ID	Satellite	Main Agency	Launch	EOL	Service	Direction or sensing mode	Frequency	Emission designator	Bandwidth	Polarisation	Data rate or Baseband	D/A	Comments
1304	NOAA-18	NOAA	20.05.2005	≥2019	HRPT	S-E	1707 MHz	5M34G7D	4000 kHz	RHCP	665 kbps	D	Full information data
1320	NOAA-19	NOAA	06.02.2009	≥2019	HRPT	S-E	1707 MHz	5M34G7D	4000 kHz	RHCP	665 kbps	D	Full information data
1336	JPSS-2	NOAA	≥2022	≥2029	LRD	S-E	1707 MHz	6M0G7D	6000 kHz	RHCP		D	Real-time Low Rate Data
61	Metop-A	EUMETSAT	19.10.2006	≥2021	AHRPT	S-E	1707 MHz	4M50G1D	4500 kHz	RHCP	3500 kbps	D	High resolution data - used part time
1902	JPSS-3	NOAA	≥2026	≥2033	LRD	S-E	1707 MHz	6M0G7D	6000 kHz	RHCP		D	Real-time Low Rate Data
1915	JPSS-4	NOAA	≥2031	≥2038	LRD	S-E	1707 MHz	6M0G7D	6000 kHz	RHCP		D	Real-time Low Rate Data
739	Metop-C	EUMETSAT	07.11.2018	≥2025	AHRPT	S-E	1707 MHz	4M50G1D	4500 kHz	RHCP	3500 kbps	D	High resolution data - used part time
499	Metop-B	EUMETSAT	17.09.2012	≥2024	AHRPT	S-E	1707 MHz	4M50G1D	4500 kHz	RHCP	3500 kbps	D	High resolution data - backup
1272	NOAA-16	NOAA	21.09.2000	09.06.2014	HRPT	S-E	1707 MHz	5M34G7D	4000 kHz	RHCP	665 kbps	D	Full information data
253	NOAA-15	NOAA	13.05.1998	≥2019	HRPT	S-E	1707 MHz	5M34G7D	4000 kHz	RHCP	665 kbps	D	Full information data
1537	Meteor-M N2-2	RosHydroMet	05.07.2019	≥2024	AHRPT	S-E	1705 MHz	3M00G7D	3000 kHz	RHCP	3000 kbps	D	High resolution data + DCP reports
1805	Meteor-M N2-3	RosHydroMet	≥2020	≥2025	AHRPT	S-E	1705 MHz	3M00G7D	3000 kHz	RHCP	3000 kbps	D	High resolution data + DCP reports
1820	Meteor-M N2-4	RosHydroMet	≥2021	≥2026	AHRPT	S-E	1705 MHz	3M00G7D	3000 kHz	RHCP	3000 kbps	D	High resolution data + DCP reports
1835	Meteor-M N2-5	RosHydroMet	≥2023	≥2028	AHRPT	S-E	1705 MHz	3M00G7D	3000 kHz	RHCP	3000 kbps	D	High resolution data + DCP reports
3638	Meteor-M N2-6	RosHydroMet	≥2024	≥2029	AHRPT	S-E	1705 MHz	3M00G7D	3000 kHz	RHCP	3000 kbps	D	High resolution data + DCP reports
366	Meteor-M N1	RosHydroMet	17.09.2009	23.09.2014	AHRPT	S-E	1705 MHz	3M00G7D	3000 kHz	RHCP	3000 kbps	D	High resolution data + DCP reports
1499	Meteor-M N2	RosHydroMet	08.07.2014	≥2019	AHRPT	S-E	1705 MHz	3M00G7D	3000 kHz	RHCP	3000 kbps	D	High resolution data + DCP reports
1518	Meteor-M N2-1	RosHydroMet	28.11.2017	28.11.2017	AHRPT	S-E	1705 MHz	3M00G7D	3000 kHz	RHCP	3000 kbps	D	High resolution data + DCP reports
336	FY-3A	CMA	27.05.2008	05.01.2015	AHRPT	S-E	1704.5 MHz	6M80G1W	6800 kHz	RHCP	4200 kbps	D	Other instrument data
339	FY-3B	CMA	04.11.2010	≥2019	AHRPT	S-E	1704.5 MHz	6M80G1W	6800 kHz	RHCP	4200 kbps	D	Other instrument data
1286	NOAA-17	NOAA	24.06.2002	10.04.2013	HRPT	S-E	1702.5 MHz	5M34G7D	4000 kHz	LHCP	665 kbps	D	Full information data
1302	NOAA-18	NOAA	20.05.2005	≥2019	HRPT	S-E	1702.5 MHz	5M34G7D	4000 kHz	LHCP	665 kbps	D	Full information data
1318	NOAA-19	NOAA	06.02.2009	≥2019	HRPT	S-E	1702.5 MHz	5M34G7D	4000 kHz	LHCP	665 kbps	D	Full information data
1270	NOAA-16	NOAA	21.09.2000	09.06.2014	HRPT	S-E	1702.5 MHz	5M34G7D	4000 kHz	LHCP	665 kbps	D	Full information data
251	NOAA-15	NOAA	13.05.1998	≥2019	HRPT	S-E	1702.5 MHz	5M34G7D	4000 kHz	LHCP	665 kbps	D	Full information data
1745	FY-3C	CMA	23.09.2013	≥2019	AHRPT	S-E	1701.4 MHz	6M80G1W	6800 kHz	RHCP	4200 kbps	D	Other instrument data
60	Metop-A	EUMETSAT	19.10.2006	≥2021	AHRPT	S-E	1701.3 MHz	4M50G1D	4500 kHz	RHCP	3500 kbps	D	High resolution data - not in use
738	Metop-C	EUMETSAT	07.11.2018	≥2025	AHRPT	S-E	1701.3 MHz	4M50G1D	4500 kHz	RHCP	3500 kbps	D	High resolution data - not in use
498	Metop-B	EUMETSAT	17.09.2012	≥2024	AHRPT	S-E	1701.3 MHz	4M50G1D	4500 kHz	RHCP	3500 kbps	D	High resolution data
1536	Meteor-M N2-2	RosHydroMet	05.07.2019	≥2024	AHRPT	S-E	1700 MHz	3M00G7D	3000 kHz	RHCP	3000 kbps	D	High resolution data + DCP reports
1804	Meteor-M N2-3	RosHydroMet	≥2020	≥2025	AHRPT	S-E	1700 MHz	3M00G7D	3000 kHz	RHCP	3000 kbps	D	High resolution data + DCP reports
1819	Meteor-M N2-4	RosHydroMet	≥2021	≥2026	AHRPT	S-E	1700 MHz	3M00G7D	3000 kHz	RHCP	3000 kbps	D	High resolution data + DCP reports
1834	Meteor-M N2-5	RosHydroMet	≥2023	≥2028	AHRPT	S-E	1700 MHz	3M00G7D	3000 kHz	RHCP	3000 kbps	D	High resolution data + DCP reports
3637	Meteor-M N2-6	RosHydroMet	≥2024	≥2029	AHRPT	S-E	1700 MHz	3M00G7D	3000 kHz	RHCP	3000 kbps	D	High resolution data + DCP reports
365	Meteor-M N1	RosHydroMet	17.09.2009	23.09.2014	AHRPT	S-E	1700 MHz	3M00G7D	3000 kHz	RHCP	3000 kbps	D	High resolution data + DCP reports
1498	Meteor-M N2	RosHydroMet	08.07.2014	≥2019	AHRPT	S-E	1700 MHz	3M00G7D	3000 kHz	RHCP	3000 kbps	D	High resolution data + DCP reports
1517	Meteor-M N2-1	RosHydroMet	28.11.2017	28.11.2017	AHRPT	S-E	1700 MHz	3M00G7D	3000 kHz	RHCP	3000 kbps	D	High resolution data + DCP reports
1567	FY-2A	CMA	10.06.1997	08.04.1998	S-FAX	S-E	1699.5 MHz	26K0FXD	26 kHz	linear		A	Information
1585	FY-2B	CMA	25.06.2000	2004	S-FAX	S-E	1699.5 MHz	26K0FXD	26 kHz	linear		A	Information
1287	NOAA-17	NOAA	24.06.2002	10.04.2013	HRPT	S-E	1698 MHz	5M34G7D	4000 kHz	RHCP	665 kbps	D	Full information data
1303	NOAA-18	NOAA	20.05.2005	≥2019	HRPT	S-E	1698 MHz	5M34G7D	4000 kHz	RHCP	665 kbps	D	Full information data
1319	NOAA-19	NOAA	06.02.2009	≥2019	HRPT	S-E	1698 MHz	5M34G7D	4000 kHz	RHCP	665 kbps	D	Full information data
1337	JPSS-2	NOAA	≥2022	≥2029	LRD	S-E	1698 MHz	6M0G7D	6000 kHz	RHCP		D	Real-time Low Rate Data
1903	JPSS-3	NOAA	≥2026	≥2033	LRD	S-E	1698 MHz	6M0G7D	6000 kHz	RHCP		D	Real-time Low Rate Data
1916	JPSS-4	NOAA	≥2031	≥2038	LRD	S-E	1698 MHz	6M0G7D	6000 kHz	RHCP		D	Real-time Low Rate Data
1271	NOAA-16	NOAA	21.09.2000	09.06.2014	HRPT	S-E	1698 MHz	5M34G7D	4000 kHz	RHCP	665 kbps	D	Full information data
252	NOAA-15	NOAA	13.05.1998	≥2019	HRPT	S-E	1698 MHz	5M34G7D	4000 kHz	RHCP	665 kbps	D	Full information data
1792	Electro-L N4	RosHydroMet	≥2021	≥2031	DCSA	S-E	1697 MHz	2K40G1D	2000 kHz	linear	1.200 kbps	D	DCP report relay
1794	Electro-L N4	RosHydroMet	≥2021	≥2031	DCSA	S-E	1697 MHz	400HG2D	400 kHz	linear	0.100 kbps	D	DCP report relay
3625	Electro-L N5	RosHydroMet	≥2022	≥2032	DCSA	S-E	1697 MHz	2K40G1D	2000 kHz	linear	1.200 kbps	D	DCP report relay
3627	Electro-L N5	RosHydroMet	≥2022	≥2032	DCSA	S-E	1697 MHz	400HG2D	400 kHz	linear	0.100 kbps	D	DCP report relay
