



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
445 12th STREET S.W.
WASHINGTON D.C. 20554

News media information 202-418-0500
Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)
TTY (202) 418-2555

Report No. SES-02347

Wednesday March 24, 2021

Satellite Communications Services re: Satellite Radio Applications Accepted For Filing

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

SES-AFS-20210225-00404 E E100089 Panasonic Avionics Corporation

Amendment

Class of Station: Other

Nature of Service: Earth Station Aboard Aircraft, Fixed Satellite Service, Other

See IBFS File No. SES-MFS-20200513-00528 for a description of application.

SITE ID: MELCO Remotes

LOCATION: US&P, International waters

ANTENNA ID:	MELCO	0.68 meters	Mitsubishi Electronics	726-20176-101
14000.0000 - 14400.0000 MHz		9M00G7D	42.15 dBW	BPSK, QPSK DIGITAL DATA
14000.0000 - 14400.0000 MHz		500KG7D	32.70 dBW	BPSK, QPSK DIGITAL DATA
10950.0000 - 11200.0000 MHz		1M20G7D		BPSK, QPSK DIGITAL DATA
10950.0000 - 11200.0000 MHz		27M0G7D		BPSK, QPSK DIGITAL DATA
10950.0000 - 11200.0000 MHz		54M0G7D		BPSK, QPSK DIGITAL DATA
11450.0000 - 12200.0000 MHz		1M20G7D		BPSK, QPSK DIGITAL DATA
11450.0000 - 12200.0000 MHz		27M0G7D		BPSK, QPSK DIGITAL DATA
11450.0000 - 12200.0000 MHz		54M0G7D		BPSK, QPSK DIGITAL DATA

11700.0000 - 12200.0000 MHz	1M20G7D		BPSK, QPSK DIGITAL DATA
11700.0000 - 12200.0000 MHz	54M0G7D		BPSK, QPSK DIGITAL DATA
14000.0000 - 14400.0000 MHz	9M00G7D	39.85 dBW	BPSK, QPSK
14000.0000 - 14400.0000 MHz	500KG7D	27.30 dBW	BPSK, QPSK
SITE ID: PPA Remotes			
LOCATION: US&P, International waters			
ANTENNA ID: PPA	0.89 meters	PANASONIC	AURA LE
11450.0000 - 12750.0000 MHz	36M0G7D		PSK
10700.0000 - 12750.0000 MHz	1M20G7D		PSK
10700.0000 - 12750.0000 MHz	36M0G7D		PSK
10700.0000 - 12750.0000 MHz	54M0G7D		PSK
12500.0000 - 12750.0000 MHz	1M20G7D		PSK
12250.0000 - 12750.0000 MHz	54M0G7D		PSK
12250.0000 - 12750.0000 MHz	1M20G7D		PSK
11700.0000 - 12200.0000 MHz	54M0G7D		PSK
11700.0000 - 12200.0000 MHz	1M20G7D		PSK
11450.0000 - 12750.0000 MHz	27M0G7D		PSK
11450.0000 - 12750.0000 MHz	1M20G7D		PSK
10950.0000 - 11700.0000 MHz	54M0G7D		PSK
10950.0000 - 11700.0000 MHz	1M20G7D		PSK
10950.0000 - 11200.0000 MHz	27M0G7D		PSK
11700.0000 - 12200.0000 MHz	36M0G7D		PSK
10950.0000 - 12500.0000 MHz	54M0G7D		PSK
10950.0000 - 12500.0000 MHz	36M0G7D		PSK
10950.0000 - 12500.0000 MHz	1M20G7D		PSK
10950.0000 - 12200.0000 MHz	54M0G7D		PSK
10950.0000 - 12200.0000 MHz	1M20G7D		PSK

10950.0000 - 11200.0000 MHz	48M6G7D	PSK
11450.0000 - 12200.0000 MHz	1M20G7D	PSK
11450.0000 - 12200.0000 MHz	48M6G7D	PSK
11450.0000 - 12200.0000 MHz	54M0G7D	PSK
12500.0000 - 12600.0000 MHz	1M20G7D	PSK
12500.0000 - 12600.0000 MHz	48M6G7D	PSK
12500.0000 - 12600.0000 MHz	54M0G7D	PSK
10950.0000 - 11200.0000 MHz	1M20G7D	PSK
10700.0000 - 12750.0000 MHz	1M05G7D	QPSK, 16APSK
10950.0000 - 11200.0000 MHz	1M05G7D	QPSK, 16APSK
10950.0000 - 11200.0000 MHz	72M0G7D	QPSK, 16APSK
10950.0000 - 11700.0000 MHz	1M05G7D	QPSK, 16APSK
10950.0000 - 12200.0000 MHz	112MG7D	QPSK, 16APSK
10950.0000 - 12200.0000 MHz	1M05G7D	QPSK, 16APSK
11200.0000 - 11450.0000 MHz	139MG7D	QPSK, 16APSK
11200.0000 - 11450.0000 MHz	54M0G7D	QPSK, 16APSK
11450.0000 - 11700.0000 MHz	1M05G7D	QPSK, 16APSK
11450.0000 - 12200.0000 MHz	1M05G7D	QPSK, 16APSK
11450.0000 - 12200.0000 MHz	97M2G7D	QPSK, 16APSK
11450.0000 - 12750.0000 MHz	72M0G7D	QPSK, 16APSK
12200.0000 - 12750.0000 MHz	139MG7D	QPSK, 16APSK
12200.0000 - 12750.0000 MHz	54M0G7D	QPSK, 16APSK
12250.0000 - 12750.0000 MHz	72M0G7D	QPSK, 16APSK
12500.0000 - 12750.0000 MHz	72M0G7D	QPSK, 16APSK
10700.0000 - 12200.0000 MHz	139MG7D	QPSK, 16APSK
10700.0000 - 12200.0000 MHz	1M05G7D	QPSK, 16APSK

10950.0000 - 11200.0000 MHz	139MG7D	QPSK, 16APSK
10950.0000 - 11200.0000 MHz	54M0G7D	QPSK, 16APSK
10950.0000 - 11200.0000 MHz	97M2G7D	QPSK, 16APSK
10950.0000 - 11700.0000 MHz	72M0G7D	QPSK, 16APSK
10950.0000 - 12200.0000 MHz	125MG7D	QPSK, 16APSK
10950.0000 - 12200.0000 MHz	36M0G7W	QPSK, 16APSK
11200.0000 - 11450.0000 MHz	1M05G7D	QPSK, 16APSK
11450.0000 - 11700.0000 MHz	139MG7D	QPSK, 16APSK
11450.0000 - 11700.0000 MHz	1M05G7D	QPSK, 16APSK
11450.0000 - 11700.0000 MHz	54M0G7D	QPSK, 16APSK
11450.0000 - 12200.0000 MHz	27M0G7D	QPSK, 16APSK
11450.0000 - 12200.0000 MHz	36M0G7D	QPSK, 16APSK
11450.0000 - 12750.0000 MHz	1M05G7D	QPSK, 16APSK
11700.0000 - 12200.0000 MHz	1M05G7D	QPSK, 16APSK
12200.0000 - 12750.0000 MHz	1M05G7D	QPSK, 16APSK
12200.0000 - 12750.0000 MHz	36M0G7D	QPSK, 16APSK
12250.0000 - 12750.0000 MHz	1M50G7D	QPSK, 16APSK
12500.0000 - 12600.0000 MHz	1M05G7D	QPSK, 16APSK
12500.0000 - 12600.0000 MHz	97M2G7D	QPSK, 16APSK
12500.0000 - 12750.0000 MHz	1M05G7D	QPSK, 16APSK
12500.0000 - 12750.0000 MHz	54M0G7D	QPSK, 16APSK
12250.0000 - 12750.0000 MHz	1M05G7D	QPSK, 16APSK
11450.0000 - 12450.0000 MHz	1M05G7D	QPSK, 16APSK
11450.0000 - 12450.0000 MHz	139MG7D	QPSK, 16APSK
10700.0000 - 12750.0000 MHz	139MG7D	QPSK, 16APSK
10700.0000 - 11450.0000 MHz	1M05G7D	QPSK, 16APSK

