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**Committee on the Peaceful
Uses of Outer Space****Information furnished in conformity with the Convention
on Registration of Objects Launched into Outer Space****Note verbale dated 28 October 2020 from the Permanent Mission
of the United States of America to the United Nations (Vienna)
addressed to the Secretary-General**

The Permanent Mission of the United States of America to the United Nations (Vienna), in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution [3235 \(XXIX\)](#), annex), has the honour to transmit registration data on objects launched into outer space by the United States for August 2020 (see annex).¹

The United States requests that the space objects contained in the annex to the present document be placed on the Register of Objects Launched into Outer Space maintained by the United Nations. In submitting this request, the United States notes that, consistent with its long-standing registration practice, the United States is not necessarily a launching State for each of the space objects it registers. The United States makes this request in the spirit of contributing to the practical effectiveness of the treaties and is providing information to the greatest extent practicable.

¹ The data on space objects referenced in the annex were entered into the Register of Objects Launched into Outer Space on 30 October 2020.



Annex

Registration data on space launches by the United States of America for August 2020*

The following report supplements the registration data on United States space launches as at 31 August 2020.

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object
				Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	
The following objects were launched since the last report and remain in orbit:								
2020-055A	Starlink-1522	7 August 2020	AFETR	93.30	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055B	Starlink-1523	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055C	Starlink-1526	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055D	Starlink-1534	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055E	Starlink-1544	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055F	Starlink-1555	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055G	Starlink-1556	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055H	Starlink-1557	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055J	Starlink-1558	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055K	Starlink-1560	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055L	Starlink-1565	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055M	Starlink-1567	7 August 2020	AFETR	93	52.99	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055N	Starlink-1569	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055P	Starlink-1576	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

* The registration data are reproduced in the form in which they were received.

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object
				Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	
2020-055Q	Starlink-1580	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055R	Starlink-1581	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055S	Starlink-1582	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055T	Starlink-1584	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055U	Starlink-1591	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055V	Starlink-1514	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055W	Starlink-1524	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055X	Starlink-1527	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055Y	Starlink-1530	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055Z	Starlink-1535	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AA	Starlink-1540	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AB	Starlink-1541	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AC	Starlink-1543	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AD	Starlink-1548	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AE	Starlink-1554	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AF	Starlink-1561	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AG	Starlink-1562	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AH	Starlink-1564	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object
				Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	
2020-055AJ	Starlink-1570	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AK	Starlink-1572	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AL	Starlink-1573	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AM	Starlink-1574	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AN	Starlink-1577	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AP	Starlink-1583	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AQ	Starlink-1515	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AR	Starlink-1525	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AS	Starlink-1529	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AT	Starlink-1532	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AU	Starlink-1533	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AV	Starlink-1536	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AW	Starlink-1538	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AX	Starlink-1539	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AY	Starlink-1542	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055AZ	Starlink-1549	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055BA	Starlink-1551	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055BB	Starlink-1552	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object
				Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	
2020-055BC	Starlink-1559	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055BD	Starlink-1563	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055BE	Starlink-1566	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055BF	Starlink-1568	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055BG	Starlink-1571	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055BH	Starlink-1578	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055BJ	Starlink-1579	7 August 2020	AFETR	93	53	401	388	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055BP	Global-7	7 August 2020	AFETR	92.6	53	404	396	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-055BQ	Global-8	7 August 2020	AFETR	92.6	53	406	400	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-056B	MEV-2	15 August 2020	FRGUI	738.6	3.5	37 447	6 107	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-056C	Galaxy 30	15 August 2020	FRGUI	1 436.1	0.02	35 789	35 784	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057A	Starlink-1585	18 August 2020	AFETR	91.7	53	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057B	Starlink-1588	18 August 2020	AFETR	91.7	53	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057C	Starlink-1593	18 August 2020	AFETR	91.7	53	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057D	Starlink-1601	18 August 2020	AFETR	91.7	53	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057E	Starlink-1602	18 August 2020	AFETR	91.7	53	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057F	Starlink-1604	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057G	Starlink-1605	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object
				Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	
2020-057H	Starlink-1614	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057J	Starlink-1618	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057K	Starlink-1619	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057L	Starlink-1621	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057M	Starlink-1622	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057N	Starlink-1623	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057P	Starlink-1624	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057Q	Starlink-1625	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057R	Starlink-1630	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057S	Starlink-1637	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057T	Starlink-1638	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057U	Starlink-1639	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057V	Starlink-1643	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057W	Starlink-1586	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057X	Starlink-1590	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057Y	Starlink-1592	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057Z	Starlink-1594	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AA	Starlink-1596	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object
				Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	
2020-057AB	Starlink-1597	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AC	Starlink-1599	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AD	Starlink-1606	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AE	Starlink-1607	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AF	Starlink-1608	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AG	Starlink-1611	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AH	Starlink-1616	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AJ	Starlink-1620	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AK	Starlink-1629	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AL	Starlink-1631	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AM	Starlink-1634	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AN	Starlink-1636	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AP	Starlink-1642	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AQ	Starlink-1667	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AR	Starlink-1545	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AS	Starlink-1587	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AT	Starlink-1589	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AU	Starlink-1595	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