1371	Electro-L N1	RosHydroMet	20.01.2011	2016	DCSA	S-E	1697 MHz	2K40G1D	2000 kHz	linear	1.200 kbps	D	DCP report relay
1373	Electro-L N1	RosHydroMet	20.01.2011	2016	DCSA	S-E	1697 MHz	400HG2D	400 kHz	linear	0.100 kbps	D	DCP report relay
1453	Electro-L N2	RosHydroMet	11.12.2015	≥2025	DCSA	S-E	1697 MHz	2K40G1D	2000 kHz	linear	1.200 kbps	D	DCP report relay
1710	FY-4A	CMA	10.12.2016	≥2021	LRIT & WAIB	S-E	1697 MHz		2000 kHz	linear		D	Selected data and information
1455	Electro-L N2	RosHydroMet	11.12.2015	≥2025	DCSA	S-E	1697 MHz	400HG2D	400 kHz	linear	0.100 kbps	D	DCP report relay
1483	Electro-L N3	RosHydroMet	≥2019-12	≥2029	DCSA	S-E	1697 MHz	2K40G1D	2000 kHz	linear	1.200 kbps	D	DCP report relay
1485	Electro-L N3	RosHydroMet	≥2019-12	≥2029	DCSA	S-E	1697 MHz	400HG2D	400 kHz	linear	0.100 kbps	D	DCP report relay
1793	Electro-L N4	RosHydroMet	≥2021	≥2031	DCSA	S-E	1696.4 MHz	400HG2D	400 kHz	linear	0.100 kbps	D	DCP report relay
3624	Electro-L N5	RosHydroMet	≥2022	≥2032	DCSA	S-E	1696.4 MHz	2K40G1D	2000 kHz	linear	1.200 kbps	D	DCP report relay
3626	Electro-L N5	RosHydroMet	≥2022	≥2032	DCSA	S-E	1696.4 MHz	400HG2D	400 kHz	linear	0.100 kbps	D	DCP report relay
1370	Electro-L N1	RosHydroMet	20.01.2011	2016	DCSA	S-E	1696.4 MHz	2K40G1D	2000 kHz	linear	1.200 kbps	D	DCP report relay
1372	Electro-L N1	RosHydroMet	20.01.2011	2016	DCSA	S-E	1696.4 MHz	400HG2D	400 kHz	linear	0.100 kbps	D	DCP report relay
1452	Electro-L N2	RosHydroMet	11.12.2015	≥2025	DCSA	S-E	1696.4 MHz	2K40G1D	2000 kHz	linear	1.200 kbps	D	DCP report relay
1454	Electro-L N2	RosHydroMet	11.12.2015	≥2025	DCSA	S-E	1696.4 MHz	400HG2D	400 kHz	linear	0.100 kbps	D	DCP report relay
1482	Electro-L N3	RosHydroMet	≥2019-12	≥2029	DCSA	S-E	1696.4 MHz	2K40G1D	2000 kHz	linear	1.200 kbps	D	DCP report relay
1484	Electro-L N3	RosHydroMet	≥2019-12	≥2029	DCSA	S-E	1696.4 MHz	400HG2D	400 kHz	linear	0.100 kbps	D	DCP report relay
1791	Electro-L N4	RosHydroMet	≥2021	≥2031	DCSA	S-E	1696.4 MHz	2K40G1D	2000 kHz	linear	1.200 kbps	D	DCP report relay
535	Meteosat-7 (IODC)	EUMETSAT	05.12.2006	01.02.2017	MDD	S-E	1695.74 MHz	200KGXX	120 kHz	linear	2.4 kbps	D	Information
565	Meteosat-6	EUMETSAT	20.11.1993	27.04.2007	MDD	S-E	1695.74 MHz	200KGXX	120 kHz	linear	2.4 kbps	D	Information
595	Meteosat-5	EUMETSAT	02.03.1991	01.06.1998	MDD	S-E	1695.74 MHz	200KGXX	120 kHz	linear	2.4 kbps	D	Information
610	Meteosat-4	EUMETSAT	06.03.1989	08.11.1995	MDD	S-E	1695.74 MHz	200KGXX	120 kHz	linear	2.4 kbps	D	Information
443	Meteosat-7	EUMETSAT	02.09.1997	05.12.2006	MDD	S-E	1695.74 MHz	200KGXX	120 kHz	linear	2.4 kbps	D	Information
395	COMS	KMA	26.06.2010	≥2019	HRIT	S-E	1695.4 MHz	6M00G1D	5200 kHz	linear	3000 kbps	D	High resolution data
2061	Meteosat-8 (IODC)	EUMETSAT	15.09.2016	≥2022	HRIT	S-E	1695.15 MHz	2M00G1D	2000 kHz	linear	1000 kbps	D	High resolution data - not in use
23	Meteosat-8	EUMETSAT	28.08.2002	04.07.2016	HRIT	S-E	1695.15 MHz	2M00G1D	2000 kHz	linear	1000 kbps	D	High resolution data - not in use
619	Meteosat-9	EUMETSAT	21.12.2005	≥2024	HRIT	S-E	1695.15 MHz	2M00G1D	2000 kHz	linear	1000 kbps	D	High resolution data - not in use
634	Meteosat-10	EUMETSAT	05.07.2012	≥2024	HRIT	S-E	1695.15 MHz	2M00G1D	2000 kHz	linear	1000 kbps	D	High resolution data - not operational
649	Meteosat-11	EUMETSAT	15.07.2015	≥2024	HRIT	S-E	1695.15 MHz	2M00G1D	2000 kHz	linear	1000 kbps	D	High resolution data - not planned to be used
770	GOES-15	NOAA	04.03.2010	≥2020	DCPR	S-E	1694.8 MHz	400K00G9D	150 kHz	linear	0.100 kbps	D	DCP report relay
772	GOES-15	NOAA	04.03.2010	≥2020	DCPR	S-E	1694.8 MHz	400KG7DBF	150 kHz	linear	0.300 kbps	D	DCP report relay
774	GOES-15	NOAA	04.03.2010	≥2020	DCPR	S-E	1694.8 MHz	400KG7DEF	150 kHz	linear	1.200 kbps	D	DCP report relay

1047	GOES-10	NOAA	25.04.1997	01.12.2006	DCPR	S-E	1694.8 MHz	400K00G9D	150 kHz	RHCP	0.100 kbps	D	DCP report relay
812	GOES-13	NOAA	24.05.2006	≥2019	DCPR	S-E	1694.8 MHz	400K00G9D	150 kHz	linear	0.100 kbps	D	DCP report relay
814	GOES-13	NOAA	24.05.2006	≥2019	DCPR	S-E	1694.8 MHz	400KG7DBF	150 kHz	linear	0.300 kbps	D	DCP report relay
816	GOES-13	NOAA	24.05.2006	≥2019	DCPR	S-E	1694.8 MHz	400KG7DEF	150 kHz	linear	1.200 kbps	D	DCP report relay
1077	GOES-10 (S-America)	NOAA	01.12.2006	02.12.2009	DCPR	S-E	1694.8 MHz	400K00G9D	150 kHz	RHCP	0.100 kbps	D	DCP report relay
1107	GOES-11	NOAA	03.05.2000	05.12.2011	DCPR	S-E	1694.8 MHz	400K00G9D	150 kHz	RHCP	0.100 kbps	D	DCP report relay
854	GOES-14	NOAA	27.06.2009	≥2019	DCPR	S-E	1694.8 MHz	400K00G9D	150 kHz	linear	0.100 kbps	D	DCP report relay
856	GOES-14	NOAA	27.06.2009	≥2019	DCPR	S-E	1694.8 MHz	400KG7DBF	150 kHz	linear	0.300 kbps	D	DCP report relay
858	GOES-14	NOAA	27.06.2009	≥2019	DCPR	S-E	1694.8 MHz	400KG7DEF	150 kHz	linear	1.200 kbps	D	DCP report relay
1137	GOES-12	NOAA	23.07.2001	10.05.2010	DCPR	S-E	1694.8 MHz	400K00G9D	150 kHz	RHCP	0.100 kbps	D	DCP report relay
896	GOES-8	NOAA	13.04.1994	05.05.2004	DCPR	S-E	1694.8 MHz	400K00G9D	150 kHz	RHCP	0.100 kbps	D	DCP report relay
1167	GOES-12 (S-America)	NOAA	10.05.2010	16.08.2013	DCPR	S-E	1694.8 MHz	400K00G9D	150 kHz	RHCP	0.100 kbps	D	DCP report relay
987	GOES-9	NOAA	23.05.1995	22.05.2003	DCPR	S-E	1694.8 MHz	400K00G9D	150 kHz	RHCP	0.100 kbps	D	DCP report relay
1017	GOES-9 (GMS backup)	NOAA	22.05.2003	24.07.2006	DCPR	S-E	1694.8 MHz	400K00G9D	150 kHz	RHCP	0.100 kbps	D	DCP report relay
769	GOES-15	NOAA	04.03.2010	≥2020	DCPR	S-E	1694.5 MHz	400K00G9D	150 kHz	linear	0.100 kbps	D	DCP report relay
771	GOES-15	NOAA	04.03.2010	≥2020	DCPR	S-E	1694.5 MHz	400KG7DBF	150 kHz	linear	0.300 kbps	D	DCP report relay
773	GOES-15	NOAA	04.03.2010	≥2020	DCPR	S-E	1694.5 MHz	400KG7DEF	150 kHz	linear	1.200 kbps	D	DCP report relay
529	Meteosat-7 (IODC)	EUMETSAT	05.12.2006	01.02.2017	HRI	S-E	1694.5 MHz	660KG1D	660 kHz	linear	166.6 kbps	D	High resolution data
1046	GOES-10	NOAA	25.04.1997	01.12.2006	DCPR	S-E	1694.5 MHz	400K00G9D	150 kHz	RHCP	0.100 kbps	D	DCP report relay
544	Meteosat-6 (IODC)	EUMETSAT	27.04.2007	15.04.2011	HRI	S-E	1694.5 MHz	660KG1D	660 kHz	linear	166.6 kbps	D	High resolution data
811	GOES-13	NOAA	24.05.2006	≥2019	DCPR	S-E	1694.5 MHz	400K00G9D	150 kHz	linear	0.100 kbps	D	DCP report relay
813	GOES-13	NOAA	24.05.2006	≥2019	DCPR	S-E	1694.5 MHz	400KG7DBF	150 kHz	linear	0.300 kbps	D	DCP report relay