10700.0000 - 11450.0000 MHz	139MG7D		QPSK, 16APSK
14000.0000 - 14500.0000 MHz	9M00G7D	48.00 dBW	QPSK
14000.0000 - 14500.0000 MHz	500KG7D	44.84 dBW	QPSK
14000.0000 - 14500.0000 MHz	32K0G7D	44.37 dBW	QPSK
14000.0000 - 14500.0000 MHz	21M0G7D	48.00 dBW	QPSK
10700.0000 - 12750.0000 MHz	36M0G7D		QPSK, 16 APSK
10700.0000 - 12750.0000 MHz	1M50G7D		QPSK, 16 APSK
10700.0000 - 12750.0000 MHz	139MG7D		QPSK, 16 APSK
14000.0000 - 14500.0000 MHz	32K0G7D	36.04 dBW	QPSK
14000.0000 - 14500.0000 MHz	8M00G7D	48.00 dBW	QPSK
10950.0000 - 12750.0000 MHz	1M50G7D		QPSK
10950.0000 - 12750.0000 MHz	54M0G7D		QPSK

SITE ID: SPA Remotes
LOCATION: US&P, International waters

ANTENNA ID:	SPA	0.949 meters	PANASONIC	SPA
10700.0000 - 12750.0000 MHz	1M20G7D			QPSK, 8PSK, 16APSK
10700.0000 - 12750.0000 MHz	36M0G7D			QPSK, 8PSK, 16APSK
10950.0000 - 11700.0000 MHz	1M20G7D			QPSK, 8PSK, 16APSK
10950.0000 - 11700.0000 MHz	54M0G7D			QPSK, 8PSK, 16APSK
10950.0000 - 12500.0000 MHz	1M20G7D			QPSK, 8PSK, 16APSK
10950.0000 - 12500.0000 MHz	54M0G7D			QPSK, 8PSK, 16APSK
11450.0000 - 11700.0000 MHz	1M20G7D			QPSK, 8PSK, 16APSK
11450.0000 - 11950.0000 MHz	1M20G7D			QPSK, 8PSK, 16APSK
11450.0000 - 11950.0000 MHz	54M0G7D			QPSK, 8PSK, 16APSK
11450.0000 - 12200.0000 MHz	1M20G7D			QPSK, 8PSK, 16APSK
11450.0000 - 12200.0000 MHz	54M0G7D			QPSK, 8PSK, 16APSK
11450.0000 - 12750.0000 MHz	1M20G7D			QPSK, 8PSK, 16APSK

11450.0000 - 12750.0000 MHz	36M0G7D	QPSK, 8PSK, 16APSK
11450.0000 - 12750.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
11700.0000 - 12200.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
11700.0000 - 12200.0000 MHz	36M0G7D	QPSK, 8PSK, 16APSK
11700.0000 - 12200.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
12200.0000 - 12750.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
12200.0000 - 12750.0000 MHz	36M0G7D	QPSK, 8PSK, 16APSK
12250.0000 - 12750.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
12250.0000 - 12750.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
12500.0000 - 12750.0000 MHz	36M0G7D	QPSK, 8PSK, 16APSK
12500.0000 - 12600.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
12500.0000 - 12600.0000 MHz	48M6G7D	QPSK, 8PSK, 16APSK
12500.0000 - 12600.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
10950.0000 - 11200.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
10950.0000 - 11200.0000 MHz	48M6G7D	QPSK, 8PSK, 16APSK
11450.0000 - 12200.0000 MHz	48M6G7D	QPSK, 8PSK, 16APSK
12500.0000 - 12750.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
10700.0000 - 12750.0000 MHz	1M05G7D	QPSK, 16APSK
10950.0000 - 11200.0000 MHz	54M0G7D	QPSK, 16APSK
10950.0000 - 11700.0000 MHz	1M05G7D	QPSK, 16APSK
10950.0000 - 12200.0000 MHz	125MG7D	QPSK, 16APSK
11200.0000 - 11450.0000 MHz	139MG7D	QPSK, 16APSK
11450.0000 - 11700.0000 MHz	139MG7D	QPSK, 16APSK
11450.0000 - 11950.0000 MHz	1M05G7D	QPSK, 16APSK
11450.0000 - 12200.0000 MHz	27M0G7D	QPSK, 16APSK
12200.0000 - 12750.0000 MHz	54M0G7D	QPSK, 16APSK

12500.0000 - 12600.0000 MHz	97M2G7D	QPSK, 16APSK
12500.0000 - 12750.0000 MHz	72M0G7D	QPSK, 16APSK
10700.0000 - 12200.0000 MHz	139MG7D	QPSK, 16APSK
10950.0000 - 11200.0000 MHz	72M0G7D	QPSK, 16APSK
10950.0000 - 11700.0000 MHz	139MG7D	QPSK, 16APSK
10950.0000 - 12200.0000 MHz	112MG7D	QPSK, 16APSK
10950.0000 - 12200.0000 MHz	27M0G7W	QPSK, 16APSK
11200.0000 - 11450.0000 MHz	54M0G7D	QPSK, 16APSK
11450.0000 - 11700.0000 MHz	1M05G7D	QPSK, 16APSK
11450.0000 - 11950.0000 MHz	72M0G7D	QPSK, 16APSK
11450.0000 - 12200.0000 MHz	97M2G7D	QPSK, 16APSK
12250.0000 - 12750.0000 MHz	72M0G7D	QPSK, 16APSK
10700.0000 - 12200.0000 MHz	1M05G7D	QPSK, 16APSK
10950.0000 - 11200.0000 MHz	139MG7D	QPSK, 16APSK
10950.0000 - 11200.0000 MHz	1M05G7D	QPSK, 16APSK
10950.0000 - 11200.0000 MHz	97M2G7D	QPSK, 16APSK
10950.0000 - 11700.0000 MHz	72M0G7D	QPSK, 16APSK
10950.0000 - 12200.0000 MHz	1M05G7D	QPSK, 16APSK
11200.0000 - 11450.0000 MHz	1M05G7D	QPSK, 16APSK
11450.0000 - 11700.0000 MHz	54M0G7D	QPSK, 16APSK
11450.0000 - 12200.0000 MHz	1M05G7D	QPSK, 16APSK
11700.0000 - 12200.0000 MHz	1M05G7D	QPSK, 16APSK
12200.0000 - 12750.0000 MHz	139MG7D	QPSK, 16APSK
12200.0000 - 12750.0000 MHz	1M05G7D	QPSK, 16APSK
12500.0000 - 12600.0000 MHz	1M50G7D	QPSK, 16APSK
12500.0000 - 12750.0000 MHz	1M05G7D	QPSK, 16APSK

