:30	SNU	KR	579	598	97.74	In Earth orbit
3910	S66661	2025-274M	Hana	2025 Nov 26 1613:00	2025 Nov 26 1628:07	SNU	KR	580	598	97.74	In Earth orbit
3911	S66662	2025-274N	K-HERO	2025 Nov 26 1613:00	2025 Nov 26 1627:49	KAIST	KR	578	598	97.74	In Earth orbit
3912	T00017	2025-274Q	Duri	2025 Nov 26 1613:00	-	SNU	KR	0	0	0.00	Attached to Hana
3913	S66664	2025-275A	Soyuz MS-28	2025 Nov 27 0927:57	2025 Nov 27 0936:46	RKKE	RU	173	193	51.66	Attached to Soyuz-2-1a No. 071 Blok-I
3914	S66666	2025-276A	Formosat-8A	2025 Nov 28 1844:30	2025 Nov 28 2104:26	TASA	TW	563	568	97.66	In Earth orbit
3915	S66667	2025-276B	Pelican 5	2025 Nov 28 1844:30	2025 Nov 28 2005:00	PLAN	US	512	515	97.44	In Earth orbit
3916	S66668	2025-276C	ION Galactic Georgius	2025 Nov 28 1844:30	2025 Nov 28 2006:23	DORBIT	I	508	511	97.44	In Earth orbit
3917	S66669	2025-276D	Beatrice Tinsley	2025 Nov 28 1844:30	2025 Nov 28 2008:14	URUGUS	UY	508	512	97.44	In Earth orbit
3918	S66670	2025-276E	Hunty	2025 Nov 28 1844:30	2025 Nov 28 1939:48	BME	HU	512	519	97.44	In Earth orbit
3919	S66671	2025-276F	Black Kite 1	2025 Nov 28 1844:30	2025 Nov 28 1939:30	TASA/RAPTEK	TW	511	518	97.44	In Earth orbit
3920	S66672	2025-276G	BRO-17	2025 Nov 28 1844:30	2025 Nov 28 1939:12	UNSEEN	F	512	514	97.44	In Earth orbit
3921	S66673	2025-276H	ION Stellar Stephanus	2025 Nov 28 1844:30	2025 Nov 28 2008:23	DORBIT	I	507	511	97.44	In Earth orbit
3922	S66674	2025-276I	BRO-20	2025 Nov 28 1844:30	2025 Nov 28 1939:23	UNSEEN	F	509	519	97.43	In Earth orbit
3923	S66675	2025-276K	Suri 1	2025 Nov 28 1844:30	2025 Nov 28 1939:48	SAUDSA	SA	511	518	97.44	In Earth orbit
3924	S66676	2025-276L	Suri 2	2025 Nov 28 1844:30	2025 Nov 28 1939:48	SAUDSA	SA	512	518	97.44	In Earth orbit
3925	S66677	2025-276M	ANISCSAT	2025 Nov 28 1844:30	2025 Nov 28 1939:48	AZIER	AZ	511	516	97.44	In Earth orbit
3926	S66678	2025-276N	Lemur-2 Teodor	2025 Nov 28 1844:30	2025 Nov 28 1940:07	SPIRE	US	512	518	97.44	In Earth orbit
3927	S66679	2025-276P	Lilium 2	2025 Nov 28 1844:30	2025 Nov 28 1940:12	NCKU	TW	510	517	97.43	In Earth orbit
3928	S66680	2025-276Q	Lemur-2 DeanAndMeave	2025 Nov 28 1844:30	2025 Nov 28 1939:50	SPIRE	US	512	518	97.44	In Earth orbit
3929	S66681	2025-276R	MICE-1	2025 Nov 28 1844:30	2025 Nov 28 1941:24	PRISMA/ELKED	GR	510	517	97.43	In Earth orbit
3930	S66682	2025-276S	Phasma-Lamarr	2025 Nov 28 1844:30	2025 Nov 28 1942:14	LIBRE/ELKED	GR	512	516	97.45	In Earth orbit
3931	S66683	2025-276T	6GStarLab	2025 Nov 28 1844:30	2025 Nov 28 1940:28	IZCAT	E	511	518	97.45	In Earth orbit
3932	S66684	2025-276U	Accenture-1	2025 Nov 28 1844:30	2025 Nov 28 1940:29	ACCRES/OCOS	IE	511	517	97.45	In Earth orbit
3933	S66685	2025-276V	LEO Express 3	2025 Nov 28 1844:30	2025 Nov 28 2003:45	IMPUL	US	511	512	97.44	In Earth orbit
3934	S66686	2025-276W	Lemur-2 Stas-Gorbuk	2025 Nov 28 1844:30	2025 Nov 28 1943:13	SPIRE	US	508	512	97.45	In Earth orbit
3935	S66687	2025-276X	Oter	2025 Nov 28 1844:30	2025 Nov 28 1940:51	DLR	D	510	521	97.44	In Earth orbit
3936	S66688	2025-276Y	WISDOM A	2025 Nov 28 1844:30	2025 Nov 28 1942:55	C3S	HU	512	516	97.44	In Earth orbit
3937	S66689	2025-276Z	ACI-003	2025 Nov 28 1844:30	2025 Nov 28 2003:47	BAG/INBAE	UK	510	512	97.44	In Earth orbit
3938	S66690	2025-276AA	SPIN 2	2025 Nov 28 1844:30	2025 Nov 28 1941:08	SPLINL	L	512	517	97.44	In Earth orbit
3939	S66691	2025-276AB	TRYAD 1	2025 Nov 28 1844:30	2025 Nov 28 1941:10	AUBU/UAH	US	511	516	97.44	In Earth orbit

3940	3946	S66692	2025-276AC	?	Yvonne Brill	2025 Nov 28 1844:30	2025 Nov 28 2003:35	URUCUS	UY	510	512	97.44	In Earth orbit
3941	3947	S66693	2025-276AD	?	TRYAD 2	2025 Nov 28 1844:30	2025 Nov 28 1939:34	AUBU/UAH	US	512	519	97.44	In Earth orbit
3942	3948	S66694	2025-276AE		YAM-9	2025 Nov 28 1844:30	2025 Nov 28 2004:45	LOFT/EDA	US	512	514	97.44	In Earth orbit
3943	3949	S66695	2025-276AF		IRIDE-MSI-Eaglet-2-1	2025 Nov 28 1844:30	2025 Nov 28 1944:42	ASI/OHBI	I	512	517	97.44	In Earth orbit
3944	3950	S66696	2025-276AG		IRIDE-MSI-Eaglet-2-2	2025 Nov 28 1844:30	2025 Nov 28 1947:39	ASI/OHBI	I	512	515	97.44	In Earth orbit
3945	3951	S66697	2025-276AH		IRIDE-MSI-Eaglet-2-3	2025 Nov 28 1844:30	2025 Nov 28 1945:27	ASI/OHBI	I	511	512	97.44	In Earth orbit
3946	3952	S66698	2025-276AJ		IRIDE-MSI-Eaglet-2-4	2025 Nov 28 1844:30	2025 Nov 28 1945:22	ASI/OHBI	I	512	515	97.44	In Earth orbit
3947	3953	S66699	2025-276AK		IRIDE-MSI-Eaglet-2-5	2025 Nov 28 1844:30	2025 Nov 28 1944:52	ASI/OHBI	I	511	516	97.44	In Earth orbit
3948	3954	S66700	2025-276AL		IRIDE-MSI-Eaglet-2-6	2025 Nov 28 1844:30	2025 Nov 28 1945:37	ASI/OHBI	I	510	512	97.44	In Earth orbit
3949	3955	S66701	2025-276AM		IRIDE-MSI-Eaglet-2-7	2025 Nov 28 1844:30	2025 Nov 28 1947:24	ASI/OHBI	I	511	511	97.44	In Earth orbit
3950	3956	S66702	2025-276AN		IRIDE-MSI-Eaglet-2-8	2025 Nov 28 1844:30	2025 Nov 28 1946:51	ASI/OHBI	I	511	512	97.45	In Earth orbit
3951	3957	S66703	2025-276AP		Pelican 6	2025 Nov 28 1844:30	2025 Nov 28 2004:56	PLAN	US	513	516	97.44	In Earth orbit
3952	3958	S66704	2025-276AQ		Flock 4h-1	2025 Nov 28 1844:30	2025 Nov 28 1957:27	PLAN	US	512	513	97.44	In Earth orbit
3953	3959	S66705	2025-276AR		Flock 4h-2	2025 Nov 28 1844:30	2025 Nov 28 1949:59	PLAN	US	512	513	97.44	In Earth orbit
3954	3960	S66706	2025-276AS		Flock 4h-3	2025 Nov 28 1844:30	2025 Nov 28 1948:04	PLAN	US	512	517	97.45	In Earth orbit
3955	3961	S66707	2025-276AT		Flock 4h-4	2025 Nov 28 1844:30	2025 Nov 28 1944:37	PLAN	US	512	518	97.44	In Earth orbit
3956	3962	S66708	2025-276AU		Flock 4h-5	2025 Nov 28 1844:30	2025 Nov 28 1942:47	PLAN	US	511	513	97.44	In Earth orbit
3957	3963	S66709	2025-276AV		Flock 4h-6	2025 Nov 28 1844:30	2025 Nov 28 1958:41	PLAN	US	511	514	97.45	In Earth orbit
3958	3964	S66710	2025-276AW		Flock 4h-7	2025 Nov 28 1844:30	2025 Nov 28 2000:35	PLAN	US	513	516	97.44	In Earth orbit
3959	3965	S66711	2025-276AX		Flock 4h-8	2025 Nov 28 1844:30	2025 Nov 28 1959:22	PLAN	US	512	517	97.45	In Earth orbit
3960	3966	S66712	2025-276AY		Flock 4h-9	2025 Nov 28 1844:30	2025 Nov 28 2002:33	PLAN	US	511	515	97.45	In Earth orbit
3961	3967	S66713	2025-276AZ		Flock 4h-10	2025 Nov 28 1844:30	2025 Nov 28 1941:26	PLAN	US	512	517	97.44	In Earth orbit
3962	3968	S66714	2025-276BA		Flock 4h-11	2025 Nov 28 1844:30	2025 Nov 28 2003:11	PLAN	US	512	517	97.45	In Earth orbit
3963	3969	S66715	2025-276BB		Flock 4h-12	2025 Nov 28 1844:30	2025 Nov 28 2001:12	PLAN	US	512	513	97.44	In Earth orbit
3964	3970	S66716	2025-276BC		Flock 4h-13	2025 Nov 28 1844:30	2025 Nov 28 1942:38	PLAN	US	512	512	97.45	In Earth orbit
3965	3971	S66717	2025-276BD		Flock 4h-14	2025 Nov 28 1844:30	2025 Nov 28 1942:28	PLAN	US	512	512	97.45	In Earth orbit
3966	3972	S66718	2025-276BE		Flock 4h-15	2025 Nov 28 1844:30	2025 Nov 28 1951:34	PLAN	US	512	518	97.44	In Earth orbit
3967	3973	S66719	2025-276BF		Flock 4h-16	2025 Nov 28 1844:30	2025 Nov 28 1947:37	PLAN	US	512	517	97.45	In Earth orbit
3968	3974	S66720	2025-276BG		Flock 4h-17	2025 Nov 28 1844:30	2025 Nov 28 1954:26	PLAN	US	511	514	97.45	In Earth orbit
3969	3975	S66721	2025-276BH		Flock 4h-18	2025 Nov 28 1844:30	2025 Nov 28 1952:12	PLAN	US	512	518	97.44	In Earth orbit
3970	3976	S66722	2025-276BI		Flock 4h-19	2025 Nov 28 1844:30	2025 Nov 28 1953:26	PLAN	US	511	513	97.44	In Earth orbit
3971	3977	S66723	2025-276BK		Flock 4h-20	2025 Nov 28 1844:30	2025 Nov 28 1953:57	PLAN	US	511	513	97.45	In Earth orbit
3972	3978	S66724	2025-276BL		Flock 4h-21	2025 Nov 28 1844:30	2025 Nov 28 1957:11	PLAN	US	511	513	97.44	In Earth orbit
3973	3979	S66725	2025-276BM		Flock 4h-22	2025 Nov 28 1844:30	2025 Nov 28 1956:15	PLAN	US	512	517	97.44	In Earth orbit
3974	3980	S66726	2025-276BN		Flock 4h-23	2025 Nov 28 1844:30	2025 Nov 28 1944:00	PLAN	US	512	518	97.45	In Earth orbit
3975	3981	S66727	2025-276BP		Flock 4h-24	2025 Nov 28 1844:30	2025 Nov 28 1955:07	PLAN	US	512	517	97.45	In Earth orbit
3976	3982	S66728	2025-276BQ		Flock 4h-25	2025 Nov 28 1844:30	2025 Nov 28 1941:37	PLAN	US	511	512	97.44	In Earth orbit
3977	3983	S66729	2025-276BR		Flock 4h-26	2025 Nov 28 1844:30	2025 Nov 28 1943:46	PLAN	US	512	518	97.44	In Earth orbit
3978	3984	S66730	2025-276BS		Flock 4h-27	2025 Nov 28 1844:30	2025 Nov 28 1945:06	PLAN	US	512	513	97.44	In Earth orbit
3979	3985	S66731	2025-276BT		Flock 4h-28	2025 Nov 28 1844:30	2025 Nov 28 1943:58	PLAN	US	512	518	97.44	In Earth orbit
3980	3986	S66732	2025-276BU		Flock 4h-29	2025 Nov 28 1844:30	2025 Nov 28 1950:50	PLAN	US	512	517	97.44	In Earth orbit
3981	3987	S66733	2025-276BV		Flock 4h-30	2025 Nov 28 1844:30	2025 Nov 28 1950:50	PLAN	US	512	518	97.45	In Earth orbit
3982	3988	S66734	2025-276BW		Flock 4h-31	2025 Nov 28 1844:30	2025 Nov 28 1947:58	PLAN	US	512	517	97.44	In Earth orbit
3983	3989	S66735	2025-276BX		Flock 4h-32	2025 Nov 28 1844:30	2025 Nov 28 1947:14	PLAN	US	512	518	97.45	In Earth orbit
3984	3990	S66736	2025-276BY		Flock 4h-33	2025 Nov 28 1844:30	2025 Nov 28 1949:38	PLAN	US	511	513	97.45	In Earth orbit
3985	3991	S66737	2025-276BZ		Flock 4h-34	2025 Nov 28 1844:30	2025 Nov 28 1949:49	PLAN	US	511	513	97.45	In Earth orbit
3986	3992	S66738	2025-276CA		Flock 4h-35	2025 Nov 28 1844:30	2025 Nov 28 1949:22	PLAN	US	511	512	97.45	In Earth orbit
3987	3993	S66739	2025-276CB		Flock 4h-36	2025 Nov 28 1844:30	2025 Nov 28 1950:00	PLAN	US	511	514	97.45	In Earth orbit
3988	3994	S66740	2025-276CC	?	HCT-SA12	2025 Nov 28 1844:30	2025 Nov 28 1940:51	HCT/MBRSC	UAE	512	517	97.44	In Earth orbit