International designation	Name of the space object	Date of the launch	Location of the launch	Basic orbital characteristics				General function of the space object
				Nodal period (min)	Inclination (degrees)	Apogee (km)	Perigee (km)	
2020-057AV	Starlink-1598	18 August 2020	AFETR	91.7	51.64	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AW	Starlink-1600	18 August 2020	AFETR	91.7	53	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AX	Starlink-1603	18 August 2020	AFETR	91.7	53	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AY	Starlink-1610	18 August 2020	AFETR	91.7	53	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057AZ	Starlink-1612	18 August 2020	AFETR	91.7	53	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057BA	Starlink-1613	18 August 2020	AFETR	91.7	53	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057BB	Starlink-1615	18 August 2020	AFETR	91.7	53	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057BC	Starlink-1626	18 August 2020	AFETR	91.7	53	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057BD	Starlink-1627	18 August 2020	AFETR	91.7	53	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057BE	Starlink-1628	18 August 2020	AFETR	91.7	53	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057BF	Starlink-1632	18 August 2020	AFETR	91.7	53	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057BG	Starlink-1633	18 August 2020	AFETR	91.7	53	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057BH	Starlink-1635	18 August 2020	AFETR	91.7	53	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057BJ	Starlink-1640	18 August 2020	AFETR	93	53	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057BK	Starlink-1641	18 August 2020	AFETR	93	53	367	361	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057BQ	SkySat C17	18 August 2020	AFETR	93	53	365	349	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057BR	SkySat C18	18 August 2020	AFETR	90.8	53	351	273	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-057BS	SkySat C19	18 August 2020	AFETR	91.6	53	358	343	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

<i>International designation</i>	<i>Name of the space object</i>	<i>Date of the launch</i>	<i>Location of the launch</i>	<i>Basic orbital characteristics</i>				<i>General function of the space object</i>
				<i>Nodal period (min)</i>	<i>Inclination (degrees)</i>	<i>Apogee (km)</i>	<i>Perigee (km)</i>	
2020-059B	GNOMES-1	30 August 2020	AFETR	96.8	97.9	609	600	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
2020-060B	Capella-2	31 August 2020	RLLC	95.4	45.1	546	531	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

The following objects not previously reported have been identified since the last report:

None.

The following objects not previously reported have been identified since the last report but are no longer in orbit as at 2359Z on 31 August 2020:

None.

The following objects achieved orbit since the last report but are no longer in orbit as at 2359Z on 31 August 2020:

None.

The following objects identified on a previous report are no longer in orbit as at 2359Z on 31 August 2020:

None.

The following objects were launched since the last report but did not achieve orbit:

1964-054A, 2018-020B, 2018-020C, 2019-022L, 2019-029B, 2019-029H, 2019-029N, 2019-029W, 2019-029AM, 2019-029AR, 2019-029AU, 2020-033A

Revisions that should be made to previously reported data:

None.

Abbreviations: AFETR, United States Air Force Eastern Test Range; FRGUI, Guiana Space Centre, French Guiana; RLLC, Rocket Lab Launch Complex 1, Mahia Peninsula, New Zealand.