12500.0000 - 12750.0000 MHz	54M0G7D		QPSK, 16APSK
12250.0000 - 12750.0000 MHz	1M05G7D		QPSK, 16APSK
11450.0000 - 12450.0000 MHz	1M05G7D		QPSK, 16APSK
11450.0000 - 12450.0000 MHz	139MG7D		QPSK, 16APSK
10700.0000 - 12750.0000 MHz	139MG7D		QPSK, 16APSK
10700.0000 - 11450.0000 MHz	1M05G7D		QPSK, 16APSK
10700.0000 - 11450.0000 MHz	139MG7D		QPSK, 16APSK
14000.0000 - 14500.0000 MHz	32K0G7D	40.37 dBW	QPSK
14000.0000 - 14500.0000 MHz	21M0G7D	45.00 dBW	QPSK
14000.0000 - 14500.0000 MHz	500KG7D	45.00 dBW	QPSK
14000.0000 - 14500.0000 MHz	9M00G7D	45.00 dBW	QPSK
10700.0000 - 12750.0000 MHz	139MG7D	0.00 dBW	QPSK, 16 APSK
10700.0000 - 12750.0000 MHz	1M05G7D		QPSK, 16 APSK
10700.0000 - 12750.0000 MHz	36M0G7D		QPSK, 16 APSK
14000.0000 - 14500.0000 MHz	32K0G7D	34.24 dBW	QPSK
14000.0000 - 14500.0000 MHz	8M00G7D	45.00 dBW	QPSK
10950.0000 - 12750.0000 MHz	1M05G7D		QPSK
10950.0000 - 12750.0000 MHz	54M0G7D		QPSK
SITE ID:	TECOM Remotes		
LOCATION:	US&P, International waters		
ANTENNA ID:	TECOM	0.62 meters	TECOM
			KU-STREAM 1000
14000.0000 - 14500.0000 MHz	9M00G7D	43.80 dBW	BPSK, QPSK DIGITAL DATA
10950.0000 - 11200.0000 MHz	1M20G7D		QPSK, 8PSK, 16APSK
10950.0000 - 11200.0000 MHz	54M0G7D		QPSK, 8PSK, 16APSK
10950.0000 - 11700.0000 MHz	1M20G7D		QPSK, 8PSK, 16APSK
10950.0000 - 11700.0000 MHz	54M0G7D		QPSK, 8PSK, 16APSK
10950.0000 - 12200.0000 MHz	1M20G7D		QPSK, 8PSK, 16APSK

10950.0000 - 12200.0000 MHz	54M0G7D		QPSK, 8PSK, 16APSK
11450.0000 - 11700.0000 MHz	1M20G7D		QPSK, 8PSK, 16APSK
11450.0000 - 11700.0000 MHz	54M0G7D		QPSK, 8PSK, 16APSK
11450.0000 - 12200.0000 MHz	1M20G7D		QPSK, 8PSK, 16APSK
11450.0000 - 12200.0000 MHz	54M0G7D		QPSK, 8PSK, 16APSK
11700.0000 - 12200.0000 MHz	1M20G7D		QPSK, 8PSK, 16APSK
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, 8PSK, 16APSK
14000.0000 - 14500.0000 MHz	500KG7D	43.80 dBW	BPSK, QPSK DIGITAL DATA
10700.0000 - 12200.0000 MHz	139MG7D		QPSK, 16APSK
10950.0000 - 11200.0000 MHz	1M05G7D		QPSK, 16APSK
10950.0000 - 12200.0000 MHz	27M0G7W		QPSK, 16APSK
11200.0000 - 11450.0000 MHz	1M05G7D		QPSK, 16APSK
11450.0000 - 11700.0000 MHz	139MG7D		QPSK, 16APSK
11450.0000 - 12200.0000 MHz	27M0G7D		QPSK, 16APSK
11450.0000 - 12200.0000 MHz	36M0G7D		QPSK, 16APSK
11700.0000 - 12200.0000 MHz	54M0G7D		QPSK, 16APSK
12200.0000 - 12750.0000 MHz	1M50G7D		QPSK, 16APSK
14000.0000 - 14500.0000 MHz	21M0G7D	43.80 dBW	QPSK
14000.0000 - 14500.0000 MHz	32K0G7D	40.39 dBW	QPSK
10700.0000 - 12200.0000 MHz	1M05G7D		QPSK, 16APSK
10950.0000 - 11200.0000 MHz	139MG7D		QPSK, 16APSK
10950.0000 - 11700.0000 MHz	1M05G7D		QPSK, 16APSK
11200.0000 - 11450.0000 MHz	139MG7D		QPSK, 16APSK
11200.0000 - 11450.0000 MHz	54M0G7D		QPSK, 16APSK
11450.0000 - 11700.0000 MHz	1M05G7D		QPSK, 16APSK
11450.0000 - 12200.0000 MHz	1M05G7D		QPSK, 16APSK

11700.0000 - 12200.0000 MHz	1M50G7D	QPSK, 16APSK
12200.0000 - 12750.0000 MHz	139MG7D	QPSK, 16APSK
12200.0000 - 12750.0000 MHz	54M0G7D	QPSK, 16APSK
10950.0000 - 12200.0000 MHz	1M05G7D	QPSK, 16APSK

Points of Communication:

MELCO Remotes - E117 WA (S2873) - (116.8 W.L.)

MELCO Remotes - ESTRELA DO SUL 2 - (63 W.L.)

MELCO Remotes - TELSTAR 11N (S2357) - (37.5 W.L.)

PPA Remotes - ANIK G1 - (107.3 W.L.)

PPA Remotes - APSTAR 6(M292090) - (226 W.L.)

PPA Remotes - APSTAR 6C(M161190) - (134 E.L.)

PPA Remotes - APSTAR 6D(M246190) - (134 E.L.)

PPA Remotes - Apstar 7 - (76.5 E.L.)

PPA Remotes - AsiaSat 5 - (100.5E)

PPA Remotes - AsiaSat 7 - (105.5 E.L.)

PPA Remotes - AsiaSat-9 - (122 E.L)

PPA Remotes - Chinasat 10(M246191) - (110.5 E.L.)

PPA Remotes - E117 WA (S2873) - (116.8 W.L.)

PPA Remotes - ESTRELA DO SUL 2 - (63 W.L.)

PPA Remotes - Eutelsat 10A (W2A) - (10.0 E.L.)

PPA Remotes - Eutelsat 70B - (70.5 E.L.)

PPA Remotes - EUTELSAT115WB(S2938) - (114.9 W.L.)