3989	3995	S66741	2025-276CD	?	WISDOM B	2025 Nov 28 1844:30	2025 Nov 28 1942:55	C3S	HU	512	517	97.44	In Earth orbit
3990	3996	S66742	2025-276CE		Mercury One	2025 Nov 28 1844:30	2025 Nov 28 2005:36	PROTE	US	509	512	97.44	In Earth orbit
3991	3997	S66743	2025-276CF		Melina Furman	2025 Nov 28 1844:30	2025 Nov 28 2005:14	URUGUS	UY	509	512	97.44	In Earth orbit
3992	3998	S66744	2025-276CG		AC1-401	2025 Nov 28 1844:30	2025 Nov 28 2005:22	BAEG/INSBAE	UK	508	512	97.44	In Earth orbit
3993	3999	S66745	2025-276CH		AC1-402	2025 Nov 28 1844:30	2025 Nov 28 2008:11	BAEG/INSBAE	UK	508	512	97.44	In Earth orbit
3994	4000	S66746	2025-276CI	?	Phasma-Diarc	2025 Nov 28 1844:30	2025 Nov 28 1942:25	LIBRE/ELKED	GR	512	516	97.44	In Earth orbit
3995	4001	S66747	2025-276CK		W-5	2025 Nov 28 1844:30	2025 Nov 28 2009:05	VARDA	US	510	512	97.44	In Earth orbit
3996	4002	S66748	2025-276CL		Umbra-11	2025 Nov 28 1844:30	2025 Nov 28 2004:53	UMBRA	US	511	514	97.44	In Earth orbit
3997	4003	S66749	2025-276CM		PIAST-S1	2025 Nov 28 1844:30	2025 Nov 28 2004:10	WAT	PL	510	512	97.44	In Earth orbit
3998	4004	S66750	2025-276CN	?	CTC-1C	2025 Nov 28 1844:30	2025 Nov 28 1944:12	SPCOIN/ARROW	PL	512	516	97.45	In Earth orbit
3999	4005	S66751	2025-276CP		ICEYE-X58	2025 Nov 28 1844:30	2025 Nov 28 2004:00	ICEYE	FI	512	515	97.44	In Earth orbit
4000	4006	S66752	2025-276CQ		MikroSAR	2025 Nov 28 1844:30	2025 Nov 28 2010:05	MON/WKL	PL	511	513	97.44	In Earth orbit
4001	4007	S66753	2025-276CR		ICEYE-X60	2025 Nov 28 1844:30	2025 Nov 28 2003:25	ICEYE	FI	511	514	97.44	In Earth orbit
4002	4008	S66754	2025-276CS		ICEYE-X61	2025 Nov 28 1844:30	2025 Nov 28 2005:13	ICEYE	FI	512	516	97.44	In Earth orbit
4003	4009	S66755	2025-276CT		ICEYE-X62	2025 Nov 28 1844:30	2025 Nov 28 2005:50	ICEYE	FI	512	513	97.44	In Earth orbit
4004	4010	S66756	2025-276CU		MAUVE	2025 Nov 28 1844:30	2025 Nov 28 1944:57	BLSKSP	UK	508	512	97.44	In Earth orbit
4005	4011	S66757	2025-276CV		PIAST-S2	2025 Nov 28 1844:30	2025 Nov 28 1944:44	WAT	PL	511	513	97.45	In Earth orbit

4006	4012	S66758	2025-276CW	PIAST-M	2025 Nov 28 1844:30	2025 Nov 28 1944:15	WAT	PL	511	512	97.44	In Earth orbit
4007	4013	S66759	2025-276CX	Very-0G	2025 Nov 28 1844:30	2025 Nov 28 1941:08	CAREWX	US	513	515	97.44	In Earth orbit
4008	4014	S66760	2025-276CY	AE5RA	2025 Nov 28 1844:30	2025 Nov 28 1946:12	ARKE	J	510	512	97.44	In Earth orbit
4009	4015	S66761	2025-276CZ	AE5RB	2025 Nov 28 1844:30	2025 Nov 28 1946:43	ARKE	J	509	511	97.44	In Earth orbit
4010	4016	S66762	2025-276DA	HydroGNSS-1	2025 Nov 28 1844:30	2025 Nov 28 2004:02	ESA	I-ESA	513	514	97.44	In Earth orbit
4011	4017	S66763	2025-276DB	HydroGNSS-2	2025 Nov 28 1844:30	2025 Nov 28 2007:32	ESA	I-ESA	512	514	97.44	In Earth orbit
4012	4018	S66764	2025-276DC	Nahla	2025 Nov 28 1844:30	2025 Nov 28 2004:37	ASPLB	B	511	513	97.44	In Earth orbit
4013	4019	S66765	2025-276DD	AE5RC	2025 Nov 28 1844:30	2025 Nov 28 1942:46	ARKE	J	513	515	97.44	In Earth orbit
4014	4020	S66766	2025-276DE	Bellbird-1	2025 Nov 28 1844:30	2025 Nov 28 1941:22	TASA/TRON	TW	511	515	97.44	In Earth orbit
4015	4021	S66767	2025-276DF	CTC-1B	2025 Nov 28 1844:30	2025 Nov 28 1943:35	SPCOIN/ARROW	US	511	514	97.45	In Earth orbit
4016	4022	S66768	2025-276DG	PW-6U	2025 Nov 28 1844:30	2025 Nov 28 1941:21	SATRV	PL	512	515	97.44	In Earth orbit
4017	4023	S66769	2025-276DH	Speqtre	2025 Nov 28 1844:30	2025 Nov 28 1940:36	RAU/SPEQ	UK	511	516	97.44	In Earth orbit
4018	4024	S66770	2025-276DI	Lithium 3	2025 Nov 28 1844:30	2025 Nov 28 1942:05	NCKU	TW	507	511	97.44	In Earth orbit
4019	4025	S66771	2025-276DJ	Gyeongsat-1	2025 Nov 28 1844:30	2025 Nov 28 1940:46	NARAST	KR	512	517	97.45	In Earth orbit
4020	4026	S66772	2025-276DL	IHH-SAT-2	2025 Nov 28 1844:30	2025 Nov 28 1939:19	IHIC	J	507	511	97.45	In Earth orbit
4021	4027	S66773	2025-276DM	CTC-1A	2025 Nov 28 1844:30	2025 Nov 28 1941:36	SPCOIN/ARROW	US	512	512	97.44	In Earth orbit
4022	4028	S66774	2025-276DN	Gena-OE-1	2025 Nov 28 1844:30	2025 Nov 28 1939:57	OROKA/UBWM	D	512	519	97.44	In Earth orbit
4023	4029	S66775	2025-276DP	PHI-1	2025 Nov 28 1844:30	2025 Nov 28 1939:28	MBRSC	UAE	509	519	97.43	In Earth orbit
4024	4030	S66776	2025-276DQ	Lemur-2 Laila	2025 Nov 28 1844:30	2025 Nov 28 1939:41	SPIRE	US	510	518	97.44	In Earth orbit
4025	4031	S66777	2025-276DR	Luna-1	2025 Nov 28 1844:30	2025 Nov 28 1940:26	ASELSN	FI	511	517	97.45	In Earth orbit
4026	4032	S66778	2025-276DS	Foresail-1 Prime	2025 Nov 28 1844:30	2025 Dec	AALTO	TR	514	518	97.44	In Earth orbit
4027	4033	S67483	2025-276DT	TORO2	2025 Nov 28 1844:30	2025 Nov 28 1939:09	TASA/PYRAS	TW	566	578	97.55	In Earth orbit
4028	4034	A11697	2025-276DV	RS-S7	2025 Nov 28 1844:30	2025 Nov 28 2127:40	JSC	US	-79	568	97.60	Deorbited
4029	4035	T00018	2025-276EH	FCN-TUG-S01	2025 Nov 28 1844:30	2025 Nov 28 2005:43	FERG	TR	508	512	97.45	In Earth orbit
4030	4036	T00019	2025-276DT	FRG-IOD1	2025 Nov 28 1844:30	2025 Dec 6 0845	FERG	TR	0	0	0.00	In Earth orbit
4031	4037	T00020	2025-276DW	WISESAT-5	2025 Nov 28 1844:30	2025 Dec?	WISEK/FOSSA	CH	0	0	0.00	In Earth orbit
4032	4038	T00021	2025-276DX	WISESAT-6	2025 Nov 28 1844:30	2025 Dec?	WISEK/FOSSA	CH	0	0	0.00	In Earth orbit
4033	-	T00022	2025-276DY	WISESAT-7	2025 Nov 28 1844:30	-	WISEK/FOSSA	CH	0	0	0.00	Attached to Mira dispenser
4034	4039	T00023	2025-276DZ	3UCUBED-A	2025 Nov 28 1844:30	-	UNH	US	514	518	97.44	In Earth orbit
4035	-	T00024	2025-276EA	Lacuna-3	2025 Nov 28 1844:30	-	SPIRE/LACU	US	0	0	0.00	Attached to ION SCV-021 dispenser
4036	-	T00025	2025-276EB	Lacuna-4	2025 Nov 28 1844:30	-	SPIRE/LACU	US	0	0	0.00	Attached to ION SCV-021 dispenser
4037	-	T00026	2025-276EC	Lacuna-5	2025 Nov 28 1844:30	-	SPIRE/LACU	US	0	0	0.00	Attached to ION SCV-022 dispenser
4038	-	T00027	2025-276ED	Lacuna-6	2025 Nov 28 1844:30	-	SPIRE/LACU	US	0	0	0.00	Attached to ION SCV-022 dispenser
4039	-	T00028	2025-276EE	Lemur-2 Starflight	2025 Nov 28 1844:30	-	SPIRE	US	0	0	0.00	Attached to ION SCV-021 dispenser
4040	-	T00029	2025-276EF	Lemur-2 Tarifflette	2025 Nov 28 1844:30	-	SPIRE	US	0	0	0.00	Attached to ION SCV-021 dispenser
4041	-	T00030	2025-276EG	Lemur-2 Hospur-Tom	2025 Nov 28 1844:30	-	SPIRE	US	0	0	0.00	Attached to ION SCV-021 dispenser
4042	4040	S66549	2025-277A	Shi Jan 28	2025 Nov 30 1220	2025 Nov 30 1242?	ZLJB	CN	35783	35789	5.02	In Earth orbit
4043	4041	S66791	2025-278A	Starlink 33867	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	260	262	43.00	In Earth orbit
4044	4042	S66792	2025-278B	Starlink 33990	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	259	262	43.00	In Earth orbit
4045	4043	S66793	2025-278C	Starlink 36051	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	259	261	43.00	In Earth orbit
4046	4044	S66794	2025-278D	Starlink 36062	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	259	262	43.00	In Earth orbit
4047	4045	S66795	2025-278E	Starlink 36047	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	259	261	43.00	In Earth orbit
4048	4046	S66796	2025-278F	Starlink 35964	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	259	261	43.00	In Earth orbit
4049	4047	S66797	2025-278G	Starlink 36099	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	259	261	43.00	In Earth orbit
4050	4048	S66798	2025-278H	Starlink 36041	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	258	261	43.00	In Earth orbit
4051	4049	S66799	2025-278J	Starlink 36044	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	258	261	43.00	In Earth orbit
4052	4050	S66800	2025-278K	Starlink 35996	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	258	260	43.00	In Earth orbit
4053	4051	S66801	2025-278L	Starlink 36080	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	257	260	43.00	In Earth orbit
4054	4052	S66802	2025-278M	Starlink 35604	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	258	261	43.00	In Earth orbit
4055	4053	S66803	2025-278N	Starlink 35565	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	258	260	43.00	In Earth orbit
4056	4054	S66804	2025-278P	Starlink 36038	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	257	260	43.00	In Earth orbit
4057	4055	S66805	2025-278Q	Starlink 36049	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	257	260	43.00	In Earth orbit
4058	4056	S66806	2025-278R	Starlink 36069	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	257	260	43.00	In Earth orbit
4059	4057	S66807	2025-278S	Starlink 36000	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	257	259	43.00	In Earth orbit
4060	4058	S66808	2025-278T	Starlink 36071	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	257	259	43.00	In Earth orbit
4061	4059	S66809	2025-278U	Starlink 36079	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	256	259	43.00	In Earth orbit
4062	4060	S66810	2025-278V	Starlink 35996	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	257	259	43.00	In Earth orbit
4063	4061	S66811	2025-278W	Starlink 36045	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	256	259	43.00	In Earth orbit
4064	4062	S66812	2025-278X	Starlink 36054	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	256	258	43.00	In Earth orbit
4065	4063	S66813	2025-278Y	Starlink 36042	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	256	258	43.00	In Earth orbit
4066	4064	S66814	2025-278Z	Starlink 35984	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	255	257	43.00	In Earth orbit