559	Meteosat-6	EUMETSAT	20.11.1993	27.04.2007	HRI	S-E	1694.5 MHz	660KG1D	660 kHz	linear	166.6 kbps	D	High resolution data
815	GOES-13	NOAA	24.05.2006	≥2019	DCPR	S-E	1694.5 MHz	400KG7DEF	150 kHz	linear	1.200 kbps	D	DCP report relay
1076	GOES-10 (S-America)	NOAA	01.12.2006	02.12.2009	DCPR	S-E	1694.5 MHz	400K00G9D	150 kHz	RHCP	0.100 kbps	D	DCP report relay
574	Meteosat-5 (IODC)	EUMETSAT	01.06.1998	26.04.2007	HRI	S-E	1694.5 MHz	660KG1D	660 kHz	linear	166.6 kbps	D	High resolution data
589	Meteosat-5	EUMETSAT	02.03.1991	01.06.1998	HRI	S-E	1694.5 MHz	660KG1D	660 kHz	linear	166.6 kbps	D	High resolution data
1106	GOES-11	NOAA	03.05.2000	05.12.2011	DCPR	S-E	1694.5 MHz	400K00G9D	150 kHz	RHCP	0.100 kbps	D	DCP report relay
853	GOES-14	NOAA	27.06.2009	≥2019	DCPR	S-E	1694.5 MHz	400K00G9D	150 kHz	linear	0.100 kbps	D	DCP report relay
855	GOES-14	NOAA	27.06.2009	≥2019	DCPR	S-E	1694.5 MHz	400KG7DBF	150 kHz	linear	0.300 kbps	D	DCP report relay
857	GOES-14	NOAA	27.06.2009	≥2019	DCPR	S-E	1694.5 MHz	400KG7DEF	150 kHz	linear	1.200 kbps	D	DCP report relay
604	Meteosat-4	EUMETSAT	06.03.1989	08.11.1995	HRI	S-E	1694.5 MHz	660KG1D	660 kHz	linear	166.6 kbps	D	High resolution data
1136	GOES-12	NOAA	23.07.2001	10.05.2010	DCPR	S-E	1694.5 MHz	400K00G9D	150 kHz	RHCP	0.100 kbps	D	DCP report relay
895	GOES-8	NOAA	13.04.1994	05.05.2004	DCPR	S-E	1694.5 MHz	400K00G9D	150 kHz	RHCP	0.100 kbps	D	DCP report relay
1166	GOES-12 (S-America)	NOAA	10.05.2010	16.08.2013	DCPR	S-E	1694.5 MHz	400K00G9D	150 kHz	RHCP	0.100 kbps	D	DCP report relay
411	Himawari-6 (MTSAT-1R)	JMA	26.02.2005	04.12.2015	DCS	S-E	1694.3 - 1694.7 MHz	2K00G1D	2 kHz	linear	0.1 kbps	D	DCP report relay
412	Himawari-6 (MTSAT-1R)	JMA	26.02.2005	04.12.2015	DCS	S-E	1694.3 - 1694.7 MHz	4K00G1D	4 kHz	linear	0.3 kbps	D	DCP report relay
413	Himawari-6 (MTSAT-1R)	JMA	26.02.2005	04.12.2015	DCS	S-E	1694.3 - 1694.7 MHz	6K00G1D	6 kHz	linear	0.6 kbps	D	DCP report relay
469	Himawari-7 (MTSAT-2)	JMA	18.02.2006	10.05.2016	DCS	S-E	1694.3 - 1694.7 MHz	2K00G1D	2 kHz	linear	0.1 kbps	D	DCP report relay
470	Himawari-7 (MTSAT-2)	JMA	18.02.2006	10.05.2016	DCS	S-E	1694.3 - 1694.7 MHz	4K00G1D	4 kHz	linear	0.3 kbps	D	DCP report relay
471	Himawari-7 (MTSAT-2)	JMA	18.02.2006	10.05.2016	DCS	S-E	1694.3 - 1694.7 MHz	6K00G1D	6 kHz	linear	0.6 kbps	D	DCP report relay
986	GOES-9	NOAA	23.05.1995	22.05.2003	DCPR	S-E	1694.5 MHz	400K00G9D	150 kHz	RHCP	0.100 kbps	D	DCP report relay
223	Meteosat-7	EUMETSAT	02.09.1997	05.12.2006	HRI	S-E	1694.5 MHz	660KG1D	660 kHz	linear	166.6 kbps	D	High resolution data
1016	GOES-9 (GMS backup)	NOAA	22.05.2003	24.07.2006	DCPR	S-E	1694.5 MHz	400K00G9D	150 kHz	RHCP	0.100 kbps	D	DCP report relay
929	GOES-16	NOAA	19.11.2016	≥2027	HRIT/EMWIN	S-E	1694.1 MHz	1M21G1DDN	1000 kHz	linear		D	Selected data and information
931	GOES-16	NOAA	19.11.2016	≥2027	HRIT/EMWIN	S-E	1694.1 MHz	1M50G1D	1000 kHz	linear		D	Selected data and information
1958	GOES-17	NOAA	01.03.2018	≥2029	HRIT/EMWIN	S-E	1694.1 MHz	1M21G1DDN	1000 kHz	RHCP		D	Selected data and information
1959	GOES-17	NOAA	01.03.2018	≥2029	HRIT/EMWIN	S-E	1694.1 MHz	1M50G1D	1000 kHz	RHCP		D	Selected data and information
1989	GOES-T	NOAA	≥2020	≥2031	HRIT/EMWIN	S-E	1694.1 MHz	1M21G1D	1000 kHz	RHCP		D	Selected data and information
1990	GOES-T	NOAA	≥2020	≥2031	HRIT/EMWIN	S-E	1694.1 MHz	1M50G1D	1000 kHz	RHCP		D	Selected data and information
2020	GOES-U	NOAA	≥2025	≥2036	HRIT/EMWIN	S-E	1694.1 MHz	1M21G1DDN	1000 kHz	RHCP		D	Selected data and information
2021	GOES-U	NOAA	≥2025	≥2036	HRIT/EMWIN	S-E	1694.1 MHz	1M50G1D	1000 kHz	RHCP		D	Selected data and information
1028	GOES-9 (GMS backup)	NOAA	22.05.2003	24.07.2006	Telemetry	S-E	1694 MHz	8K00G1D	20 kHz	RHCP	2.0 kbps	D	Telemetry
788	GOES-15	NOAA	04.03.2010	≥2020	Telemetry	S-E	1694 MHz	4K00G9D	2 kHz	RHCP	4.0 kbps	D	Telemetry
789	GOES-15	NOAA	04.03.2010	≥2020	Telemetry	S-E	1694 MHz	16K0G1DBN	16 kHz	RHCP	4.0 kbps	D	Telemetry
1058	GOES-10	NOAA	25.04.1997	01.12.2006	Telemetry	S-E	1694 MHz	8K00G1D	20 kHz	RHCP	2.0 kbps	D	Telemetry
830	GOES-13	NOAA	24.05.2006	≥2019	Telemetry	S-E	1694 MHz	4K00G9D	2 kHz	RHCP	4.0 kbps	D	Telemetry
831	GOES-13	NOAA	24.05.2006	≥2019	Telemetry	S-E	1694 MHz	16K0G1DBN	16 kHz	RHCP	4.0 kbps	D	Telemetry
1088	GOES-10 (S-America)	NOAA	01.12.2006	02.12.2009	Telemetry	S-E	1694 MHz	8K00G1D	20 kHz	RHCP	2.0 kbps	D	Telemetry
1118	GOES-11	NOAA	03.05.2000	05.12.2011	Telemetry	S-E	1694 MHz	8K00G1D	20 kHz	RHCP	2.0 kbps	D	Telemetry
872	GOES-14	NOAA	27.06.2009	≥2019	Telemetry	S-E	1694 MHz	4K00G9D	2 kHz	RHCP	4.0 kbps	D	Telemetry
873	GOES-14	NOAA	27.06.2009	≥2019	Telemetry	S-E	1694 MHz	16K0G1DBN	16 kHz	RHCP	4.0 kbps	D	Telemetry
1148	GOES-12	NOAA	23.07.2001	10.05.2010	Telemetry	S-E	1694 MHz	8K00G1D	20 kHz	RHCP	2.0 kbps	D	Telemetry
914	GOES-8	NOAA	13.04.1994	05.05.2004	Telemetry	S-E	1694 MHz	8K00G1D	20 kHz	RHCP	2.0 kbps	D	Telemetry
1178	GOES-12 (S-America)	NOAA	10.05.2010	16.08.2013	Telemetry	S-E	1694 MHz	8K00G1D	20 kHz	RHCP	2.0 kbps	D	Telemetry
417	Himawari-6 (MTSAT-1R)	JMA	26.02.2005	04.12.2015	TM	S-E	1694 MHz	400KGXX	400 kHz	linear	7.68 kbps	D	Telemetry
475	Himawari-7 (MTSAT-2)	JMA	18.02.2006	10.05.2016	TM	S-E	1694 MHz	400KGXX	400 kHz	linear	7.68 kbps	D	Telemetry
998	GOES-9	NOAA	23.05.1995	22.05.2003	Telemetry	S-E	1694 MHz	8K00G1D	20 kHz	RHCP	2.0 kbps	D	Telemetry
1052	GOES-10	NOAA	25.04.1997	01.12.2006	EMWIN-N	S-E	1693.4 MHz	227K0G1D	27 kHz	RHCP	9.5 kbps	D	Information
1082	GOES-10 (S-America)	NOAA	01.12.2006	02.12.2009	EMWIN-N	S-E	1693.4 MHz	227K0G1D	27 kHz	RHCP	9.5 kbps	D	Information
1112	GOES-11	NOAA	03.05.2000	05.12.2011	EMWIN-N	S-E	1693.4 MHz	227K0G1D	27 kHz	RHCP	9.5 kbps	D	Information
1142	GOES-12	NOAA	23.07.2001	10.05.2010	EMWIN-N	S-E	1693.4 MHz	227K0G1D	27 kHz	RHCP	9.5 kbps	D	Information
906	GOES-8	NOAA	13.04.1994	05.05.2004	EMWIN-N	S-E	1693.4 MHz	227K0G1D	27 kHz	RHCP	9.5 kbps	D	Information
1172	GOES-12 (S-America)	NOAA	10.05.2010	16.08.2013	EMWIN-N	S-E	1693.4 MHz	227K0G1D	27 kHz	RHCP	9.5 kbps	D	Information
992	GOES-9	NOAA	23.05.1995	22.05.2003	EMWIN-N	S-E	1693.4 MHz	227K0G1D	27 kHz	RHCP	9.5 kbps	D	Information
1022	GOES-9 (GMS backup)	NOAA	22.05.2003	24.07.2006	EMWIN-N	S-E	1693.4 MHz	227K0G1D	27 kHz	RHCP	9.5 kbps	D	Information