PPA Remotes - EUTELSAT172B(S3021) - (172 E.L.)

PPA Remotes - Express AM5 - (140.0 E. L)

PPA Remotes - Express AM6 - (53.0 E.L.)

PPA Remotes - GALAXY 16 (S2687) - (99 W.L.)

PPA Remotes - HORIZONS-3 (S2947) - (169 E.L.)

PPA Remotes - INTELSAT 14 (S2785) - (45.0 W.L.)

PPA Remotes - INTELSAT 15 (S2789) - (85.15 E.L.)

PPA Remotes - INTELSAT 21 (S2863) - (58.0 W.L.)

PPA Remotes - INTELSAT 29e (S2913) - (50.0 W.L.)

PPA Remotes - INTELSAT 33e (S2939) - (60.0 E.L.)

PPA Remotes - JCSAT 5A - (132 E.L.)

PPA Remotes - JCSAT-2B(M174163) - (154 E.L.)

PPA Remotes - NSS-12 - (57.0 E.L.)

PPA Remotes - PERMITTED LIST - ()

PPA Remotes - SES-12 (M192103) - (95 E.L.)

PPA Remotes - SES-14 (S2974) - (47.5 W.L.)

PPA Remotes - SES-15 (S2951) - (129.15 W.L.)

PPA Remotes - Superbird C2 - (144 E.L.)

PPA Remotes - TELSTAR 11N (S2357) - (37.5 W.L.)

PPA Remotes - TELSTAR 12 V (S2933) - (15 W.L.)

PPA Remotes - TELSTAR 19V - (63 W.L.)

PPA Remotes - Yamal 300K - (177 W.L.)

PPA Remotes - Yamal 401 - (90 E.L.)

SPA Remotes - ANIK G1 - (107.3 W.L.)

SPA Remotes - APSTAR 6(M292090) - (226 W.L.)

SPA Remotes - APSTAR 6C(M161190) - (134 E.L.)

SPA Remotes - APSTAR 6D(M246190) - (134 E.L.)

SPA Remotes - Apstar 7 - (76.5 E.L.)

SPA Remotes - AsiaSat 5 - (100.5E)

SPA Remotes - AsiaSat 7 - (105.5 E.L.)

SPA Remotes - AsiaSat-9 - (122 E.L.)

SPA Remotes - Chinasat 10(M246191) - (110.5 E.L.)

SPA Remotes - E117 WA (S2873) - (116.8 W.L.)

SPA Remotes - ESTRELA DO SUL 2 - (63 W.L.)

SPA Remotes - Eutelsat 10A (W2A) - (10.0 E.L.)

SPA Remotes - Eutelsat 70B - (70.5 E.L.)

SPA Remotes - EUTELSAT115WB(S2938) - (114.9 W.L.)

SPA Remotes - EUTELSAT172B(S3021) - (172 E.L.)

SPA Remotes - EUTELSAT174A(S2610) - (174 E. L.)

SPA Remotes - Express AM5 - (140.0 E. L)

SPA Remotes - Express AM6 - (53.0 E.L.)

SPA Remotes - GALAXY 16 (S2687) - (99 W.L.)

SPA Remotes - HORIZONS-3 (S2947) - (169 E.L.)

SPA Remotes - INTELSAT 14 (S2785) - (45.0 W.L.)

SPA Remotes - INTELSAT 15 (S2789) - (85.15 E.L.)

SPA Remotes - INTELSAT 21 (S2863) - (58.0 W.L.)

SPA Remotes - INTELSAT 29e (S2913) - (50.0 W.L.)

SPA Remotes - INTELSAT 33e (S2939) - (60.0 E.L.)

SPA Remotes - JCSAT 5A - (132 E.L.)

SPA Remotes - JCSAT-2B(M174163) - (154 E.L.)

SPA Remotes - NSS-12 - (57.0 E.L.)

SPA Remotes - PERMITTED LIST - ()

SPA Remotes - SES-12 (M192103) - (95 E.L.)

SPA Remotes - SES-14 (S2974) - (47.5 W.L.)

SPA Remotes - SES-15 (S2951) - (129.15 W.L)

SPA Remotes - SUPERBIRD C2 (S2639) - (144 E.L.)

SPA Remotes - TELSTAR 11N (S2357) - (37.5 W.L.)

SPA Remotes - TELSTAR 12 V (S2933) - (15 W.L.)

SPA Remotes - TELSTAR 19V - (63 W.L.)

SPA Remotes - Yamal 300K - (177 W.L)

SPA Remotes - Yamal 401 - (90 E.L.)

TECOM Remotes - ANIK G1 - (107.3 W.L.)

TECOM Remotes - ESTRELA DO SUL 2 - (63 W.L.)

TECOM Remotes - EUTELSAT115WB(S2938) - (114.9 W.L.)

TECOM Remotes - EUTELSAT172B(S3021) - (172 E.L.)

TECOM Remotes - GALAXY 16 (S2687) - (99 W.L.)

TECOM Remotes - GE-23 - (188 W.L.)

ANTENNA ID:	4.8m	4.8 meters	General Dynamics	4.8 meter
	14000.0000 - 14500.0000 MHz		1M50G7W	59.20 dBW
				Digital Data Carrier
	11700.0000 - 12200.0000 MHz		1M50G7W	
				Digital Data Carrier

SITE ID: Remote

LOCATION:

ANTENNA ID:	Remotes	1.2 meters	Global Skyware	Type 123
	11700.0000 - 12200.0000 MHz		1M40G7W	
				Digital Data Carrier
	14000.0000 - 14500.0000 MHz		1M40G7W	49.30 dBW
				Digital Data Carrier

SITE ID: Boise Center West

LOCATION: 12601 West Bridger Street, Ada, Boise, ID

43 ° 39 ' 29.00 " N LAT.

116 ° 20 ' 23.00 " W LONG.

ANTENNA ID:	4.8m	4.8 meters	General Dynamics	4.8 meter
	11700.0000 - 12200.0000 MHz		1M50G7W	
				Digital Data Carrier
	14000.0000 - 14500.0000 MHz		1M50G7W	59.20 dBW
				Digital Data Carrier

Points of Communication:

Boise Bench - EUTELSAT117WA(S2873) - (116.8 W.L.)

Boise Bench - PERMITTED LIST - ()

Boise Center West - EUTELSAT117WA(S2873) - (116.8 W.L.)

Boise Center West - PERMITTED LIST - ()

Remote - EUTELSAT117WA(S2873) - (116.8 W.L.)

Remote - PERMITTED LIST - ()

SES-MFS-20200513-00528 E E100089 Panasonic Avionics Corporation

Modification

Class of Station: Other

Nature of Service: Earth Station Aboard Aircraft, Fixed Satellite Service, Other

Panasonic Avionics Corporation requests modification of its blanket license, as amended, to operate Ku-band earth stations aboard aircraft (ESAA) to authorize four new satellites as points of communication with the Single Panel Antenna (SPA) and Panasonic Phased Array (PPA) terminals, all using the 10.7-12.75 GHz (space-to-Earth) and 14.0-14.5 (Earth-to-space) frequency bands: (1) Telstar 19V at the 63° W.L. orbital location; (2) Horizon 3e (S2947) at the 169° E.L. orbital location; (3) GSAT-14 at the 74° E.L. orbital location, and (4) NSS-12 at the 57° E.L. orbital location. Panasonic will operate the SPA and PPA with GSAT-14 and NSS-12 outside of U.S. territory only. This application was amended by IBFS file number SES-AFS-20210225-00404 to add the NSS-12 satellite at the 57° E.L. as a point of communication.