4067	4065	S66815	2025-278AA	Starlink 35985	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	255	257	43.00	In Earth orbit
4068	4066	S66816	2025-278AB	Starlink 36098	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	256	258	43.00	In Earth orbit
4069	4067	S66817	2025-278AC	Starlink 35995	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	255	258	43.00	In Earth orbit
4070	4068	S66818	2025-278AD	Starlink 35994	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	256	258	43.00	In Earth orbit
4071	4069	S66819	2025-278AE	Starlink 35989	2025 Dec 1 0744:10	2025 Dec 1 0849:12	SPXS	US	255	258	43.00	In Earth orbit

4072	4070	S66820	2025-279A	Atrange-7	2025 Dec 1 1721	2025 Dec 1 1805	KARI	KR	565	578	97.64	In Earth orbit
4073	4071	S66821	2025-280A	Starlink 35966	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	263	268	70.00	In Earth orbit
4074	4072	S66822	2025-280B	Starlink 35968	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	262	268	70.00	In Earth orbit
4075	4073	S66823	2025-280C	Starlink 35957	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	262	268	70.00	In Earth orbit
4076	4074	S66824	2025-280D	Starlink 35896	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	262	268	70.00	In Earth orbit
4077	4075	S66825	2025-280E	Starlink 35476	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	262	268	70.00	In Earth orbit
4078	4076	S66826	2025-280F	Starlink 35898	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	262	267	70.00	In Earth orbit
4079	4077	S66827	2025-280G	Starlink 35959	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	260	266	70.00	In Earth orbit
4080	4078	S66828	2025-280H	Starlink 35982	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	261	267	70.00	In Earth orbit
4081	4079	S66829	2025-280I	Starlink 36084	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	261	267	70.00	In Earth orbit
4082	4080	S66830	2025-280K	Starlink 35881	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	261	266	70.00	In Earth orbit
4083	4081	S66831	2025-280L	Starlink 35788	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	261	266	70.00	In Earth orbit
4084	4082	S66832	2025-280M	Starlink 35768	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	261	266	70.00	In Earth orbit
4085	4083	S66833	2025-280N	Starlink 35858	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	261	266	70.00	In Earth orbit
4086	4084	S66834	2025-280P	Starlink 35840	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	260	266	70.00	In Earth orbit
4087	4085	S66835	2025-280Q	Starlink 35890	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	260	266	70.00	In Earth orbit
4088	4086	S66836	2025-280R	Starlink 35838	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	260	265	70.00	In Earth orbit
4089	4087	S66837	2025-280S	Starlink 35729	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	260	265	70.00	In Earth orbit
4090	4088	S66838	2025-280T	Starlink 35886	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	260	265	70.00	In Earth orbit
4091	4089	S66839	2025-280U	Starlink 35717	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	260	265	70.00	In Earth orbit
4092	4090	S66840	2025-280V	Starlink 35837	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	259	265	70.00	In Earth orbit
4093	4091	S66841	2025-280W	Starlink 35715	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	259	264	70.00	In Earth orbit
4094	4092	S66842	2025-280X	Starlink 35769	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	259	264	70.00	In Earth orbit
4095	4093	S66843	2025-280Y	Starlink 35997	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	259	264	70.00	In Earth orbit
4096	4094	S66844	2025-280Z	Starlink 36073	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	259	264	70.00	In Earth orbit
4097	4095	S66845	2025-280AA	Starlink 36068	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	258	263	70.00	In Earth orbit
4098	4096	S66846	2025-280AB	Starlink 36055	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	258	263	70.00	In Earth orbit
4099	4097	S66847	2025-280AC	Starlink 36061	2025 Dec 2 0528:20	2025 Dec 2 0630:23	SPXS	US	258	264	70.00	In Earth orbit
4100	4098	S66848	2025-281A	Starlink 36091	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	264	266	43.00	In Earth orbit
4101	4099	S66849	2025-281B	Starlink 36102	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	263	266	43.00	In Earth orbit
4102	4100	S66850	2025-281C	Starlink 36105	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	263	266	43.00	In Earth orbit
4103	4101	S66851	2025-281D	Starlink 36094	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	263	265	43.00	In Earth orbit
4104	4102	S66852	2025-281E	Starlink 35992	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	263	265	43.00	In Earth orbit
4105	4103	S66853	2025-281F	Starlink 35986	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	262	265	43.00	In Earth orbit
4106	4104	S66854	2025-281G	Starlink 36087	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	262	264	43.00	In Earth orbit
4107	4105	S66855	2025-281H	Starlink 36090	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	261	264	43.00	In Earth orbit
4108	4106	S66856	2025-281I	Starlink 36072	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	261	264	43.00	In Earth orbit
4109	4107	S66857	2025-281K	Starlink 36083	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	261	264	43.00	In Earth orbit
4110	4108	S66858	2025-281L	Starlink 35118	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	261	263	43.00	In Earth orbit
4111	4109	S66859	2025-281M	Starlink 35646	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	260	263	43.00	In Earth orbit
4112	4110	S66860	2025-281N	Starlink 35987	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	259	261	43.00	In Earth orbit
4113	4111	S66861	2025-281P	Starlink 35991	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	260	262	43.00	In Earth orbit
4114	4112	S66862	2025-281Q	Starlink 35974	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	260	263	43.00	In Earth orbit
4115	4113	S66863	2025-281R	Starlink 36134	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	259	262	43.00	In Earth orbit
4116	4114	S66864	2025-281S	Starlink 36070	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	259	262	43.00	In Earth orbit
4117	4115	S66865	2025-281T	Starlink 36117	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	258	261	43.00	In Earth orbit
4118	4116	S66866	2025-281U	Starlink 36126	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	258	261	43.00	In Earth orbit
4119	4117	S66867	2025-281V	Starlink 36101	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	258	261	43.00	In Earth orbit
4120	4118	S66868	2025-281W	Starlink 36108	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	257	260	43.00	In Earth orbit
4121	4119	S66869	2025-281X	Starlink 36092	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	257	260	43.00	In Earth orbit
4122	4120	S66870	2025-281Y	Starlink 36114	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	257	259	43.00	In Earth orbit
4123	4121	S66871	2025-281Z	Starlink 36095	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	256	259	43.00	In Earth orbit
4124	4122	S66872	2025-281AA	Starlink 36082	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	256	259	43.00	In Earth orbit
4125	4123	S66873	2025-281AB	Starlink 36128	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	255	258	43.00	In Earth orbit
4126	4124	S66874	2025-281AC	Starlink 36129	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	256	258	43.00	In Earth orbit
4127	4125	S66875	2025-281AD	Starlink 36053	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	255	258	43.00	In Earth orbit
4128	4126	S66876	2025-281AE	Starlink 35702	2025 Dec 2 2218:50	2025 Dec 2 2323:59	SPXS	US	255	258	43.00	In Earth orbit
4129	4127	S66877	2025-282A	Zhuque-3 Payload	2025 Dec 3 0400	-	LAINDSP	CN	144	1287	56.95	Attached to Zhuque-3 Y1 Stage 2
4130	4128	S66878	2025-283A	Starlink 35866	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	263	265	53.16	In Earth orbit
4131	4129	S66879	2025-283B	Starlink 35749	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	263	264	53.16	In Earth orbit
4132	4130	S66880	2025-283C	Starlink 35844	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	263	264	53.16	In Earth orbit
4133	4131	S66881	2025-283D	Starlink 35860	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	262	264	53.16	In Earth orbit
4134	4132	S66882	2025-283E	Starlink 35912	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	262	263	53.16	In Earth orbit
4135	4133	S66883	2025-283F	Starlink 35947	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	262	263	53.16	In Earth orbit
4136	4134	S66884	2025-283G	Starlink 36057	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	261	263	53.16	In Earth orbit
4137	4135	S66885	2025-283H	Starlink 35954	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	262	263	53.16	In Earth orbit

4138	4136	S66886	2025-283J	Starlink 35900	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	261	262	53.16	In Earth orbit
4139	4137	S66887	2025-283K	Starlink 35925	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	261	262	53.16	In Earth orbit