3616	Electro-L N5	RosHydroMet	≥2022	≥2032	HRIT	S-E	1693 MHz	1M31G2D	2000 kHz	RHCP	665.4 kbps	D	High resolution data and information
3618	Electro-L N5	RosHydroMet	≥2022	≥2032	HRIT	S-E	1693 MHz	1M94G2D	2000 kHz	RHCP	1000 kbps	D	High resolution data and information
1362	Electro-L N1	RosHydroMet	20.01.2011	2016	HRIT	S-E	1693 MHz	1M31G2D	2000 kHz	RHCP	665.4 kbps	D	High resolution data and information
1364	Electro-L N1	RosHydroMet	20.01.2011	2016	HRIT	S-E	1693 MHz	1M94G2D	2000 kHz	RHCP	1000 kbps	D	High resolution data and information
1948	GOES-16	NOAA	19.11.2016	≥2027	Telemetry	S-E	1693 MHz	80K0G1DCN	80 kHz	RHCP		D	Telemetry
1949	GOES-16	NOAA	19.11.2016	≥2027	Telemetry	S-E	1693 MHz	8K00G1DCN	8 kHz	RHCP		D	Telemetry
1444	Electro-L N2	RosHydroMet	11.12.2015	≥2025	HRIT	S-E	1693 MHz	1M31G2D	2000 kHz	RHCP	665.4 kbps	D	High resolution data and information

1446	Electro-L N2	RosHydroMet	11.12.2015	≥2025	HRIT	S-E	1693 MHz	1M94G2D	2000 kHz	RHCP	1000 kbps	D	High resolution data and information
1716	FY-4A	CMA	10.12.2016	≥2021	TARS	S-E	1693 MHz		8000 kHz	linear		D	Ranging
1979	GOES-17	NOAA	01.03.2018	≥2029	Telemetry	S-E	1693 MHz	80K0G1DCN	80 kHz	RHCP		D	Telemetry
1980	GOES-17	NOAA	01.03.2018	≥2029	Telemetry	S-E	1693 MHz	8K00G1DCN	8 kHz	RHCP		D	Telemetry
1474	Electro-L N3	RosHydroMet	≥2019-12	≥2029	HRIT	S-E	1693 MHz	1M31G2D	2000 kHz	RHCP	665.4 kbps	D	High resolution data and information
1476	Electro-L N3	RosHydroMet	≥2019-12	≥2029	HRIT	S-E	1693 MHz	1M94G2D	2000 kHz	RHCP	1000 kbps	D	High resolution data and information
2010	GOES-T	NOAA	≥2020	≥2031	Telemetry	S-E	1693 MHz	80K0G1DCN	80 kHz	RHCP		D	Telemetry
2011	GOES-T	NOAA	≥2020	≥2031	Telemetry	S-E	1693 MHz	8K00G1DCN	8 kHz	RHCP		D	Telemetry
1783	Electro-L N4	RosHydroMet	≥2021	≥2031	HRIT	S-E	1693 MHz	1M31G2D	2000 kHz	RHCP	665.4 kbps	D	High resolution data and information
1785	Electro-L N4	RosHydroMet	≥2021	≥2031	HRIT	S-E	1693 MHz	1M94G2D	2000 kHz	RHCP	1000 kbps	D	High resolution data and information
2041	GOES-U	NOAA	≥2025	≥2036	Telemetry	S-E	1693 MHz	80K0G1DCN	80 kHz	RHCP		D	Telemetry
2042	GOES-U	NOAA	≥2025	≥2036	Telemetry	S-E	1693 MHz	8K00G1DCN	8 kHz	RHCP		D	Telemetry
780	GOES-15	NOAA	04.03.2010	≥2020	EMWIN-N	S-E	1692.7 MHz	27K0G1DCN	25 kHz	linear	9.6 kbps	D	Information
822	GOES-13	NOAA	24.05.2006	≥2019	EMWIN-N	S-E	1692.7 MHz	27K0G1DCN	25 kHz	linear	9.6 kbps	D	Information
864	GOES-14	NOAA	27.06.2009	≥2019	EMWIN-N	S-E	1692.7 MHz	27K0G1DCN	25 kHz	linear	9.6 kbps	D	Information
397	COMS	KMA	26.06.2010	≥2019	LRIT	S-E	1692.14 MHz	1M00G1D	1000 kHz	linear	512 kbps	D	Selected data
1033	GOES-10	NOAA	25.04.1997	01.12.2006	WEFAX	S-E	1691 MHz	586KG1D	50 kHz	linear	35 kHz	A	Selected data
1035	GOES-10	NOAA	25.04.1997	01.12.2006	LRIT	S-E	1691 MHz	586KG1D	660 kHz	linear	128 kbps	D	Selected data
2063	Meteosat-8 (IODC)	EUMETSAT	15.09.2016	≥2022	LRIT	S-E	1691 MHz	660KG1D	660 kHz	linear	128 kbps	D	Selected data - not in use
531	Meteosat-7 (IODC)	EUMETSAT	05.12.2006	01.02.2017	WEFAX	S-E	1691 MHz	30KG1D	30 kHz	linear	1.6 kHz	A	Selected data
25	Meteosat-8	EUMETSAT	28.08.2002	04.07.2016	LRIT	S-E	1691 MHz	660KG1D	660 kHz	linear	128 kbps	D	Selected data - not in use
282	Himawari-6 (MTSAT-1R)	JMA	26.02.2005	04.12.2015	LRIT	S-E	1691 MHz	250KG1D	250 kHz	linear	150 kbps	D	Selected data. Service terminated in Dec 2015.
1565	FY-2A	CMA	10.06.1997	08.04.1998	WEFAX	S-E	1691 MHz	260KFXD	260 kHz	linear	1.7 kHz	A	Selected data
799	GOES-13	NOAA	24.05.2006	≥2019	LRIT	S-E	1691 MHz	586KG1DCN	660 kHz	linear	128 kbps	D	Selected data
3615	Electro-L N5	RosHydroMet	≥2022	≥2032	HRIT	S-E	1691 MHz	1M31G2D	2000 kHz	RHCP	665.4 kbps	D	High resolution data and information
3617	Electro-L N5	RosHydroMet	≥2022	≥2032	HRIT	S-E	1691 MHz	1M94G2D	2000 kHz	RHCP	1000 kbps	D	High resolution data and information
546	Meteosat-6 (IODC)	EUMETSAT	27.04.2007	15.04.2011	WEFAX	S-E	1691 MHz	30KG1D	30 kHz	linear	1.6 kHz	A	Selected data
3619	Electro-L N5	RosHydroMet	≥2022	≥2032	LRIT	S-E	1691 MHz	331KG1D	200 kHz	RHCP	64 kbps	D	Low resolution data and information
3620	Electro-L N5	RosHydroMet	≥2022	≥2032	LRIT	S-E	1691 MHz	663KG1D	200 kHz	RHCP	128 kbps	D	Low resolution data and information
1063	GOES-10 (S-America)	NOAA	01.12.2006	02.12.2009	WEFAX	S-E	1691 MHz	586KG1D	50 kHz	linear	35 kHz	A	Selected data
1065	GOES-10 (S-America)	NOAA	01.12.2006	02.12.2009	LRIT	S-E	1691 MHz	586KG1D	660 kHz	linear	128 kbps	D	Selected data
1583	FY-2B	CMA	25.06.2000	2004	WEFAX	S-E	1691 MHz	260KFXD	260 kHz	linear	1.7 kHz	A	Selected data
561	Meteosat-6	EUMETSAT	20.11.1993	27.04.2007	WEFAX	S-E	1691 MHz	30KG1D	30 kHz	linear	1.6 kHz	A	Selected data
576	Meteosat-5 (IODC)	EUMETSAT	01.06.1998	26.04.2007	WEFAX	S-E	1691 MHz	30KG1D	30 kHz	linear	1.6 kHz	A	Selected data
1093	GOES-11	NOAA	03.05.2000	05.12.2011	WEFAX	S-E	1691 MHz	586KG1D	50 kHz	linear	35 kHz	A	Ceased October 2005
1095	GOES-11	NOAA	03.05.2000	05.12.2011	LRIT	S-E	1691 MHz	586KG1D	660 kHz	linear	128 kbps	D	Selected data
841	GOES-14	NOAA	27.06.2009	≥2019	LRIT	S-E	1691 MHz	586KG1DCN	660 kHz	linear	128 kbps	D	Selected data
591	Meteosat-5	EUMETSAT	02.03.1991	01.06.1998	WEFAX	S-E	1691 MHz	30KG1D	30 kHz	linear	1.6 kHz	A	Selected data
1361	Electro-L N1	RosHydroMet	20.01.2011	2016	HRIT	S-E	1691 MHz	1M31G2D	2000 kHz	RHCP	665.4 kbps	D	High resolution data and information
1363	Electro-L N1	RosHydroMet	20.01.2011	2016	HRIT	S-E	1691 MHz	1M94G2D	2000 kHz	RHCP	1000 kbps	D	High resolution data and information
1365	Electro-L N1	RosHydroMet	20.01.2011	2016	LRIT	S-E	1691 MHz	331KG1D	200 kHz	RHCP	64 kbps	D	Low resolution data and information
1366	Electro-L N1	RosHydroMet	20.01.2011	2016	LRIT	S-E	1691 MHz	663KG1D	200 kHz	RHCP	128 kbps	D	Low resolution data and information
606	Meteosat-4	EUMETSAT	06.03.1989	08.11.1995	WEFAX	S-E	1691 MHz	30KG1D	30 kHz	linear	1.6 kHz	A	Selected data
1123	GOES-12	NOAA	23.07.2001	10.05.2010	WEFAX	S-E	1691 MHz	586KG1D	50 kHz	linear	35 kHz	A	Ceased October 2005
1125	GOES-12	NOAA	23.07.2001	10.05.2010	LRIT	S-E	1691 MHz	586KG1D	660 kHz	linear	128 kbps	D	Selected data
621	Meteosat-9	EUMETSAT	21.12.2005	≥2024	LRIT	S-E	1691 MHz	660KG1D	660 kHz	linear	128 kbps	D	Selected data
881	GOES-8	NOAA	13.04.1994	05.05.2004	WEFAX	S-E	1691 MHz	586KG1D	50 kHz	linear	35 kHz	A	Selected data