SITE ID: MELCO Remotes

LOCATION: US&P, International waters

ANTENNA ID:	MELCO	0.68 meters	Mitsubishi Electronics	726-20176-101
	14000.0000 - 14400.0000 MHz	9M00G7D	42.15 dBW	BPSK, QPSK DIGITAL DATA
	14000.0000 - 14400.0000 MHz	500KG7D	32.70 dBW	BPSK, QPSK DIGITAL DATA
	10950.0000 - 11200.0000 MHz	1M20G7D		BPSK, QPSK DIGITAL DATA
	10950.0000 - 11200.0000 MHz	27M0G7D		BPSK, QPSK DIGITAL DATA
	10950.0000 - 11200.0000 MHz	54M0G7D		BPSK, QPSK DIGITAL DATA
	11450.0000 - 12200.0000 MHz	1M20G7D		BPSK, QPSK DIGITAL DATA
	11450.0000 - 12200.0000 MHz	27M0G7D		BPSK, QPSK DIGITAL DATA
	11450.0000 - 12200.0000 MHz	54M0G7D		BPSK, QPSK DIGITAL DATA
	11700.0000 - 12200.0000 MHz	1M20G7D		BPSK, QPSK DIGITAL DATA
	11700.0000 - 12200.0000 MHz	54M0G7D		BPSK, QPSK DIGITAL DATA
	14000.0000 - 14400.0000 MHz	9M00G7D	39.85 dBW	BPSK, QPSK
	14000.0000 - 14400.0000 MHz	500KG7D	27.30 dBW	BPSK, QPSK

SITE ID: PPA Remotes
LOCATION: US&P, International waters

ANTENNA ID:	PPA	0.89 meters	PANASONIC	AURA LE
	11450.0000 - 12750.0000 MHz	36M0G7D		PSK
	10700.0000 - 12750.0000 MHz	1M20G7D		PSK
	10700.0000 - 12750.0000 MHz	36M0G7D		PSK
	10700.0000 - 12750.0000 MHz	54M0G7D		PSK
	12500.0000 - 12750.0000 MHz	1M20G7D		PSK
	12250.0000 - 12750.0000 MHz	54M0G7D		PSK
	12250.0000 - 12750.0000 MHz	1M20G7D		PSK
	11700.0000 - 12200.0000 MHz	54M0G7D		PSK
	11700.0000 - 12200.0000 MHz	1M20G7D		PSK
	11450.0000 - 12750.0000 MHz	27M0G7D		PSK
	11450.0000 - 12750.0000 MHz	1M20G7D		PSK

10950.0000 - 11700.0000 MHz	54M0G7D	PSK
10950.0000 - 11700.0000 MHz	1M20G7D	PSK
10950.0000 - 11200.0000 MHz	27M0G7D	PSK
11700.0000 - 12200.0000 MHz	36M0G7D	PSK
10950.0000 - 12500.0000 MHz	54M0G7D	PSK
10950.0000 - 12500.0000 MHz	36M0G7D	PSK
10950.0000 - 12500.0000 MHz	1M20G7D	PSK
10950.0000 - 12200.0000 MHz	54M0G7D	PSK
10950.0000 - 12200.0000 MHz	1M20G7D	PSK
10950.0000 - 11200.0000 MHz	48M6G7D	PSK
11450.0000 - 12200.0000 MHz	1M20G7D	PSK
11450.0000 - 12200.0000 MHz	48M6G7D	PSK
11450.0000 - 12200.0000 MHz	54M0G7D	PSK
12500.0000 - 12600.0000 MHz	1M20G7D	PSK
12500.0000 - 12600.0000 MHz	48M6G7D	PSK
12500.0000 - 12600.0000 MHz	54M0G7D	PSK
10950.0000 - 11200.0000 MHz	1M20G7D	PSK
10700.0000 - 12750.0000 MHz	1M05G7D	QPSK, 16APSK
10950.0000 - 11200.0000 MHz	1M05G7D	QPSK, 16APSK
10950.0000 - 11200.0000 MHz	72M0G7D	QPSK, 16APSK
10950.0000 - 11700.0000 MHz	1M05G7D	QPSK, 16APSK
10950.0000 - 12200.0000 MHz	112MG7D	QPSK, 16APSK
10950.0000 - 12200.0000 MHz	1M05G7D	QPSK, 16APSK
11200.0000 - 11450.0000 MHz	139MG7D	QPSK, 16APSK
11200.0000 - 11450.0000 MHz	54M0G7D	QPSK, 16APSK
11450.0000 - 11700.0000 MHz	1M05G7D	QPSK, 16APSK

11450.0000 - 12200.0000 MHz	1M05G7D	QPSK, 16APSK
11450.0000 - 12200.0000 MHz	97M2G7D	QPSK, 16APSK
11450.0000 - 12750.0000 MHz	72M0G7D	QPSK, 16APSK
12200.0000 - 12750.0000 MHz	139MG7D	QPSK, 16APSK
12200.0000 - 12750.0000 MHz	54M0G7D	QPSK, 16APSK
12250.0000 - 12750.0000 MHz	72M0G7D	QPSK, 16APSK
12500.0000 - 12750.0000 MHz	72M0G7D	QPSK, 16APSK
10700.0000 - 12200.0000 MHz	139MG7D	QPSK, 16APSK
10700.0000 - 12200.0000 MHz	1M05G7D	QPSK, 16APSK
10950.0000 - 11200.0000 MHz	139MG7D	QPSK, 16APSK
10950.0000 - 11200.0000 MHz	54M0G7D	QPSK, 16APSK
10950.0000 - 11200.0000 MHz	97M2G7D	QPSK, 16APSK
10950.0000 - 11700.0000 MHz	72M0G7D	QPSK, 16APSK
10950.0000 - 12200.0000 MHz	125MG7D	QPSK, 16APSK
10950.0000 - 12200.0000 MHz	36M0G7W	QPSK, 16APSK
11200.0000 - 11450.0000 MHz	1M05G7D	QPSK, 16APSK
11450.0000 - 11700.0000 MHz	139MG7D	QPSK, 16APSK
11450.0000 - 11700.0000 MHz	1M05G7D	QPSK, 16APSK
11450.0000 - 11700.0000 MHz	54M0G7D	QPSK, 16APSK
11450.0000 - 12200.0000 MHz	27M0G7D	QPSK, 16APSK
11450.0000 - 12200.0000 MHz	36M0G7D	QPSK, 16APSK
11450.0000 - 12750.0000 MHz	1M05G7D	QPSK, 16APSK
11700.0000 - 12200.0000 MHz	1M05G7D	QPSK, 16APSK
12200.0000 - 12750.0000 MHz	1M05G7D	QPSK, 16APSK
12200.0000 - 12750.0000 MHz	36M0G7D	QPSK, 16APSK
12250.0000 - 12750.0000 MHz	1M50G7D	QPSK, 16APSK