4140	4138	S66888	2025-283L	Starlink 35919	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	260	262	53.16	In Earth orbit
4141	4139	S66889	2025-283M	Starlink 35852	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	260	261	53.16	In Earth orbit
4142	4140	S66890	2025-283N	Starlink 35885	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	260	261	53.16	In Earth orbit
4143	4141	S66891	2025-283P	Starlink 35855	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	259	261	53.16	In Earth orbit
4144	4142	S66892	2025-283Q	Starlink 35883	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	259	260	53.16	In Earth orbit
4145	4143	S66893	2025-283R	Starlink 36033	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	259	260	53.16	In Earth orbit
4146	4144	S66894	2025-283S	Starlink 35718	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	258	260	53.16	In Earth orbit
4147	4145	S66895	2025-283T	Starlink 35971	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	258	259	53.16	In Earth orbit
4148	4146	S66896	2025-283U	Starlink 35791	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	258	259	53.16	In Earth orbit
4149	4147	S66897	2025-283V	Starlink 36079	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	257	259	53.16	In Earth orbit
4150	4148	S66898	2025-283W	Starlink 36065	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	257	258	53.16	In Earth orbit
4151	4149	S66899	2025-283X	Starlink 36064	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	257	258	53.16	In Earth orbit
4152	4150	S66900	2025-283Y	Starlink 36074	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	257	258	53.16	In Earth orbit
4153	4151	S66901	2025-283Z	Starlink 36043	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	256	257	53.16	In Earth orbit
4154	4152	S66902	2025-283AA	Starlink 35983	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	256	257	53.16	In Earth orbit
4155	4153	S66903	2025-283AB	Starlink 36077	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	256	257	53.16	In Earth orbit
4156	4154	S66904	2025-283AC	Starlink 36059	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	255	257	53.16	In Earth orbit
4157	4155	S66905	2025-283AD	Starlink 36075	2025 Dec 4 2042:20	2025 Dec 4 2142:50	SPXS	US	255	256	53.16	In Earth orbit
4158	4156	S66913	2025-284A	Jiaotong YDES A	2025 Dec 5 0900	2025 Dec 5 0925:7	XYUN	CN	503	514	80.41	In Earth orbit
4159	4157	S66914	2025-284B	Jiaotong YDES B	2025 Dec 5 0900	2025 Dec 5 0925:7	XYUN	CN	496	514	80.40	In Earth orbit
4160	4158	S66915	2025-285A	WHDW 14-01	2025 Dec 6 0753	2025 Dec 6 0830:7	ZXW	CN	868	878	50.00	In Earth orbit
4161	4159	S66916	2025-285B	WHDW 14-02	2025 Dec 6 0753	2025 Dec 6 0830:7	ZXW	CN	866	879	50.00	In Earth orbit
4162	4160	S66917	2025-285C	WHDW 14-03	2025 Dec 6 0753	2025 Dec 6 0830:7	ZXW	CN	868	877	50.00	In Earth orbit
4163	4161	S66918	2025-285D	WHDW 14-04	2025 Dec 6 0753	2025 Dec 6 0830:7	ZXW	CN	867	878	50.00	In Earth orbit
4164	4162	S66919	2025-285E	WHDW 14-05	2025 Dec 6 0753	2025 Dec 6 0830:7	ZXW	CN	866	878	50.00	In Earth orbit
4165	4163	S66920	2025-285F	WHDW 14-06	2025 Dec 6 0753	2025 Dec 6 0830:7	ZXW	CN	867	876	50.01	In Earth orbit
4166	4164	S66921	2025-285G	WHDW 14-07	2025 Dec 6 0753	2025 Dec 6 0830:7	ZXW	CN	866	877	50.01	In Earth orbit
4167	4165	S66922	2025-285H	WHDW 14-08	2025 Dec 6 0753	2025 Dec 6 0830:7	ZXW	CN	866	876	50.00	In Earth orbit
4168	4166	S66923	2025-285J	WHDW 14-09	2025 Dec 6 0753	2025 Dec 6 0830:7	ZXW	CN	868	876	50.01	In Earth orbit
4169	4167	S66925	2025-286A	Starlink 35945	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	264	266	53.16	In Earth orbit
4170	4168	S66926	2025-286B	Starlink 35942	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	264	266	53.16	In Earth orbit
4171	4169	S66927	2025-286C	Starlink 35943	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	264	266	53.16	In Earth orbit
4172	4170	S66928	2025-286D	Starlink 35944	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	264	266	53.16	In Earth orbit
4173	4171	S66929	2025-286E	Starlink 36169	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	264	266	53.16	In Earth orbit
4174	4172	S66930	2025-286F	Starlink 36206	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	264	266	53.16	In Earth orbit
4175	4173	S66931	2025-286G	Starlink 36130	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	264	266	53.16	In Earth orbit
4176	4174	S66932	2025-286H	Starlink 36177	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	264	266	53.16	In Earth orbit
4177	4175	S66933	2025-286J	Starlink 36157	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	264	266	53.16	In Earth orbit
4178	4176	S66934	2025-286K	Starlink 36153	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	264	266	53.16	In Earth orbit
4179	4177	S66935	2025-286L	Starlink 36127	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	264	266	53.16	In Earth orbit
4180	4178	S66936	2025-286M	Starlink 36160	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	264	266	53.16	In Earth orbit
4181	4179	S66937	2025-286N	Starlink 36165	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	264	266	53.16	In Earth orbit
4182	4180	S66938	2025-286P	Starlink 36155	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	264	265	53.16	In Earth orbit
4183	4181	S66939	2025-286Q	Starlink 36154	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	263	265	53.16	In Earth orbit
4184	4182	S66940	2025-286R	Starlink 36121	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	263	265	53.16	In Earth orbit
4185	4183	S66941	2025-286S	Starlink 36088	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	263	265	53.16	In Earth orbit
4186	4184	S66942	2025-286T	Starlink 36100	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	263	265	53.16	In Earth orbit
4187	4185	S66943	2025-286U	Starlink 36109	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	263	264	53.16	In Earth orbit
4188	4186	S66944	2025-286V	Starlink 36112	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	263	264	53.16	In Earth orbit
4189	4187	S66945	2025-286W	Starlink 36110	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	262	264	53.16	In Earth orbit
4190	4188	S66946	2025-286X	Starlink 36115	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	262	264	53.16	In Earth orbit
4191	4189	S66947	2025-286Y	Starlink 36089	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	262	263	53.16	In Earth orbit
4192	4190	S66948	2025-286Z	Starlink 36116	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	262	264	53.16	In Earth orbit
4193	4191	S66949	2025-286AA	Starlink 36096	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	262	263	53.16	In Earth orbit
4194	4192	S66950	2025-286AB	Starlink 36111	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	261	263	53.16	In Earth orbit
4195	4193	S66951	2025-286AC	Starlink 35999	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	261	263	53.16	In Earth orbit
4196	4194	S66952	2025-286AD	Starlink 36122	2025 Dec 7 1758:30	2025 Dec 7 1858:55	SPXS	US	261	263	53.16	In Earth orbit
4197	4195	S66953	2025-287A	WHDW 15-01	2025 Dec 8 2211	2025 Dec 8 2301:7	ZXW	CN	997	1010	86.50	In Earth orbit
4198	4196	S66954	2025-287B	WHDW 15-02	2025 Dec 8 2211	2025 Dec 8 2301:7	ZXW	CN	997	1010	86.50	In Earth orbit
4199	4197	S66955	2025-287C	WHDW 15-03	2025 Dec 8 2211	2025 Dec 8 2301:7	ZXW	CN	997	1009	86.49	In Earth orbit
4200	4198	S66956	2025-287D	WHDW 15-04	2025 Dec 8 2211	2025 Dec 8 2301:7	ZXW	CN	997	1008	86.50	In Earth orbit
4201	4199	S66957	2025-287E	WHDW 15-05	2025 Dec 8 2211	2025 Dec 8 2301:7	ZXW	CN	997	1008	86.49	In Earth orbit
4202	4200	S66959	2025-288A	Starlink 35887	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	265	268	43.00	In Earth orbit
4203	4201	S66960	2025-288B	Starlink 35879	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	265	268	43.00	In Earth orbit

4204	4202	S66961	2025-288C	Starlink 35761	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	265	267	43.00	In Earth orbit
4205	4203	S66962	2025-288D	Starlink 33874	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	265	267	43.00	In Earth orbit
4206	4204	S66963	2025-288E	Starlink 36133	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	263	266	43.00	In Earth orbit
4207	4205	S66964	2025-288F	Starlink 36104	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	263	266	43.00	In Earth orbit
4208	4206	S66965	2025-288G	Starlink 36067	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	264	267	43.00	In Earth orbit
4209	4207	S66966	2025-288H	Starlink 36139	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	263	266	43.00	In Earth orbit
4210	4208	S66967	2025-288J	Starlink 36136	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	263	266	43.00	In Earth orbit
4211	4209	S66968	2025-288K	Starlink 36152	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	263	266	43.00	In Earth orbit
4212	4210	S66969	2025-288L	Starlink 36149	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	263	266	43.00	In Earth orbit
4213	4211	S66970	2025-288M	Starlink 35703	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	263	265	43.00	In Earth orbit
4214	4212	S66971	2025-288N	Starlink 35708	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	264	266	43.00	In Earth orbit
4215	4213	S66972	2025-288P	Starlink 34846	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	264	266	43.00	In Earth orbit