883	GOES-8	NOAA	13.04.1994	05.05.2004	LRIT	S-E	1691 MHz	586KG1D	660 kHz	linear	128 kbps	D	Selected data
636	Meteosat-10	EUMETSAT	05.07.2012	≥2024	LRIT	S-E	1691 MHz	660KG1D	660 kHz	linear	128 kbps	D	Selected data
1155	GOES-12 (S-America)	NOAA	10.05.2010	16.08.2013	LRIT	S-E	1691 MHz	586KG1D	660 kHz	linear	128 kbps	D	Selected data
651	Meteosat-11	EUMETSAT	15.07.2015	≥2024	LRIT	S-E	1691 MHz	660KG1D	660 kHz	linear	128 kbps	D	Selected data
401	Himawari-6 (MTSAT-1R)	JMA	26.02.2005	04.12.2015	WEFAX	S-E	1691 MHz	260KF3C	260 kHz	linear	1.68 kHz	A	Weather facsimile - This service was terminated in March 2008
1443	Electro-L N2	RosHydroMet	11.12.2015	≥2025	HRIT	S-E	1691 MHz	1M31G2D	2000 kHz	RHCP	665.4 kbps	D	High resolution data and information
1445	Electro-L N2	RosHydroMet	11.12.2015	≥2025	HRIT	S-E	1691 MHz	1M94G2D	2000 kHz	RHCP	1000 kbps	D	High resolution data and information
1447	Electro-L N2	RosHydroMet	11.12.2015	≥2025	LRIT	S-E	1691 MHz	331KG1D	200 kHz	RHCP	64 kbps	D	Low resolution data and information
1448	Electro-L N2	RosHydroMet	11.12.2015	≥2025	LRIT	S-E	1691 MHz	663KG1D	200 kHz	RHCP	128 kbps	D	Low resolution data and information
1473	Electro-L N3	RosHydroMet	≥2019-12	≥2029	HRIT	S-E	1691 MHz	1M31G2D	2000 kHz	RHCP	665.4 kbps	D	High resolution data and information
1475	Electro-L N3	RosHydroMet	≥2019-12	≥2029	HRIT	S-E	1691 MHz	1M94G2D	2000 kHz	RHCP	1000 kbps	D	High resolution data and information
1477	Electro-L N3	RosHydroMet	≥2019-12	≥2029	LRIT	S-E	1691 MHz	331KG1D	200 kHz	RHCP	64 kbps	D	Low resolution data and information
1478	Electro-L N3	RosHydroMet	≥2019-12	≥2029	LRIT	S-E	1691 MHz	663KG1D	200 kHz	RHCP	128 kbps	D	Low resolution data and information
457	Himawari-7 (MTSAT-2)	JMA	18.02.2006	10.05.2016	LRIT	S-E	1691 MHz	250KG1D	250 kHz	linear	150 kbps	D	Selected data
973	GOES-9	NOAA	23.05.1995	22.05.2003	WEFAX	S-E	1691 MHz	586KG1D	50 kHz	linear	35 kHz	A	Selected data
975	GOES-9	NOAA	23.05.1995	22.05.2003	LRIT	S-E	1691 MHz	586KG1D	660 kHz	linear	128 kbps	D	Selected data
225	Meteosat-7	EUMETSAT	02.09.1997	05.12.2006	WEFAX	S-E	1691 MHz	30KG1D	30 kHz	linear	1.6 kHz	A	Selected data
1003	GOES-9 (GMS backup)	NOAA	22.05.2003	24.07.2006	WEFAX	S-E	1691 MHz	586KG1D	50 kHz	linear	35 kHz	A	Selected data
1005	GOES-9 (GMS backup)	NOAA	22.05.2003	24.07.2006	LRIT	S-E	1691 MHz	586KG1D	660 kHz	linear	128 kbps	D	Selected data
757	GOES-15	NOAA	04.03.2010	≥2020	LRIT	S-E	1691 MHz	586KG1DCN	660 kHz	linear	128 kbps	D	Selected data
1782	Electro-L N4	RosHydroMet	≥2021	≥2031	HRIT	S-E	1691 MHz	1M31G2D	2000 kHz	RHCP	665.4 kbps	D	High resolution data and information
1784	Electro-L N4	RosHydroMet	≥2021	≥2031	HRIT	S-E	1691 MHz	1M94G2D	2000 kHz	RHCP	1000 kbps	D	High resolution data and information
1786	Electro-L N4	RosHydroMet	≥2021	≥2031	LRIT	S-E	1691 MHz	331KG1D	200 kHz	RHCP	64 kbps	D	Low resolution data and information
1787	Electro-L N4	RosHydroMet	≥2021	≥2031	LRIT	S-E	1691 MHz	663KG1D	200 kHz	RHCP	128 kbps	D	Low resolution data and information
1573	FY-2A	CMA	10.06.1997	08.04.1998	Ranging	S-E	1690.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Primary station
1591	FY-2B	CMA	25.06.2000	2004	Ranging	S-E	1690.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Primary station
1605	FY-2C	CMA	19.10.2004	23.11.2009	LRIT	S-E	1690.5 MHz	1M00G2W	1000 kHz	linear	150 kbps	D	Selected data
1609	FY-2C	CMA	19.10.2004	23.11.2009	Ranging	S-E	1690.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Primary station
1623	FY-2D	CMA	08.12.2006	2015	LRIT	S-E	1690.5 MHz	1M00G2W	1000 kHz	linear	150 kbps	D	Selected data (not in use)
1627	FY-2D	CMA	08.12.2006	2015	Ranging	S-E	1690.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Primary station

1641	FY-2E	CMA	23.12.2008	31.12.2018	LRIT	S-E	1690.5 MHz	1M00G2W	1000 kHz	linear	150 kbps	D	Selected data (not in use)
1645	FY-2E	CMA	23.12.2008	31.12.2018	Ranging	S-E	1690.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Primary station
1659	FY-2F	CMA	13.01.2012	≥2019	LRIT	S-E	1690.5 MHz	1M00G2W	1000 kHz	linear	150 kbps	D	Selected data
1663	FY-2F	CMA	13.01.2012	≥2019	Ranging	S-E	1690.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Primary station
1677	FY-2G	CMA	31.12.2014	≥2019	LRIT	S-E	1690.5 MHz	1M00G2W	1000 kHz	linear	150 kbps	D	Selected data
1681	FY-2G	CMA	31.12.2014	≥2019	Ranging	S-E	1690.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Primary station
1695	FY-2H	CMA	05.06.2018	≥2022	LRIT	S-E	1690.5 MHz	1M00G2W	1000 kHz	linear	150 kbps	D	Selected data
1699	FY-2H	CMA	05.06.2018	≥2022	Ranging	S-E	1690.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Primary station
1713	FY-4A	CMA	10.12.2016	≥2021	DCPS	S-E	1688 MHz		4000 kHz	linear		D	DCP report relay
1563	FY-2A	CMA	10.06.1997	08.04.1998	S-VISSR	S-E	1687.5 MHz	2M00G1D	2000 kHz	linear	660 kbps	D	High-resolution data
1581	FY-2B	CMA	25.06.2000	2004	S-VISSR	S-E	1687.5 MHz	2M00G1D	2000 kHz	linear	660 kbps	D	High-resolution data
1599	FY-2C	CMA	19.10.2004	23.11.2009	S-VISSR	S-E	1687.5 MHz	2M00G1D	2000 kHz	linear	660 kbps	D	High-resolution data
1617	FY-2D	CMA	08.12.2006	2015	S-VISSR	S-E	1687.5 MHz	2M00G1D	2000 kHz	linear	660 kbps	D	High-resolution data
1635	FY-2E	CMA	23.12.2008	31.12.2018	S-VISSR	S-E	1687.5 MHz	2M00G1D	2000 kHz	linear	660 kbps	D	High-resolution data
1653	FY-2F	CMA	13.01.2012	≥2019	S-VISSR	S-E	1687.5 MHz	2M00G1D	2000 kHz	linear	660 kbps	D	High-resolution data
1671	FY-2G	CMA	31.12.2014	≥2019	S-VISSR	S-E	1687.5 MHz	2M00G1D	2000 kHz	linear	660 kbps	D	High-resolution data
1689	FY-2H	CMA	05.06.2018	≥2022	S-VISSR	S-E	1687.5 MHz	2M00G1D	2000 kHz	linear	660 kbps	D	High-resolution data
278	Himawari-6 (MTSAT-1R)	JMA	26.02.2005	04.12.2015	HRIT	S-E	1687.1 MHz	6M00G1D	6000 kHz	linear	3500 kbps	D	High resolution data. Service terminated in
280	Himawari-6 (MTSAT-1R)	JMA	26.02.2005	04.12.2015	HiRID	S-E	1687.1 MHz	2M00G1D	2000 kHz	linear	660 kbps	D	High resolution data - This service was terminated in March
453	Himawari-7 (MTSAT-2)	JMA	18.02.2006	10.05.2016	HRIT	S-E	1687.1 MHz	6M00G1D	6000 kHz	linear	3500 kbps	D	High resolution data
288	COMS	KMA	26.06.2010	≥2019	CDAS	S-E	1687 MHz	6M00G1D	6000 kHz	linear	6000 kbps	D	Raw data
2059	Meteosat-8 (IODC)	EUMETSAT	15.09.2016	≥2022	PGS	S-E	1686.83 MHz	6M00G1D	5400 kHz	linear	3270 kbps	D	Raw data