12500.0000 - 12600.0000 MHz	1M05G7D		QPSK, 16APSK
12500.0000 - 12600.0000 MHz	97M2G7D		QPSK, 16APSK
12500.0000 - 12750.0000 MHz	1M05G7D		QPSK, 16APSK
12500.0000 - 12750.0000 MHz	54M0G7D		QPSK, 16APSK
12250.0000 - 12750.0000 MHz	1M05G7D		QPSK, 16APSK
11450.0000 - 12450.0000 MHz	1M05G7D		QPSK, 16APSK
11450.0000 - 12450.0000 MHz	139MG7D		QPSK, 16APSK
10700.0000 - 12750.0000 MHz	139MG7D		QPSK, 16APSK
10700.0000 - 11450.0000 MHz	1M05G7D		QPSK, 16APSK
10700.0000 - 11450.0000 MHz	139MG7D		QPSK, 16APSK
14000.0000 - 14500.0000 MHz	9M00G7D	48.00 dBW	QPSK
14000.0000 - 14500.0000 MHz	500KG7D	44.84 dBW	QPSK
14000.0000 - 14500.0000 MHz	32K0G7D	44.37 dBW	QPSK
14000.0000 - 14500.0000 MHz	21M0G7D	48.00 dBW	QPSK
10700.0000 - 12750.0000 MHz	36M0G7D		QPSK, 16 APSK
10700.0000 - 12750.0000 MHz	1M50G7D		QPSK, 16 APSK
10700.0000 - 12750.0000 MHz	139MG7D		QPSK, 16 APSK
14000.0000 - 14500.0000 MHz	32K0G7D	36.04 dBW	QPSK
14000.0000 - 14500.0000 MHz	8M00G7D	48.00 dBW	QPSK
10950.0000 - 12750.0000 MHz	1M05G7D		QPSK
10950.0000 - 12750.0000 MHz	54M0G7D		QPSK
SITE ID: SPA Remotes			
LOCATION: US&P , International waters			
ANTENNA ID: SPA	0.949 meters	PANASONIC	SPA
10700.0000 - 12750.0000 MHz	1M20G7D		QPSK, 8PSK, 16APSK
10700.0000 - 12750.0000 MHz	36M0G7D		QPSK, 8PSK, 16APSK
10950.0000 - 11700.0000 MHz	1M20G7D		QPSK, 8PSK, 16APSK

10950.0000 - 11700.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
10950.0000 - 12500.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
10950.0000 - 12500.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
11450.0000 - 11700.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
11450.0000 - 11950.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
11450.0000 - 11950.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
11450.0000 - 12200.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
11450.0000 - 12200.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
11450.0000 - 12750.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
11450.0000 - 12750.0000 MHz	36M0G7D	QPSK, 8PSK, 16APSK
11450.0000 - 12750.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
11700.0000 - 12200.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
11700.0000 - 12200.0000 MHz	36M0G7D	QPSK, 8PSK, 16APSK
11700.0000 - 12200.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
12200.0000 - 12750.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
12200.0000 - 12750.0000 MHz	36M0G7D	QPSK, 8PSK, 16APSK
12250.0000 - 12750.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
12250.0000 - 12750.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
12500.0000 - 12750.0000 MHz	36M0G7D	QPSK, 8PSK, 16APSK
12500.0000 - 12600.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
12500.0000 - 12600.0000 MHz	48M6G7D	QPSK, 8PSK, 16APSK
12500.0000 - 12600.0000 MHz	54M0G7D	QPSK, 8PSK, 16APSK
10950.0000 - 11200.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK
10950.0000 - 11200.0000 MHz	48M6G7D	QPSK, 8PSK, 16APSK
11450.0000 - 12200.0000 MHz	48M6G7D	QPSK, 8PSK, 16APSK
12500.0000 - 12750.0000 MHz	1M20G7D	QPSK, 8PSK, 16APSK

10700.0000 - 12750.0000 MHz	1M05G7D	QPSK, 16APSK
10950.0000 - 11200.0000 MHz	54M0G7D	QPSK, 16APSK
10950.0000 - 11700.0000 MHz	1M05G7D	QPSK, 16APSK
10950.0000 - 12200.0000 MHz	125MG7D	QPSK, 16APSK
11200.0000 - 11450.0000 MHz	139MG7D	QPSK, 16APSK
11450.0000 - 11700.0000 MHz	139MG7D	QPSK, 16APSK
11450.0000 - 11950.0000 MHz	1M05G7D	QPSK, 16APSK
11450.0000 - 12200.0000 MHz	27M0G7D	QPSK, 16APSK
12200.0000 - 12750.0000 MHz	54M0G7D	QPSK, 16APSK
12500.0000 - 12600.0000 MHz	97M2G7D	QPSK, 16APSK
12500.0000 - 12750.0000 MHz	72M0G7D	QPSK, 16APSK
10700.0000 - 12200.0000 MHz	139MG7D	QPSK, 16APSK
10950.0000 - 11200.0000 MHz	72M0G7D	QPSK, 16APSK
10950.0000 - 11700.0000 MHz	139MG7D	QPSK, 16APSK
10950.0000 - 12200.0000 MHz	112MG7D	QPSK, 16APSK
10950.0000 - 12200.0000 MHz	27M0G7W	QPSK, 16APSK
11200.0000 - 11450.0000 MHz	54M0G7D	QPSK, 16APSK
11450.0000 - 11700.0000 MHz	1M05G7D	QPSK, 16APSK
11450.0000 - 11950.0000 MHz	72M0G7D	QPSK, 16APSK
11450.0000 - 12200.0000 MHz	97M2G7D	QPSK, 16APSK
12250.0000 - 12750.0000 MHz	72M0G7D	QPSK, 16APSK
10700.0000 - 12200.0000 MHz	1M05G7D	QPSK, 16APSK
10950.0000 - 11200.0000 MHz	139MG7D	QPSK, 16APSK
10950.0000 - 11200.0000 MHz	1M05G7D	QPSK, 16APSK
10950.0000 - 11200.0000 MHz	97M2G7D	QPSK, 16APSK
10950.0000 - 11700.0000 MHz	72M0G7D	QPSK, 16APSK