4216	4214	S66973	2025-288Q	Starlink 35778	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	264	266	43.01	In Earth orbit
4217	4215	S66974	2025-288R	Starlink 35780	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	263	266	43.01	In Earth orbit
4218	4216	S66975	2025-288S	Starlink 35777	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	263	266	43.01	In Earth orbit
4219	4217	S66976	2025-288T	Starlink 35772	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	263	266	43.01	In Earth orbit
4220	4218	S66977	2025-288U	Starlink 35770	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	263	266	43.01	In Earth orbit
4221	4219	S66978	2025-288V	Starlink 35787	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	262	265	43.01	In Earth orbit
4222	4220	S66979	2025-288W	Starlink 36107	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	262	265	43.01	In Earth orbit
4223	4221	S66980	2025-288X	Starlink 36086	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	262	265	43.01	In Earth orbit
4224	4222	S66981	2025-288Y	Starlink 36142	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	262	265	43.01	In Earth orbit
4225	4223	S66982	2025-288Z	Starlink 36113	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	262	265	43.01	In Earth orbit
4226	4224	S66983	2025-288A	Starlink 36145	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	261	265	43.01	In Earth orbit
4227	4225	S66984	2025-288AB	Starlink 35591	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	262	265	43.01	In Earth orbit
4228	4226	S66985	2025-288AC	Starlink 36103	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	261	265	43.01	In Earth orbit
4229	4227	S66986	2025-288AD	Starlink 36135	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	261	264	43.00	In Earth orbit
4230	4228	S66987	2025-288AE	Starlink 36147	2025 Dec 8 2226:10	2025 Dec 8 2331:12	SPXS	US	261	264	43.01	In Earth orbit
4231	4229	S66988	2025-289A	Yaogan 47	2025 Dec 9 0341	2025 Dec 9 0355:7	CASC?	CN	492	496	97.52	In Earth orbit
4232	4230	S66990	2025-290A	Tongxin Jishu Shiyuan 22	2025 Dec 9 1533:7	2025 Dec 9 1533:7	ZZB/SAST	CN	35768	35800	1.97	In Earth orbit
4233	4231	S66992	2025-291A	USA 570	2025 Dec 9 1916	2025 Dec 9 1900:7	NROC/USN	US	1008	1207	63.44	In Earth orbit
4234	4232	S66993	2025-292A	? Jilin-1 GaoFen 07B 01 xing	2025 Dec 10 0403:45	2025 Dec 10 0418:7	CGSTL	CN	543	562	97.65	In Earth orbit
4235	4233	S66994	2025-292B	UAE-813	2025 Dec 10 0403:45	2025 Dec 10 0418:7	UAESA/UAEU	UAE	543	562	97.65	In Earth orbit
4236	4234	S66995	2025-292C	? Jilin-1 GaoFen 07C 01 xing	2025 Dec 10 0403:45	2025 Dec 10 0418:7	CGSTL	CN	543	562	97.65	In Earth orbit
4237	4235	S66996	2025-292D	? Jilin-1 GaoFen 07D 01 xing	2025 Dec 10 0403:45	2025 Dec 10 0418:7	CGSTL	CN	543	562	97.65	In Earth orbit
4238	4236	S66997	2025-292E	? Dongpo 15	2025 Dec 10 0403:45	2025 Dec 10 0418:7	MEHUA	CN	543	562	97.65	In Earth orbit
4239	4237	S66998	2025-292F	? Yuxing-2 09	2025 Dec 10 0403:45	2025 Dec 10 0418:7	XGCM	CN	541	562	97.66	In Earth orbit
4240	4238	S66999	2025-292G	? Yixian-A (R)	2025 Dec 10 0403:45	2025 Dec 10 0418:7	ZHONG	CN	541	561	97.66	In Earth orbit
4241	4239	S67000	2025-292H	? SPNeX	2025 Dec 10 0403:45	2025 Dec 10 0418:7	EGYSA	EG	541	561	97.66	In Earth orbit
4242	4240	S67001	2025-292J	? Slippers2Sat	2025 Dec 10 0403:45	2025 Dec 10 0418:7	APN	NP	543	563	97.66	In Earth orbit
4243	4241	S67003	2025-293A	Starlink 35660	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	254	266	70.00	In Earth orbit
4244	4242	S67004	2025-293B	Starlink 35913	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4245	4243	S67005	2025-293C	Starlink 36148	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4246	4244	S67006	2025-293D	Starlink 36156	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4247	4245	S67007	2025-293E	Starlink 36123	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4248	4246	S67008	2025-293F	Starlink 36163	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4249	4247	S67009	2025-293G	Starlink 36118	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4250	4248	S67010	2025-293H	Starlink 36189	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4251	4249	S67011	2025-293J	Starlink 36167	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4252	4250	S67012	2025-293K	Starlink 36175	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4253	4251	S67013	2025-293L	Starlink 35856	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4254	4252	S67014	2025-293M	Starlink 36207	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4255	4253	S67015	2025-293N	Starlink 36093	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4256	4254	S67016	2025-293P	Starlink 36120	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4257	4255	S67017	2025-293Q	Starlink 36120	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4258	4256	S67018	2025-293R	Starlink 36106	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4259	4257	S67019	2025-293S	Starlink 35688	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4260	4258	S67020	2025-293T	Starlink 36172	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4261	4259	S67021	2025-293U	Starlink 36184	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4262	4260	S67022	2025-293V	Starlink 36209	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4263	4261	S67023	2025-293W	Starlink 36191	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4264	4262	S67024	2025-293X	Starlink 36192	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4265	4263	S67025	2025-293Y	Starlink 36178	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4266	4264	S67026	2025-293Z	Starlink 36176	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4267	4265	S67027	2025-293AA	Starlink 36171	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4268	4266	S67028	2025-293AB	Starlink 36132	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit
4269	4267	S67029	2025-293AC	Starlink 36190	2025 Dec 10 1140:30	2025 Dec 10 1241:55	SPXS	US	253	266	70.00	In Earth orbit

4270	4268	867030	2025-294A	Starlink 36138	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	263	274	43.00	In Earth orbit
4271	4269	867031	2025-294B	Starlink 36150	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	263	274	43.00	In Earth orbit
4272	4270	867032	2025-294C	Starlink 36131	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	263	274	43.00	In Earth orbit
4273	4271	867033	2025-294D	Starlink 36137	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	263	274	43.00	In Earth orbit
4274	4272	867034	2025-294E	Starlink 36140	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	263	274	43.00	In Earth orbit
4275	4273	867035	2025-294F	Starlink 36085	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	263	274	43.00	In Earth orbit
4276	4274	867036	2025-294G	Starlink 36125	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	263	274	43.00	In Earth orbit
4277	4275	867037	2025-294H	Starlink 35732	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	263	273	43.00	In Earth orbit
4278	4276	867038	2025-294J	Starlink 35775	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	263	273	43.00	In Earth orbit
4279	4277	867039	2025-294K	Starlink 35705	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	262	273	43.00	In Earth orbit
4280	4278	867040	2025-294L	Starlink 35786	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	262	273	43.00	In Earth orbit
4281	4279	867041	2025-294M	Starlink 35765	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	262	273	43.00	In Earth orbit
4282	4280	867042	2025-294N	Starlink 35773	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	262	273	43.00	In Earth orbit
4283	4281	867043	2025-294P	Starlink 35901	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	262	273	43.00	In Earth orbit
4284	4282	867044	2025-294Q	Starlink 35884	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	262	273	43.00	In Earth orbit
4285	4283	867045	2025-294R	Starlink 35891	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	262	273	43.00	In Earth orbit
4286	4284	867046	2025-294S	Starlink 35721	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	262	273	43.00	In Earth orbit
4287	4285	867047	2025-294T	Starlink 35779	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	262	273	43.00	In Earth orbit
4288	4286	867048	2025-294U	Starlink 35905	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	262	273	43.00	In Earth orbit
4289	4287	867049	2025-294V	Starlink 35877	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	262	273	43.00	In Earth orbit
4290	4288	867050	2025-294W	Starlink 36078	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	262	273	43.00	In Earth orbit
4291	4289	867051	2025-294X	Starlink 35706	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	262	273	43.00	In Earth orbit
4292	4290	867052	2025-294Y	Starlink 35720	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	262	273	43.00	In Earth orbit
4293	4291	867053	2025-294Z	Starlink 35759	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	262	273	43.00	In Earth orbit
4294	4292	867054	2025-294A	Starlink 35734	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	262	273	43.00	In Earth orbit
4295	4293	867055	2025-294AB	Starlink 35790	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	262	273	43.00	In Earth orbit