15	Meteosat-8	EUMETSAT	28.08.2002	04.07.2016	PGS	S-E	1686.83 MHz	6M00G1D	5400 kHz	linear	3270 kbps	D	Raw data
527	Meteosat-7 (IODC)	EUMETSAT	05.12.2006	01.02.2017	PGS	S-E	1686.83 MHz	2M00G1D	1333.2 kHz	linear	333 kbps	D	Raw data
542	Meteosat-6 (IODC)	EUMETSAT	27.04.2007	15.04.2011	PGS	S-E	1686.83 MHz	2M00G1D	1333.2 kHz	linear	333 kbps	D	Raw data
557	Meteosat-6	EUMETSAT	20.11.1993	27.04.2007	PGS	S-E	1686.83 MHz	2M00G1D	1333.2 kHz	linear	333 kbps	D	Raw data
572	Meteosat-5 (IODC)	EUMETSAT	01.06.1998	26.04.2007	PGS	S-E	1686.83 MHz	2M00G1D	1333.2 kHz	linear	333 kbps	D	Raw data
587	Meteosat-5	EUMETSAT	02.03.1991	01.06.1998	PGS	S-E	1686.83 MHz	2M00G1D	1333.2 kHz	linear	333 kbps	D	Raw data
602	Meteosat-4	EUMETSAT	06.03.1989	08.11.1995	PGS	S-E	1686.83 MHz	2M00G1D	1333.2 kHz	linear	333 kbps	D	Raw data
617	Meteosat-9	EUMETSAT	21.12.2005	≥2024	PGS	S-E	1686.83 MHz	6M00G1D	5400 kHz	linear	3270 kbps	D	Raw data
632	Meteosat-10	EUMETSAT	05.07.2012	≥2024	PGS	S-E	1686.83 MHz	6M00G1D	5400 kHz	linear	3270 kbps	D	Raw data
647	Meteosat-11	EUMETSAT	15.07.2015	≥2024	PGS	S-E	1686.83 MHz	6M00G1D	5400 kHz	linear	3270 kbps	D	Raw data
140	Meteosat-7	EUMETSAT	02.09.1997	05.12.2006	PGS	S-E	1686.83 MHz	2M00G1D	1333.2 kHz	linear	333 kbps	D	Raw data
925	GOES-16	NOAA	19.11.2016	≥2027	GRB	S-E	1686.6 MHz	10M9G1D	10000 kHz	RHCP&LHCP		D	Processed images/soundings
926	GOES-16	NOAA	19.11.2016	≥2027	GRB	S-E	1686.6 MHz	9M79G1D	9000 kHz	RHCP&LHCP		D	Processed images/soundings
1954	GOES-17	NOAA	01.03.2018	≥2029	GRB	S-E	1686.6 MHz	10M9G1D	10000 kHz	RHCP&LHCP		D	Processed images/soundings
1955	GOES-17	NOAA	01.03.2018	≥2029	GRB	S-E	1686.6 MHz	9M79G1D	9000 kHz	RHCP&LHCP		D	Processed images/soundings
1985	GOES-T	NOAA	≥2020	≥2031	GRB	S-E	1686.6 MHz	10M9G1D	10000 kHz	RHCP&LHCP		D	Processed images/soundings
1986	GOES-T	NOAA	≥2020	≥2031	GRB	S-E	1686.6 MHz	9M79G1D	9000 kHz	RHCP&LHCP		D	Processed images/soundings
2016	GOES-U	NOAA	≥2025	≥2036	GRB	S-E	1686.6 MHz	10M9G1D	10000 kHz	RHCP&LHCP		D	Processed images/soundings
2017	GOES-U	NOAA	≥2025	≥2036	GRB	S-E	1686.6 MHz	9M79G1D	9000 kHz	RHCP&LHCP		D	Processed images/soundings
1575	FY-2A	CMA	10.06.1997	08.04.1998	Ranging	S-E	1686.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Secondary station
1593	FY-2B	CMA	25.06.2000	2004	Ranging	S-E	1686.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Secondary station
1611	FY-2C	CMA	19.10.2004	23.11.2009	Ranging	S-E	1686.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Secondary station
1629	FY-2D	CMA	08.12.2006	2015	Ranging	S-E	1686.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Secondary station
1647	FY-2E	CMA	23.12.2008	31.12.2018	Ranging	S-E	1686.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Secondary station
1665	FY-2F	CMA	13.01.2012	≥2019	Ranging	S-E	1686.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Secondary station
1683	FY-2G	CMA	31.12.2014	≥2019	Ranging	S-E	1686.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Secondary station
1701	FY-2H	CMA	05.06.2018	≥2022	Ranging	S-E	1686.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Secondary station
1031	GOES-10	NOAA	25.04.1997	01.12.2006	PDR/GVAR	S-E	1685.7 MHz	4M22G7D	4000 kHz	linear	2110 kbps	D	Processed images/soundings
794	GOES-13	NOAA	24.05.2006	≥2019	PDR	S-E	1685.7 MHz	4M22G9D	4000 kHz	linear	2110 kbps	D	Processed images/soundings
795	GOES-13	NOAA	24.05.2006	≥2019	PDR	S-E	1685.7 MHz	4M22G1DBN	4000 kHz	linear	2110 kbps	D	Processed images/soundings
1061	GOES-10 (S-America)	NOAA	01.12.2006	02.12.2009	PDR/GVAR	S-E	1685.7 MHz	4M22G7D	4000 kHz	linear	2110 kbps	D	Processed images/soundings
1091	GOES-11	NOAA	03.05.2000	05.12.2011	PDR/GVAR	S-E	1685.7 MHz	4M22G7D	4000 kHz	linear	2110 kbps	D	Processed images/soundings
836	GOES-14	NOAA	27.06.2009	≥2019	PDR	S-E	1685.7 MHz	4M22G9D	4000 kHz	linear	2110 kbps	D	Processed images/soundings
837	GOES-14	NOAA	27.06.2009	≥2019	PDR	S-E	1685.7 MHz	4M22G1DBN	4000 kHz	linear	2110 kbps	D	Processed images/soundings
1121	GOES-12	NOAA	23.07.2001	10.05.2010	PDR/GVAR	S-E	1685.7 MHz	4M22G7D	4000 kHz	linear	2110 kbps	D	Processed images/soundings
878	GOES-8	NOAA	13.04.1994	05.05.2004	PDR/GVAR	S-E	1685.7 MHz	4M22G7D	4000 kHz	linear	2110 kbps	D	Processed images/soundings
1151	GOES-12 (S-America)	NOAA	10.05.2010	16.08.2013	PDR/GVAR	S-E	1685.7 MHz	4M22G7D	4000 kHz	linear	2110 kbps	D	Processed images/soundings
971	GOES-9	NOAA	23.05.1995	22.05.2003	PDR/GVAR	S-E	1685.7 MHz	4M22G7D	4000 kHz	linear	2110 kbps	D	Processed images/soundings
1001	GOES-9 (GMS backup)	NOAA	22.05.2003	24.07.2006	PDR/GVAR	S-E	1685.7 MHz	4M22G7D	4000 kHz	linear	2110 kbps	D	Processed images/soundings
752	GOES-15	NOAA	04.03.2010	≥2020	PDR	S-E	1685.7 MHz	4M22G9D	4000 kHz	linear	2110 kbps	D	Processed images/soundings
753	GOES-15	NOAA	04.03.2010	≥2020	PDR	S-E	1685.7 MHz	4M22G1DBN	4000 kHz	linear	2110 kbps	D	Processed images/soundings
1577	FY-2A	CMA	10.06.1997	08.04.1998	Ranging	S-E	1684.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Backup station
1595	FY-2B	CMA	25.06.2000	2004	Ranging	S-E	1684.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Backup station
1613	FY-2C	CMA	19.10.2004	23.11.2009	Ranging	S-E	1684.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Backup station
1631	FY-2D	CMA	08.12.2006	2015	Ranging	S-E	1684.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Backup station
1649	FY-2E	CMA	23.12.2008	31.12.2018	Ranging	S-E	1684.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Backup station
1667	FY-2F	CMA	13.01.2012	≥2019	Ranging	S-E	1684.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Backup station
1685	FY-2G	CMA	31.12.2014	≥2019	Ranging	S-E	1684.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Backup station
1703	FY-2H	CMA	05.06.2018	≥2022	Ranging	S-E	1684.5 MHz	1M00G2W	1000 kHz	linear	500 kbps	D	Backup station
1579	FY-2B	CMA	25.06.2000	2004	CDAS	S-E	1681.6 MHz	20M0G1D	20000 kHz	linear	14000 kbps	D	Raw data
305	FY-2A	CMA	10.06.1997	08.04.1998	CDAS	S-E	1681.6 MHz	20M0G1D	20000 kHz	linear	14000 kbps	D	Raw data
1597	FY-2C	CMA	19.10.2004	23.11.2009	CDAS	S-E	1681.6 MHz	20M0G1D	20000 kHz	linear	14000 kbps	D	Raw data
1615	FY-2D	CMA	08.12.2006	2015	CDAS	S-E	1681.6 MHz	20M0G1D	20000 kHz	linear	14000 kbps	D	Raw data
