

COMSAT, Inc.

Request for Extension of Special Temporary Authority to
Operate Santa Paula Teleport 12.8 Meter Hub Antennas to
Communicate with Inmarsat 3F2 Satellite to
Support Inmarsat Testing During Drift of Satellite

File Number SES-STA-20200228-00206
Call Sign KB34

COMSAT, Inc. (“COMSAT”) respectfully requests an extension of Special Temporary Authority (“STA”) for 180 days effective May 8, 2020 to allow COMSAT to continue to operate its Santa Paula, California Teleport 12.8 Meter Hub Antennas (SAPA 12.8M) for Inmarsat to communicate with its Inmarsat 3F2 Satellite (I3F2) using L-band and C-band frequencies during drift of I3F2.

Extension of the STA will enable COMSAT to continue to operate the SAPA 12.8M antennas to communicate with I3F2 during its drift utilizing the following emissions:

#	Frequency (MHz)	Polarization	Emission	Tx/Rx	Max EIRP (dBW)	Max EIRP /Carrier Density (dBW/4kHz)	Modulation
Pilot	1638.900	RHC	N0N	T	33	33	Pilot
Test Carrier 1	1639.180	RHC	10K0G1E	T	42	38	PSK
Test Carrier 2	1639.220	RHC	10KG01E	T	42	38	PSK
Test Carrier 3	1537.290	RHC	5K00G1E	R			PSK
Test Carrier 4	1537.295	RHC	5K00G1E	R			PSK
Omni TT&C 1	6421.500	RHC	800KFXD	T	80	57	FSK
Omni TT&C 2	6423.500	LHC	800KFXD	T	80	57	FSK
TM1	3950.600	RHC	800KFXD	R			FSK
Global TT&C 1	6339.500	RHC	800KFXD	T	73	50	FSK
Global TT&C 2	6341.500	RHC	800KFXD	T	73	50	FSK
Aux TM	3928.500	LHC	800KFXD	R			FSK

Extension of the STA is in the public interest because Inmarsat services historically supported by I3 satellites include maritime services used for Safety at Sea as well as services used by various U.S. agencies. It is therefore respectfully requested that extension of the STA as described above be granted for a period of 180 days, effective May 8, 2020.

Any questions with respect to this matter may be directed to James G. Lovelace at 571-599-3643.