4296	4294	867056	2025-294AC	Starlink 36143	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	262	273	43.00	In Earth orbit
4297	4295	867057	2025-294AD	Starlink 36141	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	262	273	43.00	In Earth orbit
4298	4296	867058	2025-294AE	Starlink 35767	2025 Dec 11 22:01:20	2025 Dec 11 23:06:22	SPXS	US	262	273	43.00	In Earth orbit
4299	4297	867059	2025-295A	WHDW 16-01	2025 Dec 11 23:00	2025 Dec 11 23:25?	ZXW	CN	795	815	50.00	In Earth orbit
4300	4298	867060	2025-295B	WHDW 16-02	2025 Dec 11 23:00	2025 Dec 11 23:25?	ZXW	CN	795	814	50.00	In Earth orbit
4301	4299	867061	2025-295C	WHDW 16-03	2025 Dec 11 23:00	2025 Dec 11 23:25?	ZXW	CN	796	815	50.00	In Earth orbit
4302	4300	867062	2025-295D	WHDW 16-04	2025 Dec 11 23:00	2025 Dec 11 23:25?	ZXW	CN	796	814	50.01	In Earth orbit
4303	4301	867063	2025-295E	WHDW 16-05	2025 Dec 11 23:00	2025 Dec 11 23:25?	ZXW	CN	796	814	50.01	In Earth orbit
4304	4302	867064	2025-295F	WHDW 16-06	2025 Dec 11 23:00	2025 Dec 11 23:25?	ZXW	CN	791	812	50.00	In Earth orbit
4305	4303	867065	2025-295G	WHDW 16-07	2025 Dec 11 23:00	2025 Dec 11 23:25?	ZXW	CN	796	814	50.00	In Earth orbit
4306	4304	867066	2025-295H	WHDW 16-08	2025 Dec 11 23:00	2025 Dec 11 23:25?	ZXW	CN	795	811	50.00	In Earth orbit
4307	4305	867067	2025-295J	WHDW 16-09	2025 Dec 11 23:00	2025 Dec 11 23:25?	ZXW	CN	796	811	50.00	In Earth orbit
4308	4306	867069	2025-296A	Xi Wang 5-2	2025 Dec 13 01:08	2025 Dec 13 01:23?	CASI	CN	503	525	41.35	In Earth orbit
4309	4307	867070	2025-296B	Dier-5	2025 Dec 13 01:08	2025 Dec 13 01:23?	ZYK	CN	503	525	41.35	In Earth orbit
4310	4308	867071	2025-297A	RAISE-4	2025 Dec 14 03:09	2025 Dec 14 04:03	JAXA	J	179	529	97.48	In Earth orbit
4311	4309	867072	2025-297B	Starlink 36230	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4312	4310	867073	2025-298A	Starlink 36240	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4313	4311	867074	2025-298B	Starlink 36243	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4314	4312	867075	2025-298C	Starlink 36236	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4315	4313	867076	2025-298D	Starlink 36159	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4316	4314	867077	2025-298E	Starlink 36158	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4317	4315	867078	2025-298F	Starlink 35841	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4318	4316	867079	2025-298G	Starlink 35864	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4319	4317	867080	2025-298H	Starlink 36035	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4320	4318	867081	2025-298I	Starlink 36170	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4321	4319	867082	2025-298J	Starlink 36166	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4322	4320	867083	2025-298K	Starlink 35794	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4323	4321	867084	2025-298L	Starlink 35842	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4324	4322	867085	2025-298M	Starlink 35841	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4325	4323	867086	2025-298N	Starlink 35842	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4326	4324	867087	2025-298O	Starlink 35841	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4327	4325	867088	2025-298P	Starlink 35882	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4328	4326	867089	2025-298Q	Starlink 35763	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4329	4327	867090	2025-298R	Starlink 36060	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4330	4328	867091	2025-298S	Starlink 36097	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4331	4329	867092	2025-298T	Starlink 35792	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	255	269	70.00	In Earth orbit
4332	4330	867093	2025-298U	Starlink 35784	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	254	269	70.00	In Earth orbit
4333	4331	867094	2025-298V	Starlink 36202	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	254	269	70.00	In Earth orbit
4334	4332	867095	2025-298W	Starlink 36227	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	254	269	70.00	In Earth orbit
4335	4333	867096	2025-298X	Starlink 36228	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	254	269	70.00	In Earth orbit
4336	4334	867097	2025-298Y	Starlink 36222	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	254	269	70.00	In Earth orbit
4337	4335	867098	2025-298Z	Starlink 36205	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	254	269	70.00	In Earth orbit
4338	4336	867099	2025-298AA	Starlink 36193	2025 Dec 14 05:49:00	2025 Dec 14 06:50:43	SPXS	US	254	269	70.00	In Earth orbit

4336	Starlink 36215	2025 Dec 14 0549:00	2025 Dec 14 0650:43	SPXS	US	254	269	70.00	In Earth orbit
4337	Starlink 36200	2025 Dec 14 0549:00	2025 Dec 14 0650:43	SPXS	US	254	269	70.00	In Earth orbit
4338	Starlink 36255	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	263	272	43.00	In Earth orbit
4339	Starlink 36256	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4340	Starlink 36258	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4341	Starlink 36261	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4342	Starlink 36259	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4343	Starlink 36196	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4344	Starlink 36208	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4345	Starlink 35764	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4346	Starlink 35781	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4347	Starlink 35875	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4348	Starlink 35906	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4349	Starlink 35789	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4350	Starlink 36180	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4351	Starlink 35892	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4352	Starlink 35738	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4353	Starlink 35674	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4354	Starlink 35701	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4355	Starlink 36179	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4356	Starlink 36124	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4357	Starlink 36188	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4358	Starlink 36151	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4359	Starlink 36195	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4360	Starlink 36219	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4361	Starlink 36223	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4362	Starlink 36164	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4363	Starlink 35685	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	261	271	43.00	In Earth orbit
4364	Starlink 36214	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	262	272	43.00	In Earth orbit
4365	Starlink 36194	2025 Dec 15 0525:10	2025 Dec 15 0630:12	SPXS	US	261	272	43.00	In Earth orbit
4366	Zi Yuan 3-04	2025 Dec 16 0317	2025 Dec 16 0335:7	GCDXZZWVZ	CN	484	499	97.50	In Earth orbit
4367	Kuiper-00144	2025 Dec 16 0828	2025 Dec 16 0848	KUIP	US	455	464	51.87	In Earth orbit
4368	Kuiper-00164	2025 Dec 16 0828	2025 Dec 16 0848	KUIP	US	455	460	51.87	In Earth orbit
4369	Kuiper-00175	2025 Dec 16 0828	2025 Dec 16 0849	KUIP	US	455	457	51.87	In Earth orbit
4370	Kuiper-00179	2025 Dec 16 0828	2025 Dec 16 0849	KUIP	US	455	459	51.87	In Earth orbit
4371	Kuiper-00181	2025 Dec 16 0828	2025 Dec 16 0850	KUIP	US	456	469	51.86	In Earth orbit
4372	Kuiper-00183	2025 Dec 16 0828	2025 Dec 16 0850	KUIP	US	456	471	51.86	In Earth orbit
4373	Kuiper-00184	2025 Dec 16 0828	2025 Dec 16 0851	KUIP	US	456	469	51.86	In Earth orbit
4374	Kuiper-00186	2025 Dec 16 0828	2025 Dec 16 0851	KUIP	US	455	466	51.87	In Earth orbit
4375	Kuiper-00187	2025 Dec 16 0828	2025 Dec 16 0852	KUIP	US	455	461	51.87	In Earth orbit
4376	Kuiper-00188	2025 Dec 16 0828	2025 Dec 16 0852	KUIP	US	456	466	51.87	In Earth orbit
4377	Kuiper-00191	2025 Dec 16 0828	2025 Dec 16 0853	KUIP	US	456	465	51.87	In Earth orbit
4378	Kuiper-00196	2025 Dec 16 0828	2025 Dec 16 0853	KUIP	US	455	460	51.87	In Earth orbit
4379	Kuiper-00204	2025 Dec 16 0828	2025 Dec 16 0854	KUIP	US	455	457	51.87	In Earth orbit
4380	Kuiper-00210	2025 Dec 16 0828	2025 Dec 16 0854	KUIP	US	456	470	51.86	In Earth orbit
4381	Kuiper-00211	2025 Dec 16 0828	2025 Dec 16 0855	KUIP	US	455	462	51.87	In Earth orbit
4382	Kuiper-00221	2025 Dec 16 0828	2025 Dec 16 0855	KUIP	US	455	462	51.87	In Earth orbit
4383	Kuiper-00232	2025 Dec 16 0828	2025 Dec 16 0856	KUIP	US	455	456	51.87	In Earth orbit
4384	Kuiper-00248	2025 Dec 16 0828	2025 Dec 16 0856	KUIP	US	455	459	51.87	In Earth orbit
4385	Kuiper-00245	2025 Dec 16 0828	2025 Dec 16 0857	KUIP	US	455	462	51.87	In Earth orbit
4386	Kuiper-00246	2025 Dec 16 0828	2025 Dec 16 0858	KUIP	US	455	461	51.87	In Earth orbit
4387	Kuiper-00247	2025 Dec 16 0828	2025 Dec 16 0858	KUIP	US	456	472	51.86	In Earth orbit
4388	Kuiper-00248	2025 Dec 16 0828	2025 Dec 16 0855	KUIP	US	455	468	51.87	In Earth orbit
4389	Kuiper-00249	2025 Dec 16 0828	2025 Dec 16 0900	KUIP	US	456	467	51.87	In Earth orbit
4390	Kuiper-00250	2025 Dec 16 0828	2025 Dec 16 0901	KUIP	US	456	464	51.87	In Earth orbit
4391	Kuiper-00251	2025 Dec 16 0828	2025 Dec 16 0901	KUIP	US	456	467	51.87	In Earth orbit