1633	FY-2E	CMA	23.12.2008	31.12.2018	CDAS	S-E	1681.6 MHz	20M0G1D	20000 kHz	linear	14000 kbps	D	Raw data
1651	FY-2F	CMA	13.01.2012	≥2019	CDAS	S-E	1681.6 MHz	20M0G1D	20000 kHz	linear	14000 kbps	D	Raw data
1669	FY-2G	CMA	31.12.2014	≥2019	CDAS	S-E	1681.6 MHz	20M0G1D	20000 kHz	linear	14000 kbps	D	Raw data
1687	FY-2H	CMA	05.06.2018	≥2022	CDAS	S-E	1681.6 MHz	20M0G1D	20000 kHz	linear	14000 kbps	D	Raw data
1036	GOES-10	NOAA	25.04.1997	01.12.2006	MDL	S-E	1681.478 MHz	200K00G7D	200 kHz	RHCP	32 kbps	D	Multiuse Data Link
800	GOES-13	NOAA	24.05.2006	≥2019	MDL	S-E	1681.478 MHz	200K00G9D	200 kHz	linear	100 kbps	D	Multiuse Data Link
801	GOES-13	NOAA	24.05.2006	≥2019	MDL	S-E	1681.478 MHz	400KG7DDX	400 kHz	linear	100 kbps	D	Multiuse Data Link
1066	GOES-10 (S-America)	NOAA	01.12.2006	02.12.2009	MDL	S-E	1681.478 MHz	200K00G7D	200 kHz	RHCP	32 kbps	D	Multiuse Data Link
1096	GOES-11	NOAA	03.05.2000	05.12.2011	MDL	S-E	1681.478 MHz	200K00G7D	200 kHz	RHCP	100 kbps	D	Multiuse Data Link
842	GOES-14	NOAA	27.06.2009	≥2019	MDL	S-E	1681.478 MHz	200K00G9D	200 kHz	linear	100 kbps	D	Multiuse Data Link
843	GOES-14	NOAA	27.06.2009	≥2019	MDL	S-E	1681.478 MHz	400KG7DDX	400 kHz	linear	100 kbps	D	Multiuse Data Link
1126	GOES-12	NOAA	23.07.2001	10.05.2010	MDL	S-E	1681.478 MHz	200K00G7D	200 kHz	RHCP	100 kbps	D	Multiuse Data Link
884	GOES-8	NOAA	13.04.1994	05.05.2004	MDL	S-E	1681.478 MHz	200K00G7D	200 kHz	RHCP	32 kbps	D	Multiuse Data Link

1156	GOES-12 (S-America)	NOAA	10.05.2010	16.08.2013	MDL	S-E	1681.478 MHz	200K00G7D	200 kHz	RHCP	32 kbps	D	Multiuse Data Link
976	GOES-9	NOAA	23.05.1995	22.05.2003	MDL	S-E	1681.478 MHz	200K00G7D	200 kHz	RHCP	32 kbps	D	Multiuse Data Link
1006	GOES-9 (GMS backup)	NOAA	22.05.2003	24.07.2006	MDL	S-E	1681.478 MHz	200K00G7D	200 kHz	RHCP	32 kbps	D	Multiuse Data Link
758	GOES-15	NOAA	04.03.2010	≥2020	MDL	S-E	1681.478 MHz	200K00G9D	200 kHz	linear	100 kbps	D	Multiuse Data Link
759	GOES-15	NOAA	04.03.2010	≥2020	MDL	S-E	1681.478 MHz	400KG7DDX	400 kHz	linear	100 kbps	D	Multiuse Data Link
1708	FY-4A	CMA	10.12.2016	≥2021	HRIT	S-E	1681 MHz		12000 kHz	linear		D	High-resolution data
1968	GOES-17	NOAA	01.03.2018	≥2029	DCPR	S-E	1680.2 MHz	400KG7D	400 kHz	RHCP		D	DCP report relay (International)
945	GOES-16	NOAA	19.11.2016	≥2027	DCPR	S-E	1680.2 MHz	400KG7D	400 kHz	RHCP		D	DCP report relay (International)
1999	GOES-T	NOAA	≥2020	≥2031	DCPR	S-E	1680.2 MHz	400KG7D	400 kHz	RHCP		D	DCP report relay (International)
2030	GOES-U	NOAA	≥2025	≥2036	DCPR	S-E	1680.2 MHz	400KG7D	400 kHz	RHCP		D	DCP report relay (International)
943	GOES-16	NOAA	19.11.2016	≥2027	DCPR	S-E	1679.9 MHz	400KG7D	400 kHz	RHCP		D	DCP report relay (U:S: domestic)
1967	GOES-17	NOAA	01.03.2018	≥2029	DCPR	S-E	1679.9 MHz	400KG7D	400 kHz	RHCP		D	DCP report relay (U:S: domestic)
1998	GOES-T	NOAA	≥2020	≥2031	DCPR	S-E	1679.9 MHz	400KG7D	400 kHz	RHCP		D	DCP report relay (U:S: domestic)
2029	GOES-U	NOAA	≥2025	≥2036	DCPR	S-E	1679.9 MHz	400KG7D	400 kHz	RHCP		D	DCP report relay (U:S: domestic)
276	Himawari-6 (MTSAT-1R)	JMA	26.02.2005	04.12.2015	CDAS	S-E	1677 MHz	10M0G1D	10000 kHz	linear	2700 kbps	D	Raw data
451	Himawari-7 (MTSAT-2)	JMA	18.02.2006	10.05.2016	CDAS	S-E	1677 MHz	10M0G1D	10000 kHz	linear	2700 kbps	D	Raw data
539	Meteosat-7 (IODC)	EUMETSAT	05.12.2006	01.02.2017	TM	S-E	1676.428 MHz	2K60G1D	2.6 kHz	RHCP	0.3255 kbps	D	Telemetry
554	Meteosat-6 (IODC)	EUMETSAT	27.04.2007	15.04.2011	TM	S-E	1676.428 MHz	2K60G1D	2.6 kHz	RHCP	0.3255 kbps	D	Telemetry
569	Meteosat-6	EUMETSAT	20.11.1993	27.04.2007	TM	S-E	1676.428 MHz	2K60G1D	2.6 kHz	RHCP	0.3255 kbps	D	Telemetry
584	Meteosat-5 (IODC)	EUMETSAT	01.06.1998	26.04.2007	TM	S-E	1676.428 MHz	2K60G1D	2.6 kHz	RHCP	0.3255 kbps	D	Telemetry
599	Meteosat-5	EUMETSAT	02.03.1991	01.06.1998	TM	S-E	1676.428 MHz	2K60G1D	2.6 kHz	RHCP	0.3255 kbps	D	Telemetry
614	Meteosat-4	EUMETSAT	06.03.1989	08.11.1995	TM	S-E	1676.428 MHz	2K60G1D	2.6 kHz	RHCP	0.3255 kbps	D	Telemetry
447	Meteosat-7	EUMETSAT	02.09.1997	05.12.2006	TM	S-E	1676.428 MHz	2K60G1D	2.6 kHz	RHCP	0.3255 kbps	D	Telemetry
1029	GOES-10	NOAA	25.04.1997	01.12.2006	SDL	S-E	1676 MHz	5M20G7D	5000 kHz	linear	2620 kbps	D	Raw data
790	GOES-13	NOAA	24.05.2006	≥2019	CDA	S-E	1676 MHz	5M20G9D	5000 kHz	linear	2620 kbps	D	Raw data
791	GOES-13	NOAA	24.05.2006	≥2019	CDA	S-E	1676 MHz	5M20G7DDX	5000 kHz	linear	2620 kbps	D	Raw data
1059	GOES-10 (S-America)	NOAA	01.12.2006	02.12.2009	SDL	S-E	1676 MHz	5M20G7D	5000 kHz	linear	2620 kbps	D	Raw data
832	GOES-14	NOAA	27.06.2009	≥2019	CDA	S-E	1676 MHz	5M20G9D	5000 kHz	linear	2620 kbps	D	Raw data
833	GOES-14	NOAA	27.06.2009	≥2019	CDA	S-E	1676 MHz	5M20G7DDX	5000 kHz	linear	2620 kbps	D	Raw data
1089	GOES-11	NOAA	03.05.2000	05.12.2011	SDL	S-E	1676 MHz	5M20G7D	5000 kHz	linear	2620 kbps	D	Raw data
1119	GOES-12	NOAA	23.07.2001	10.05.2010	SDL	S-E	1676 MHz	5M20G7D	5000 kHz	linear	2620 kbps	D	Raw data
874	GOES-8	NOAA	13.04.1994	05.05.2004	SDL	S-E	1676 MHz	5M20G7D	5000 kHz	linear	2620 kbps	D	Raw data
1149	GOES-12 (S-America)	NOAA	10.05.2010	16.08.2013	SDL	S-E	1676 MHz	5M20G7D	5000 kHz	linear	2620 kbps	D	Raw data
969	GOES-9	NOAA	23.05.1995	22.05.2003	SDL	S-E	1676 MHz	5M20G7D	5000 kHz	linear	2620 kbps	D	Raw data
999	GOES-9 (GMS backup)	NOAA	22.05.2003	24.07.2006	SDL	S-E	1676 MHz	5M20G7D	5000 kHz	linear	2620 kbps	D	Raw data
748	GOES-15	NOAA	04.03.2010	≥2020	CDA	S-E	1676 MHz	5M20G9D	5000 kHz	linear	2620 kbps	D	Raw data
749	GOES-15	NOAA	04.03.2010	≥2020	CDA	S-E	1676 MHz	5M20G7DDX	5000 kHz	linear	2620 kbps	D	Raw data
2066	Meteosat-8 (IODC)	EUMETSAT	15.09.2016	≥2022	DCS	S-E	1675.281 MHz	750KGXX	750 kHz	linear	0.100 kbps	D	DCP report relay
534	Meteosat-7 (IODC)	EUMETSAT	05.12.2006	01.02.2017	DCS	S-E	1675.281 MHz	200KGXX	200 kHz	linear	0.100 kbps	D	DCP report relay
549	Meteosat-6 (IODC)	EUMETSAT	27.04.2007	15.04.2011	DCS	S-E	1675.281 MHz	200KGXX	200 kHz	linear	0.100 kbps	D	DCP report relay
564	Meteosat-6	EUMETSAT	20.11.1993	27.04.2007	DCS	S-E	1675.281 MHz	200KGXX	200 kHz	linear	0.100 kbps	D	DCP report relay
594	Meteosat-5	EUMETSAT	02.03.1991	01.06.1998	DCS	S-E	1675.281 MHz	200KGXX	200 kHz	linear	0.100 kbps	D	DCP report relay
609	Meteosat-4	EUMETSAT	06.03.1989	08.11.1995	DCS	S-E	1675.281 MHz	200KGXX	200 kHz	linear	0.100 kbps	D	DCP report relay