10950.0000 - 12200.0000 MHz	1M05G7D		QPSK, 16APSK
11200.0000 - 11450.0000 MHz	1M05G7D		QPSK, 16APSK
11450.0000 - 11700.0000 MHz	54M0G7D		QPSK, 16APSK
11450.0000 - 12200.0000 MHz	1M05G7D		QPSK, 16APSK
11700.0000 - 12200.0000 MHz	1M05G7D		QPSK, 16APSK
12200.0000 - 12750.0000 MHz	139MG7D		QPSK, 16APSK
12200.0000 - 12750.0000 MHz	1M05G7D		QPSK, 16APSK
12500.0000 - 12600.0000 MHz	1M50G7D		QPSK, 16APSK
12500.0000 - 12750.0000 MHz	1M05G7D		QPSK, 16APSK
12500.0000 - 12750.0000 MHz	54M0G7D		QPSK, 16APSK
12250.0000 - 12750.0000 MHz	1M05G7D		QPSK, 16APSK
11450.0000 - 12450.0000 MHz	1M05G7D		QPSK, 16APSK
11450.0000 - 12450.0000 MHz	139MG7D		QPSK, 16APSK
10700.0000 - 12750.0000 MHz	139MG7D		QPSK, 16APSK
10700.0000 - 11450.0000 MHz	1M05G7D		QPSK, 16APSK
10700.0000 - 11450.0000 MHz	139MG7D		QPSK, 16APSK
14000.0000 - 14500.0000 MHz	32K0G7D	40.37 dBW	QPSK
14000.0000 - 14500.0000 MHz	21M0G7D	45.00 dBW	QPSK
14000.0000 - 14500.0000 MHz	500KG7D	45.00 dBW	QPSK
14000.0000 - 14500.0000 MHz	9M00G7D	45.00 dBW	QPSK
10700.0000 - 12750.0000 MHz	139MG7D	0.00 dBW	QPSK, 16 APSK
10700.0000 - 12750.0000 MHz	1M05G7D		QPSK, 16 APSK
10700.0000 - 12750.0000 MHz	36M0G7D		QPSK, 16 APSK
14000.0000 - 14500.0000 MHz	32K0G7D	34.24 dBW	QPSK
14000.0000 - 14500.0000 MHz	8M00G7D	45.00 dBW	QPSK
10950.0000 - 12750.0000 MHz	1M05G7D		QPSK

10950.0000 - 12750.0000 MHz		54M0G7D		QPSK
SITE ID:	TECOM Remotes			
LOCATION:	US&P, International waters			
ANTENNA ID:	TECOM	0.62 meters	TECOM	KU-STREAM 1000
14000.0000 - 14500.0000 MHz		9M00G7D	43.80 dBW	BPSK, QPSK DIGITAL DATA
10950.0000 - 11200.0000 MHz		1M20G7D		QPSK, 8PSK, 16APSK
10950.0000 - 11200.0000 MHz		54M0G7D		QPSK, 8PSK, 16APSK
10950.0000 - 11700.0000 MHz		1M20G7D		QPSK, 8PSK, 16APSK
10950.0000 - 11700.0000 MHz		54M0G7D		QPSK, 8PSK, 16APSK
10950.0000 - 12200.0000 MHz		1M20G7D		QPSK, 8PSK, 16APSK
10950.0000 - 12200.0000 MHz		54M0G7D		QPSK, 8PSK, 16APSK
11450.0000 - 11700.0000 MHz		1M20G7D		QPSK, 8PSK, 16APSK
11450.0000 - 11700.0000 MHz		54M0G7D		QPSK, 8PSK, 16APSK
11450.0000 - 12200.0000 MHz		1M20G7D		QPSK, 8PSK, 16APSK
11450.0000 - 12200.0000 MHz		54M0G7D		QPSK, 8PSK, 16APSK
11700.0000 - 12200.0000 MHz		1M20G7D		QPSK, 8PSK, 16APSK
11700.0000 - 12200.0000 MHz		36M0G7D		QPSK, 8PSK, 16APSK
14000.0000 - 14500.0000 MHz		500KG7D	43.80 dBW	BPSK, QPSK DIGITAL DATA
10700.0000 - 12200.0000 MHz		139MG7D		QPSK, 16APSK
10950.0000 - 11200.0000 MHz		1M05G7D		QPSK, 16APSK
10950.0000 - 12200.0000 MHz		27M0G7W		QPSK, 16APSK
11200.0000 - 11450.0000 MHz		1M05G7D		QPSK, 16APSK
11450.0000 - 11700.0000 MHz		139MG7D		QPSK, 16APSK
11450.0000 - 12200.0000 MHz		27M0G7D		QPSK, 16APSK
11450.0000 - 12200.0000 MHz		36M0G7D		QPSK, 16APSK
11700.0000 - 12200.0000 MHz		54M0G7D		QPSK, 16APSK
12200.0000 - 12750.0000 MHz		1M50G7D		QPSK, 16APSK

14000.0000 - 14500.0000 MHz	21M0G7D	43.80 dBW	QPSK
14000.0000 - 14500.0000 MHz	32K0G7D	40.39 dBW	QPSK
10700.0000 - 12200.0000 MHz	1M05G7D		QPSK, 16APSK
10950.0000 - 11200.0000 MHz	139MG7D		QPSK, 16APSK
10950.0000 - 11700.0000 MHz	1M05G7D		QPSK, 16APSK
11200.0000 - 11450.0000 MHz	139MG7D		QPSK, 16APSK
11200.0000 - 11450.0000 MHz	54M0G7D		QPSK, 16APSK
11450.0000 - 11700.0000 MHz	1M05G7D		QPSK, 16APSK
11450.0000 - 12200.0000 MHz	1M05G7D		QPSK, 16APSK
11700.0000 - 12200.0000 MHz	1M50G7D		QPSK, 16APSK
12200.0000 - 12750.0000 MHz	139MG7D		QPSK, 16APSK
12200.0000 - 12750.0000 MHz	54M0G7D		QPSK, 16APSK
10950.0000 - 12200.0000 MHz	1M05G7D		QPSK, 16APSK

Points of Communication:

MELCO Remotes - E117 WA (S2873) - (116.8 W.L.)

MELCO Remotes - TELSTAR 11N (S2357) - (37.5 W.L.)

PPA Remotes - ANIK G1 - (107.3 W.L.)

PPA Remotes - APSTAR 6(M292090) - (226 W.L.)

PPA Remotes - APSTAR 6C(M161190) - (134 E.L.)

PPA Remotes - APSTAR 6D(M246190) - (134 E.L.)

PPA Remotes - Apstar 7 - (76.5 E.L.)

PPA Remotes - AsiaSat 5 - (100.5E)

PPA Remotes - AsiaSat 7 - (105.5 E.L.)

PPA Remotes - AsiaSat-9 - (122 E.L)

PPA Remotes - Chinasat 10(M246191) - (110.5 E.L.)

PPA Remotes - E117 WA (S2873) - (116.8 W.L.)

PPA Remotes - ESTRELA DO SUL 2 - (63 W.L.)

PPA Remotes - ESTRELA DO SUL 2 - (63 W.L.)

PPA Remotes - Eutelsat 10A (W2A) - (10.0 E.L.)

PPA Remotes - Eutelsat 70B - (70.5 E.L.)

PPA Remotes - EUTELSAT115WB(S2938) - (114.9 W.L.)

PPA Remotes - EUTELSAT172B(S3021) - (172 E.L.)

PPA Remotes - Express AM5 - (140.0 E. L)

PPA Remotes - Express AM6 - (53.0 E.L.)

PPA Remotes - GALAXY 16 (S2687) - (99 W.L.)

PPA Remotes - HORIZONS-3 (S2947) - (169 E.L.)

PPA Remotes - INTELSAT 14 (S2785) - (45.0 W.L.)

PPA Remotes - INTELSAT 15 (S2789) - (85.15 E.L.)