4392	Kuiper-00252	2025 Dec 16 0828	2025 Dec 16 0902	KUIP	US	456	470	51.87	In Earth orbit
4393	Kuiper-00261	2025 Dec 16 0828	2025 Dec 16 0902	KUIP	US	455	463	51.87	In Earth orbit
4394	Kuiper-00265	2025 Dec 16 0828	2025 Dec 16 0903	KUIP	US	455	458	51.87	In Earth orbit
4395	GalileoSat-33	2025 Dec 17 0501:58	2025 Dec 17 0857:30	EUSPA	I-EU	22920	22968	54.24	In Earth orbit
4396	GalileoSat-34	2025 Dec 17 0501:58	2025 Dec 17 0857:30	EUSPA	I-EU	22917	22919	54.24	In Earth orbit
4397	Starlink 35755	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.00	In Earth orbit
4398	Starlink 36201	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	263	273	43.00	In Earth orbit
4399	Starlink 36186	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	263	273	43.00	In Earth orbit
4400	Starlink 36174	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	263	273	43.00	In Earth orbit
4401	Starlink 36198	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	263	273	43.00	In Earth orbit

4402	867168	2025-303F	Starlink 35903	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.00	In Earth orbit
4403	867169	2025-303G	Starlink 35839	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.00	In Earth orbit
4404	867170	2025-303H	Starlink 35863	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.00	In Earth orbit
4405	867171	2025-303J	Starlink 35771	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.00	In Earth orbit
4406	867172	2025-303K	Starlink 35762	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.00	In Earth orbit
4407	867173	2025-303L	Starlink 36183	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	263	273	43.00	In Earth orbit
4408	867174	2025-303M	Starlink 36210	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	263	273	43.00	In Earth orbit
4409	867175	2025-303N	Starlink 35736	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.00	In Earth orbit
4410	867176	2025-303P	Starlink 35785	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.00	In Earth orbit
4411	867177	2025-303Q	Starlink 35853	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.00	In Earth orbit
4412	867178	2025-303R	Starlink 35878	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.01	In Earth orbit
4413	867179	2025-303S	Starlink 35793	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.01	In Earth orbit
4414	867180	2025-303T	Starlink 35876	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.01	In Earth orbit
4415	867181	2025-303U	Starlink 35766	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.01	In Earth orbit
4416	867182	2025-303V	Starlink 35782	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.01	In Earth orbit
4417	867183	2025-303W	Starlink 35719	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.01	In Earth orbit
4418	867184	2025-303X	Starlink 35910	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.01	In Earth orbit
4419	867185	2025-303Y	Starlink 35859	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.01	In Earth orbit
4420	867186	2025-303Z	Starlink 35857	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.01	In Earth orbit
4421	867187	2025-303AA	Starlink 35880	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.01	In Earth orbit
4422	867188	2025-303AB	Starlink 35675	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.01	In Earth orbit
4423	867189	2025-303AC	Starlink 35889	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.01	In Earth orbit
4424	867190	2025-303AD	Starlink 35888	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.01	In Earth orbit
4425	867191	2025-303AE	Starlink 35716	2025 Dec 17 1342:10	2025 Dec 17 1447:21	SPXS	US	261	271	43.01	In Earth orbit
4426	867192	2025-304A	Starlink 36182	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	257	269	70.00	In Earth orbit
4427	867193	2025-304B	Starlink 36279	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	257	269	70.00	In Earth orbit
4428	867194	2025-304C	Starlink 36284	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	257	269	70.00	In Earth orbit
4429	867195	2025-304D	Starlink 36291	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	257	269	70.00	In Earth orbit
4430	867196	2025-304E	Starlink 36239	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	257	269	70.00	In Earth orbit
4431	867197	2025-304F	Starlink 36283	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4432	867198	2025-304G	Starlink 36267	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4433	867199	2025-304H	Starlink 36268	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4434	867200	2025-304J	Starlink 36270	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4435	867201	2025-304K	Starlink 36262	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4436	867202	2025-304L	Starlink 36263	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4437	867203	2025-304M	Starlink 36224	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4438	867204	2025-304N	Starlink 36185	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4439	867205	2025-304P	Starlink 36197	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4440	867206	2025-304Q	Starlink 36056	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4441	867207	2025-304R	Starlink 36225	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4442	867208	2025-304S	Starlink 36265	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4443	867209	2025-304T	Starlink 36226	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4444	867210	2025-304U	Starlink 36173	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4445	867211	2025-304V	Starlink 36280	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4446	867212	2025-304W	Starlink 36213	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4447	867213	2025-304X	Starlink 36199	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4448	867214	2025-304Y	Starlink 36203	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4449	867215	2025-304Z	Starlink 36221	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4450	867216	2025-304AA	Starlink 36212	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4451	867217	2025-304AB	Starlink 36216	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4452	867218	2025-304AC	Starlink 36211	2025 Dec 17 1527:50	2025 Dec 17 1629:21	SPXS	US	256	269	70.00	In Earth orbit
4453	867219	2025-305A	DiskSat C	2025 Dec 18 0503:00	2025 Dec 18 0602:34	STP	US	545	551	45.01	In Earth orbit
4454	867220	2025-305B	DiskSat B	2025 Dec 18 0503:00	2025 Dec 18 0605:10	STP	US	547	552	45.01	In Earth orbit
4455	867221	2025-305C	DiskSat D	2025 Dec 18 0503:00	2025 Dec 18 0608:10	STP	US	471	558	45.02	In Earth orbit
4456	867222	2025-305D	DiskSat A	2025 Dec 18 0503:00	2025 Dec 18 0610:57	STP	US	541	553	45.05	In Earth orbit
4457	867226	2025-306A	Tongxin Jishu Shiyun 23	2025 Dec 20 1230	2025 Dec 20 1308?	ZZB/CAST	CN	35779	35792	5.97	In Earth orbit
4458	867228	2025-307A	Sukunam-i	2025 Dec 21 0636	2025 Dec 21 0726	QPS	J	569	583	42.01	In Earth orbit
4459	867231	2025-308A	Dummy CZ-12A payload	2025 Dec 23 0200	-	SAST	CN	204	241	69.71	Reentered Alt to CZ-12A Y1 Stage 2
4460	867232	2025-309A	SpaceMobile-006	2025 Dec 24 0325:30	2025 Dec 24 0341:00	ASTS	US	506	520	53.00	In Earth orbit
4461	867234	2025-310A	Obzor-R No. 1	2025 Dec 25 1411	2025 Dec 25 1421?	ROSK	RU	217	633	97.97	In Earth orbit
4462	867236	2025-311A	WHDW 17-01	2025 Dec 25 2326	2025 Dec 26 0002?	ZXW	CN	915	924	50.01	In Earth orbit
4463	867237	2025-311B	WHDW 17-02	2025 Dec 25 2326	2025 Dec 26 0002?	ZXW	CN	915	926	50.01	In Earth orbit
4464	867238	2025-311C	WHDW 17-03	2025 Dec 25 2326	2025 Dec 26 0002?	ZXW	CN	916	927	50.01	In Earth orbit
4465	867239	2025-311D	WHDW 17-04	2025 Dec 25 2326	2025 Dec 26 0002?	ZXW	CN	915	929	50.01	In Earth orbit
4466	867240	2025-311E	WHDW 17-05	2025 Dec 25 2326	2025 Dec 26 0002?	ZXW	CN	916	926	50.01	In Earth orbit
4467	867241	2025-311F	WHDW 17-06	2025 Dec 25 2326	2025 Dec 26 0002?	ZXW	CN	915	926	50.01	In Earth orbit

4468	867242	2025-311G	WHDW-17-07	2025 Dec 25 2326	ZXW	CN	915	928	50.01	In Earth orbit
4469	867243	2025-311H	WHDW-17-08	2025 Dec 25 2326	ZXW	CN	915	927	50.01	In Earth orbit
4470	867244	2025-311J	WHDW-17-09	2025 Dec 25 2326	ZXW	CN	916	925	50.01	In Earth orbit
4471	867246	2025-312A	Feng Yun 4C	2025 Dec 26 1607	NSMC	CN	35772	35799	0.09	In Earth orbit
4472	867250	2025-313C	Manafon No. 1	2025 Dec 28 1318:05	NPOPM/MAIO	RU	500	729	97.64	In Earth orbit
4473	867251	2025-313D	Manafon No. 2 GMM?	2025 Dec 28 1318:05	NPOPM/MAIO	RU	495	708	97.59	In Earth orbit
4474	867252	2025-313E	Zorkiy-2M VPE	2025 Dec 28 1550?	SPUT	RU	495	515	97.41	In Earth orbit
4475	867253	2025-313F	Aist-2T No. 1	2025 Dec 28 1422:23	ROSK	RU	368	381	97.10	In Earth orbit
4476	867254	2025-313G	Aist-2T No. 2	2025 Dec 28 1318:05	ROSK	RU	368	381	97.10	In Earth orbit
4477	867255	2025-313H	Pava	2025 Dec 28 1318:05	IRSA/IEI	IR	497	623	97.31	In Earth orbit
4478	867256	2025-313I	SITRO-AIS-57	2025 Dec 28 1550?	SITRO	RU	495	516	97.41	In Earth orbit
4479	867257	2025-313K	SITRO-AIS-59	2025 Dec 28 1550?	SITRO	RU	494	515	97.41	In Earth orbit
4480	867258	2025-313L	SITRO-AIS-58	2025 Dec 28 1550?	SITRO	RU	495	516	97.41	In Earth orbit
4481	867259	2025-313M	CSITP-3.10	2025 Dec 28 1548:15	STIS	RU	495	516	97.42	In Earth orbit
4482	867260	2025-313N	SITRO-AIS-60	2025 Dec 28 1550?	SITRO	RU	496	515	97.41	In Earth orbit