624	Meteosat-9	EUMETSAT	21.12.2005	≥2024	DCS	S-E	1675.281 MHz	750KGXX	750 kHz	linear	0.100 kbps	D	DCP report relay
639	Meteosat-10	EUMETSAT	05.07.2012	≥2024	DCS	S-E	1675.281 MHz	750KGXX	750 kHz	linear	0.100 kbps	D	DCP report relay
654	Meteosat-11	EUMETSAT	15.07.2015	≥2024	DCS	S-E	1675.281 MHz	750KGXX	750 kHz	linear	0.100 kbps	D	DCP report relay
435	Meteosat-8	EUMETSAT	28.08.2002	04.07.2016	DCS	S-E	1675.281 MHz	750KGXX	750 kHz	linear	0.100 kbps	D	DCP report relay
442	Meteosat-7	EUMETSAT	02.09.1997	05.12.2006	DCS	S-E	1675.281 MHz	200KGXX	200 kHz	linear	0.100 kbps	D	DCP report relay
579	Meteosat-5 (IODC)	EUMETSAT	01.06.1998	26.04.2007	DCS	S-E	1675.28 MHz	200KGXX	200 kHz	linear	0.100 kbps	D	DCP report relay
1891	SNPP	NOAA	28.10.2011	≥2019	GPS	S-S	1575.42 MHz	24M0G1D	24000 kHz	RHCP		D	GPS reception at SNPP
1896	NOAA-20	NOAA	18.11.2017	≥2024	GPS	S-S	1575.42 MHz	24M0G1D	24000 kHz	RHCP		D	GPS reception at JPSS
1898	JPSS-2	NOAA	≥2022	≥2029	GPS	S-S	1575.42 MHz	24M0G1D	24000 kHz	RHCP		D	GPS reception at JPSS
1911	JPSS-3	NOAA	≥2026	≥2033	GPS	S-S	1575.42 MHz	24M0G1D	24000 kHz	RHCP		D	GPS reception at JPSS
1924	JPSS-4	NOAA	≥2031	≥2038	GPS	S-S	1575.42 MHz	24M0G1D	24000 kHz	RHCP		D	GPS reception at JPSS
1970	GOES-17	NOAA	01.03.2018	≥2029	GEOS & R	S-E	1544.55 MHz	100KG7DBF	100 kHz	RHCP		D	Distress messages to LUT
950	GOES-16	NOAA	19.11.2016	≥2027	GEOS & R	S-E	1544.55 MHz	100KG7DBF	100 kHz	RHCP		D	Distress messages to LUT
2001	GOES-T	NOAA	≥2020	≥2031	GEOS & R	S-E	1544.55 MHz	100KG7DBF	100 kHz	RHCP		D	Distress messages to LUT
2032	GOES-U	NOAA	≥2025	≥2036	GEOS & R	S-E	1544.55 MHz	100KG7DBF	100 kHz	RHCP		D	Distress messages to LUT
1282	NOAA-16	NOAA	21.09.2000	09.06.2014	S & RSAT	S-E	1544.5 MHz	750KG2D	750 kHz	RHCP	0.400 kbps	D	Distress messages to LUT
1796	Electro-L N4	RosHydroMet	≥2021	≥2031	GEOS & R	S-E	1544.5 MHz	180KG2D	200 kHz	LHCP	1.2 kbps	D	Distress messages to LUT
777	GOES-15	NOAA	04.03.2010	≥2020	GEOS & R	S-E	1544.5 MHz	300K00G2D	200 kHz	RHCP	0.25 kbps	D	Distress messages to LUT
778	GOES-15	NOAA	04.03.2010	≥2020	GEOS & R	S-E	1544.5 MHz	500KG7DBF	200 kHz	RHCP	0.25 kbps	D	Distress messages to LUT
1298	NOAA-17	NOAA	24.06.2002	10.04.2013	S & RSAT	S-E	1544.5 MHz	750KG2D	750 kHz	RHCP	0.400 kbps	D	Distress messages to LUT
2068	Meteosat-8 (IODC)	EUMETSAT	15.09.2016	≥2022	GEOS & R	S-E	1544.5 MHz	60KG1D	200 kHz	linear	2.4 kbps	D	Distress messages to LUT
1050	GOES-10	NOAA	25.04.1997	01.12.2006	GEOS & R	S-E	1544.5 MHz	300K0G7D	0.2 kHz	RHCP	0.25 kbps	D	Distress messages to LUT
1314	NOAA-18	NOAA	20.05.2005	≥2019	S & RSAT	S-E	1544.5 MHz	750KG2D	750 kHz	RHCP	0.400 kbps	D	Distress messages to LUT
3629	Electro-L N5	RosHydroMet	≥2022	≥2032	GEOS & R	S-E	1544.5 MHz	180KG2D	200 kHz	LHCP	1.2 kbps	D	Distress messages to LUT
49	MTG-I1	EUMETSAT	≥2021	≥2029	GEOS & R	S-E	1544.5 MHz	200KG1D	200 kHz	linear	2.4 kbps	D	Distress messages to LUT
1330	NOAA-19	NOAA	06.02.2009	≥2019	S & RSAT	S-E	1544.5 MHz	750KG2D	750 kHz	RHCP	0.400 kbps	D	Distress messages to LUT
819	GOES-13	NOAA	24.05.2006	≥2019	GEOS & R	S-E	1544.5 MHz	300K00G2D	200 kHz	RHCP	0.25 kbps	D	Distress messages to LUT
820	GOES-13	NOAA	24.05.2006	≥2019	GEOS & R	S-E	1544.5 MHz	500KG7DBF	200 kHz	RHCP	0.25 kbps	D	Distress messages to LUT
1080	GOES-10 (S-America)	NOAA	01.12.2006	02.12.2009	GEOS & R	S-E	1544.5 MHz	300K0G7D	0.2 kHz	RHCP	0.25 kbps	D	Distress messages to LUT
1110	GOES-11	NOAA	03.05.2000	05.12.2011	GEOS & R	S-E	1544.5 MHz	300K0G7D	0.2 kHz	RHCP	0.25 kbps	D	Distress messages to LUT
861	GOES-14	NOAA	27.06.2009	≥2019	GEOS & R	S-E	1544.5 MHz	300K00G2D	200 kHz	RHCP	0.25 kbps	D	Distress messages to LUT

862	GOES-14	NOAA	27.06.2009	≥2019	GEOS & R	S-E	1544.5 MHz	500KG7DBF	200 kHz	RHCP	0.25 kbps	D	Distress messages to LUT
1377	Electro-L N1	RosHydroMet	20.01.2011	2016	GEOS & R	S-E	1544.5 MHz	180KG2D	200 kHz	LHCP	1.2 kbps	D	Distress messages to LUT
626	Meteosat-9	EUMETSAT	21.12.2005	≥2024	GEOS & R	S-E	1544.5 MHz	60KG1D	200 kHz	linear	2.4 kbps	D	Distress messages to LUT
1140	GOES-12	NOAA	23.07.2001	10.05.2010	GEOS & R	S-E	1544.5 MHz	300K0G7D	0.2 kHz	RHCP	0.25 kbps	D	Distress messages to LUT
641	Meteosat-10	EUMETSAT	05.07.2012	≥2024	GEOS & R	S-E	1544.5 MHz	60KG1D	200 kHz	linear	2.4 kbps	D	Distress messages to LUT
903	GOES-8	NOAA	13.04.1994	05.05.2004	GEOS & R	S-E	1544.5 MHz	300K0G7D	0.2 kHz	RHCP	0.25 kbps	D	Distress messages to LUT
656	Meteosat-11	EUMETSAT	15.07.2015	≥2024	GEOS & R	S-E	1544.5 MHz	60KG1D	200 kHz	linear	2.4 kbps	D	Distress messages to LUT
1170	GOES-12 (S-America)	NOAA	10.05.2010	16.08.2013	GEOS & R	S-E	1544.5 MHz	300K0G7D	0.2 kHz	RHCP	0.25 kbps	D	Distress messages to LUT
668	MTG-I2	EUMETSAT	≥2025	≥2033	GEOS & R	S-E	1544.5 MHz	200KG1D	200 kHz	linear	2.4 kbps	D	Distress messages to LUT
683	MTG-I3	EUMETSAT	≥2029	≥2037	GEOS & R	S-E	1544.5 MHz	200KG1D	200 kHz	linear	2.4 kbps	D	Distress messages to LUT
431	Metop-A	EUMETSAT	19.10.2006	≥2021	S & RSAT	S-E	1544.5 MHz	200KG1D	200 kHz	linear	2.4 kbps	D	Distress messages to LUT
1457	Electro-L N2	RosHydroMet	11.12.2015	≥2025	GEOS & R	S-E	1544.5 MHz	180KG2D	200 kHz	LHCP	1.2 kbps	D	Distress messages to LUT
437	Meteosat-8	EUMETSAT	28.08.2002	04.07.2016	GEOS & R	S-E	1544.5 MHz	60KG1D	200 kHz	linear	2.4 kbps	D	Distress messages to LUT
698	MTG-I4	EUMETSAT	≥2033	≥2041	GEOS & R	S-E	1544.5 MHz	200KG1D	200 kHz	linear	2.4 kbps	D	Distress messages to LUT
966	NOAA-15	NOAA	13.05.1998	≥2019	S & RSAT	S-E	1544.5 MHz	750KG2D	750 kHz	RHCP	0.400 kbps	D	Distress messages to LUT
713	MTG-S1	EUMETSAT	≥2023	≥2031	GEOS & R	S-E	1544.5 MHz	200KG1D	200 kHz	linear	2.4 kbps	D	Distress messages to LUT
1487	Electro-L N3	RosHydroMet	≥2019-12	≥2029	GEOS & R	S-E	1544.5 MHz	180KG2D	200 kHz	LHCP	1.2 kbps	D	Distress messages to LUT
728	MTG-S2	EUMETSAT	≥2031	≥2039	GEOS & R	S-E	1544.5 MHz	200KG1D	200 kHz	linear	2.4 kbps	D	Distress messages to LUT
990	GOES-9	NOAA	23.05.1995	22.05.2003	GEOS & R	S-E	1544.5 MHz	300K0G7D	0.2 kHz	RHCP	0.25 kbps	D	Distress messages to LUT
505	Metop-B	EUMETSAT	17.09.2012	≥2024	S & RSAT	S-E	1544.5 MHz	200KG1D	200 kHz	linear	2.4 kbps	D	Distress messages to LUT
1020	GOES-9 (GMS backup)	NOAA	22.05.2003	24.07.2006	GEOS & R	S-E	1544.5 MHz	300K0G7D	0.2 kHz	RHCP	0.25 kbps	D	Distress messages to LUT