PPA Remotes - INTELSAT 21 (S2863) - (58.0 W.L.)

PPA Remotes - INTELSAT 29e (S2913) - (50.0 W.L.)

PPA Remotes - INTELSAT 33e (S2939) - (60.0 E.L.)

PPA Remotes - JCSAT 5A - (132 E.L.)

PPA Remotes - JCSAT-2B(M174163) - (154 E.L.)

PPA Remotes - NSS-12 - (57.0 E.L.)

PPA Remotes - PERMITTED LIST - ()

PPA Remotes - SES-12 (M192103) - (95 E.L.)

PPA Remotes - SES-14 (S2974) - (47.5 W.L.)

PPA Remotes - SES-15 (S2951) - (129.15 W.L)

PPA Remotes - Superbird C2 - (144 E.L)

PPA Remotes - TELSTAR 11N (S2357) - (37.5 W.L.)

PPA Remotes - TELSTAR 12 V (S2933) - (15 W.L.)

PPA Remotes - TELSTAR 19V - (63 W.L.)

PPA Remotes - Yamal 300K - (177 W.L.)

PPA Remotes - Yamal 401 - (90 E.L.)

SPA Remotes - ANIK G1 - (107.3 W.L.)

SPA Remotes - APSTAR 6(M292090) - (226 W.L.)

SPA Remotes - APSTAR 6C(M161190) - (134 E.L.)

SPA Remotes - APSTAR 6D(M246190) - (134 E.L.)

SPA Remotes - Apstar 7 - (76.5 E.L.)

SPA Remotes - AsiaSat 5 - (100.5E)

SPA Remotes - AsiaSat 7 - (105.5 E.L.)

SPA Remotes - AsiaSat-9 - (122 E.L)

SPA Remotes - Chinasat 10(M246191) - (110.5 E.L.)

SPA Remotes - E117 WA (S2873) - (116.8 W.L.)

SPA Remotes - ESTRELA DO SUL 2 - (63 W.L.)

SPA Remotes - Eutelsat 10A (W2A) - (10.0 E.L.)

SPA Remotes - Eutelsat 70B - (70.5 E.L.)

SPA Remotes - EUTELSAT115WB(S2938) - (114.9 W.L.)

SPA Remotes - EUTELSAT172B(S3021) - (172 E.L.)

SPA Remotes - EUTELSAT174A(S2610) - (174 E. L.)

SPA Remotes - Express AM5 - (140.0 E. L)

SPA Remotes - Express AM6 - (53.0 E.L.)

SPA Remotes - GALAXY 16 (S2687) - (99 W.L.)

SPA Remotes - HORIZONS-3 (S2947) - (169 E.L.)

SPA Remotes - INTELSAT 14 (S2785) - (45.0 W.L.)

SPA Remotes - INTELSAT 15 (S2789) - (85.15 E.L.)

SPA Remotes - INTELSAT 21 (S2863) - (58.0 W.L.)

SPA Remotes - INTELSAT 29e (S2913) - (50.0 W.L.)

SPA Remotes - INTELSAT 33e (S2939) - (60.0 E.L.)

SPA Remotes - JCSAT 5A - (132 E.L.)

SPA Remotes - JCSAT-2B(M174163) - (154 E.L.)

SPA Remotes - NSS-12 - (57.0 E.L.)

SPA Remotes - PERMITTED LIST - ()

SPA Remotes - SES-12 (M192103) - (95 E.L.)

SPA Remotes - SES-14 (S2974) - (47.5 W.L.)

SPA Remotes - SES-15 (S2951) - (129.15 W.L)

SPA Remotes - SUPERBIRD C2 (S2639) - (144 E.L.)

SPA Remotes - TELSTAR 11N (S2357) - (37.5 W.L.)

TECOM Remotes - Yamal 300K - (177 W.L.)

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6900.0000 - 7055.0000 MHz	1M23G2W		Direct-sequence CDMA for single-carrier AMSS
6900.0000 - 7055.0000 MHz	1M23G7W		CDMA voice and data
6900.0000 - 7055.0000 MHz	2M46G7W		Wideband CDMA voice and data
6900.0000 - 7055.0000 MHz	2M46G2W		Wideband CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	N0N	59.00 dBW	Unmodulated CW for testing; maximum EIRP density per carrier is 59.0 dBW in any bandwidth.
5096.0000 - 5250.0000 MHz	1M23XXX	59.00 dBW	White noise modulated carrier for testing
5096.0000 - 5250.0000 MHz	1M23G7W	55.00 dBW	CDMA voice and data
5096.0000 - 5250.0000 MHz	1M23G2W	55.00 dBW	Direct-sequence CDMA for single-carrier AMSS
5096.0000 - 5250.0000 MHz	2M46G7W	55.00 dBW	Wideband CDMA voice and data
5096.0000 - 5250.0000 MHz	2M46G2W	55.00 dBW	Wideband CDMA for single-carrier AMSS
5091.3800 - 5091.6200 MHz	40K0G2D	68.00 dBW	TELECOMMAND CARRIER
5091.0000 - 5092.0000 MHz	76K0F2D	68.00 dBW	FM SUBCARRIER ON TELECOMMAND CARRIER
6900.0000 - 7055.0000 MHz	230KG7D		BURST MODE PACKET DATA WITH BPSK MODULATION
6900.0000 - 7055.0000 MHz	280KG7D		BURST MODE PACKET DATA WITH BPSK MODULATION
5096.0000 - 5250.0000 MHz	4M50G7D	68.00 dBW	BURST MODE PACKET DATA WITH BPSK MODULATION
6900.0000 - 7055.0000 MHz	200KG7D		BURST MODE PACKET DATA WITH BPSK MODULATION
6900.0000 - 7055.0000 MHz	2M50G2D		Direct-sequence CDMA for single-carrier telemetry data
6900.0000 - 7055.0000 MHz	2M50G7D		Direct-sequence CDMA for single-carrier telemetry data
Points of Communication:			
SBRG-4 - GLOBALSTAR (S2115) - (NGSO)			
SBRG-4 - GLOBALSTAR 2.0 - (NGSO)			

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

As the result of the recently completed merger of Scripps Media, Inc. (Scripps) and ION Media Networks (ION), ION's network of incumbent C-band earth stations have been assigned to Scripps and INYO. The modification application for call sign E190712, SES-MOD-20210204-00218, filed on behalf of Scripps/ION requested removal of earth stations associated with the television stations divested as part of the Scripps/ION merger and assigned them to INYO (see DA 20-1324). This grant is to record one of the assigned earth stations under a separate call sign.

SITE ID: Honolulu Studio

LOCATION: 875 Waimanu Street #630, Honolulu, Honolulu, HI

21 ° 17 ' 59.10 " N LAT.

157 ° 51 ' 16.30 " W LONG.

ANTENNA ID: KPXOS01

4.5 meters

Scientific Atlanta

8345

3700.0000 - 4200.0000 MHz

36M0G7F

Digital video with associated audio
subcarriers Modulations: 8PSK, QPSK

Points of Communication:

Honolulu Studio - PERMITTED LIST - ()

For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 1-888-835-5322.