4483	867261	2025-313P	SM-3.1	2025 Dec 28 1318:05	STIS	RU	494	515	97.42	In Earth orbit
4484	867262	2025-313Q	Ansat-1	2025 Dec 28 1556:55	STIS	RU	495	516	97.41	In Earth orbit
4485	867263	2025-313R	DCS-1	2025 Dec 28 1318:05	TELIN?	TN	495	512	97.41	In Earth orbit
4486	867264	2025-313S	Mule-4T	2025 Dec 28 1550?	OKBSP	RU	495	510	97.41	In Earth orbit
4487	867265	2025-313T	SITRO-TD-4	2025 Dec 28 1550?	SITRO	RU	495	513	97.42	In Earth orbit
4488	867266	2025-313U	SITRO-AIS-65	2025 Dec 28 1550?	SITRO	RU	495	514	97.41	In Earth orbit
4489	867267	2025-313V	Grifon-1	2025 Dec 28 1318:05	NOVSU	RU	493	508	97.41	In Earth orbit
4490	867268	2025-313W	Zorkiy-2M No. 7	2025 Dec 28 1550?	SPUT	RU	495	515	97.41	In Earth orbit
4491	867269	2025-313X	Grifon-2	2025 Dec 28 1550?	NOVSU	RU	495	509	97.41	In Earth orbit
4492	867270	2025-313Y	SITRO-TD-3	2025 Dec 28 1550?	SITRO	RU	495	507	97.41	In Earth orbit
4493	867271	2025-313Z	SCH-619	2025 Dec 28 1555:55	STIS	RU	495	517	97.41	In Earth orbit
4494	867272	2025-313AA	Polytech-Univers-6	2025 Dec 28 1551:55	SPBU	RU	495	517	97.41	In Earth orbit
4495	867273	2025-313AB	VM-3.1	2025 Dec 28 1318:05	STIS	RU	495	516	97.41	In Earth orbit
4496	867274	2025-313AC	Mokha-1	2025 Dec 28 1552:25	KAIS	RU	495	507	97.41	In Earth orbit
4497	867275	2025-313AD	Vladivostok-2	2025 Dec 28 1550?	DVFI	RU	495	516	97.41	In Earth orbit
4498	867276	2025-313AE	Argus-312	2025 Dec 28 1550?	KAIS	RU	494	508	97.41	In Earth orbit
4499	867277	2025-313AF	Grifon-4	2025 Dec 28 1550?	NOVSU	RU	495	508	97.41	In Earth orbit
4500	867278	2025-313AG	Khors No. 5	2025 Dec 28 1550?	BAUM	RU	495	515	97.41	In Earth orbit
4501	867279	2025-313AH	UTE-Galapagos	2025 Dec 28 1553:28	UTE/YUZGU	IR	495	515	97.41	In Earth orbit
4502	867280	2025-313AI	Zafar-2	2025 Dec 28 1550?	IRSA/AUST	IR	494	509	97.41	In Earth orbit
4503	867281	2025-313AK	Aist-ST	2025 Dec 28 1557:25	SNU	RU	495	517	97.41	In Earth orbit
4504	867282	2025-313AL	Kowsar-1.5	2025 Dec 28 1550?	OMD/ISRC	IR	495	508	97.41	In Earth orbit
4505	867283	2025-313AM	MorSat-1	2025 Dec 28 1550?	AMGU/MAIO	RU	495	510	97.41	In Earth orbit
4506	867284	2025-313AN	Lobachevskiy	2025 Dec 28 1318:05	LOBU	RU	495	516	97.42	In Earth orbit
4507	867285	2025-313AP	NASBSat-2	2025 Dec 28 1550?	ANBEL	BY	494	508	97.41	In Earth orbit
4508	867286	2025-313AQ	Grifon-3	2025 Dec 28 1550?	NOVSU	RU	495	509	97.41	In Earth orbit
4509	867287	2025-313AR	Luca	2025 Dec 28 1318:05	MSR	ME	495	508	97.41	In Earth orbit
4510	867288	2025-313AS	Yeva-2	2025 Dec 28 1550?	KAIS	RU	494	510	97.41	In Earth orbit
4511	867289	2025-313AT	NASBSat-1	2025 Dec 28 1550?	ANBEL	BY	495	507	97.41	In Earth orbit
4512	867290	2025-313AU	SakhaCube-Cholbon	2025 Dec 28 1318:05	MANYA	RU	495	508	97.41	In Earth orbit
4513	867291	2025-313AV	QMR-KWT-2	2025 Dec 28 1550?	ORBSKW	KW	495	510	97.41	In Earth orbit
4514	867292	2025-313AW	SITRO-AIS-64	2025 Dec 28 1318:05	SITRO	RU	495	515	97.41	In Earth orbit
4515	867293	2025-313AX	Skorpion	2025 Dec 28 1550?	MGU	RU	495	515	97.41	In Earth orbit
4516	867294	2025-313AY	SITRO-AIS-63	2025 Dec 28 1318:05	SITRO	RU	495	514	97.41	In Earth orbit
4517	867295	2025-313AZ	Zorkiy-2M No. 5	2025 Dec 28 1550?	SPUT	RU	495	516	97.41	In Earth orbit
4518	867296	2025-313BA	SITRO-AIS-62	2025 Dec 28 1550?	SITRO	RU	495	515	97.41	In Earth orbit
4519	867297	2025-313BB	SITRO-AIS-61	2025 Dec 28 1550?	SITRO	RU	495	515	97.41	In Earth orbit
4520	867298	2025-313	Trisat-1	2025 Dec 28 1550?	UNKRU	RU	495	509	97.41	In Earth orbit
4521	867299	2025-313	Trisat-2	2025 Dec 28 1550?	RUVDs	RU	495	509	97.41	In Earth orbit
4522	867300	2025-313	Trisat-3	2025 Dec 28 1550?	QAU	QA	494	508	97.41	In Earth orbit
4523	867301	2025-313	Trisat-4	2025 Dec 28 1550?	OKBSP	RU	494	510	97.41	In Earth orbit
4524	867302	2025-314A	Tianhui-7	2025 Dec 30 0427?	GCDX	RU	480	489	97.42	In Earth orbit
4525	867303	2025-315A	Shi Jian 29A	2025 Dec 30 2306?	ZLZB	CN	35791	35791	3.00	In Earth orbit
4526	867403	2025-315C	Shi Jian 29B	2025 Dec 30 2240:07	ZLZB	CN	164	33998	19.54	Attached to CZ-7A Y7 Stage 3
Appendix 2(b): Payloads not included in annual statistics										
1	A11398	2025-009	Transporter-12	2025 Jan 14 1909:00	SPX	US	592	595	97.75	Reentered Alt to Falcon 9-426 Stage 2
2	A11403	2025-009	W-2 Reentry Vehicle	2025 Jan 14 1909:00	VARDA	US	325	893	97.20	Landed
3	A11404	2025-009	Tenacious Reentry Vehicle	2025 Feb 27 1416	INVER	US	518	518	97.44	Attached to Ray 1.0
4	A11402	2025-010	Tenacious	2025 Jan 15 0611	ISPEUR	L	176	362529	35.17	Luna to Resilience
5	A11401	2025-011A	Payload Mass Simulator	2025 Jan 16 0703	BLOK	US	2409	19224	30.00	Attached to New Glenn GS2 F1
6	S63330	2025-026F	Kosmos-2583 subsatellite	2025 Feb 5 0359	MORF	RU	577	597	82.01	In Earth orbit

7	-	A11422	2025-038	Grace	2025 Feb 27 0016:30	-	INTMA	US	211	367501	28.52	Lunar failed to IM-2 Athena
8	-	A11423	2025-038	MAPP	2025 Feb 27 0016:30	-	LUOUT	US	211	367501	28.52	Lunar failed to IM-2 Athena
9	-	A11424	2025-038	Yaoki	2025 Feb 27 0016:30	-	DIYMON	J	211	367501	28.52	Lunar failed to IM-2 Athena
10	-	A11437	2025-052	Transporter-13	2025 Mar 15 0643:00	-	SPX	US	592	594	97.75	Reentered Att to Falcon 9-xxx Stage 2 (F448)
11	3	A11439	2025-052	W-3 Reentry Vehicle	2025 Mar 15 0643:00	2025 May 14 0137?	VARDA	US	513	513	97.45	Reentered Att to Falcon 9-xxx Stage 2
12	-	A11471	2025-081	Bandwagon-3	2025 Apr 22 0048:34	-	SPX	US	567	607	45.41	Landed
13	4	A11473	2025-081R	Phoenix 1	2025 Apr 22 0048:34	2025 Apr 22 0227:35	ATMOS	D	-35	584	45.41	Reentered Att to Starship FT-9
14	-	A11510	2025-U02	Starlink Simulator 15	2025 May 27 2336:29?	-	SPXS	US	5	189	26.40	Reentered Att to Starship FT-9
15	-	A11511	2025-U02	Starlink Simulator 16	2025 May 27 2336:29?	-	SPXS	US	5	189	26.40	Reentered Att to Starship FT-9
16	-	A11512	2025-U02	Starlink Simulator 17	2025 May 27 2336:29?	-	SPXS	US	5	189	26.40	Reentered Att to Starship FT-9
17	-	A11513	2025-U02	Starlink Simulator 18	2025 May 27 2336:29?	-	SPXS	US	5	189	26.40	Reentered Att to Starship FT-9
18	-	A11514	2025-U02	Starlink Simulator 19	2025 May 27 2336:29?	-	SPXS	US	5	189	26.40	Reentered Att to Starship FT-9
19	-	A11515	2025-U02	Starlink Simulator 20	2025 May 27 2336:29?	-	SPXS	US	5	189	26.40	Reentered Att to Starship FT-9
20	-	A11516	2025-U02	Starlink Simulator 21	2025 May 27 2336:29?	-	SPXS	US	5	189	26.40	Reentered Att to Starship FT-9
21	-	A11517	2025-U02	Starlink Simulator 22	2025 May 27 2336:29?	-	SPXS	US	5	189	26.40	Reentered Att to Starship FT-9
22	-	A11518	2025-114A	Tianwen-2 Reentry Capsule	2025 May 28 1731	-	CASC	CN	170	-75000	28.00	Sun to Tianwen-2
23	-	A11534	2025-135	Transporter-14	2025 Jun 23 2125:00	-	SPX	US	592	593	97.75	Reentered Att to Falcon 9-xxx Stage 2
24	5	A11536	2025-135	Mission Possible	2025 Jun 23 2125:00	2025 Jun 24 0008	EXCO	D	-50	593	97.75	Deorbited
25	-	A11537	2025-135	W-4 Reentry Vehicle	2025 Jun 23 2125:00	-	VARDA	US	592	593	97.75	Attached to Winnebago-4
26	6	A11590	2025-U03	Starlink Simulator 23	2025 Aug 26 2330:03?	2025 Aug 26 2349:20	SPXS	US	2	192	26.40	Reentered
27	7	A11591	2025-U03	Starlink Simulator 24	2025 Aug 26 2330:03?	2025 Aug 26 2349:50	SPXS	US	2	192	26.40	Reentered
28	8	A11592	2025-U03	Starlink Simulator 25	2025 Aug 26 2330:03?	2025 Aug 26 2351:00	SPXS	US	2	192	26.40	Reentered
29	9	A11593	2025-U03	Starlink Simulator 26	2025 Aug 26 2330:03?	2025 Aug 26 2351:35	SPXS	US	2	192	26.40	Reentered
30	10	A11594	2025-U03	Starlink Simulator 27	2025 Aug 26 2330:03?	2025 Aug 26 2352:42	SPXS	US	2	192	26.40	Reentered
31	11	A11595	2025-U03	Starlink Simulator 28	2025 Aug 26 2330:03?	2025 Aug 26 2353:18	SPXS	US	2	192	26.40	Reentered
32	12	A11596	2025-U03	Starlink Simulator 29	2025 Aug 26 2330:03?	2025 Aug 26 2354:24	SPXS	US	2	192	26.40	Reentered
33	13	A11597	2025-U03	Starlink Simulator 30	2025 Aug 26 2330:03?	2025 Aug 26 2355:00	SPXS	US	2	192	26.40	Reentered
34	14	A11646	2025-U04	Starlink Simulator 31	2025 Oct 13 2323:45	2025 Oct 13 2343:17	SPXS	US	-1	192	26.40	Reentered
35	15	A11647	2025-U04	Starlink Simulator 32	2025 Oct 13 2323:45	2025 Oct 13 2343:37	SPXS	US	-1	192	26.40	Reentered
36	16	A11648	2025-U04	Starlink Simulator 33	2025 Oct 13 2323:45	2025 Oct 13 2344:52	SPXS	US	-1	192	26.40	Reentered
37	17	A11649	2025-U04	Starlink Simulator 34	2025 Oct 13 2323:45	2025 Oct 13 2345:23	SPXS	US	-1	192	26.40	Reentered
38	18	A11650	2025-U04	Starlink Simulator 35	2025 Oct 13 2323:45	2025 Oct 13 2346:30	SPXS	US	-1	192	26.40	Reentered
39	19	A11651	2025-U04	Starlink Simulator 36	2025 Oct 13 2323:45	2025 Oct 13 2346:57	SPXS	US	-1	192	26.40	Reentered
40	20	A11652	2025-U04	Starlink Simulator 37	2025 Oct 13 2323:45	2025 Oct 13 2348:11	SPXS	US	-1	192	26.40	Reentered
41	21	A11653	2025-U04	Starlink Simulator 38	2025 Oct 13 2323:45	2025 Oct 13 2348:41	SPXS	US	-1	192	26.40	Reentered
42	-	A11675	2025-248	Bandwagon-4	2025 Nov 2 0509:59	-	SPX	US	509	514	45.41	Reentered Att to Falcon 9-xxx Stage 2
43	-	A11695	2025-276	Transporter-15	2025 Nov 28 1844:30	-	SPX	US	563	563	97.60	Reentered Att to Falcon 9-xxx Stage 2
44	-	A11739	2025-276	W-5 Reentry Vehicle	2025 Nov 28 1844:30	-	VARDA	US	510	512	97.44	Attached to W-5
45	-	A11715	2025-296	Dier-5 RV	2025 Dec 13 0108	-	ZYK	CN	503	525	41.35	Attached to Xi Wang 5-2
46	22	A11722	2025-U06	Mchibiki-5	2025 Dec 22 0151:30	2025 Dec 22 0156?	NUSS/JAXA	J	-4400	400	30.00	Reentered