

ULA Delta IV Heavy / EFT-1 Mission

Table 1 contains a list of Government provided ground based receiving systems that will be used to receive vehicle telemetry (2241.5 MHz, 2255.5 MHz, and 2272.5 MHz) or GPS data (2287.5MHz) from the launch vehicle during the mission profile. This list does not include the TDRSS airborne assets that will receive vehicle telemetry during the mission profile and transmit to their ground stations.

ULA has provided an asset identifier, area location, transmitter function, the specific transmitter operating frequency, and the Geographical Coordinates for ground and airborne systems, and a longitudinal location for the TDRSS Satellite Systems. ULA suggests using the area location and geographical coordinates for identification purposes.

If you have any questions, please contact ULA representative, Mark Schultz at 303.391.4524 or via email at mark.e.schultz@ulalaunch.com

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Table 1 – US Government Provided Receiving Ground Assets

Government Ground Assets	Receiver Location / Function	Geographical Coordinates	GPS - MT 2287.5 MHz	Vehicle Tlm 2241.5 MHz	SFI - TLM 2255.5 MHz 2272.5 MHz	Notes
TEL-4	United States Florida CCAFS	Latitude (DD-MM-SS) N 28° 27' 36" Longitude (DD-MM-SS) W 80° 39' 0"	X	X	X	
JDMTA	United States Florida JDMTA	Latitude (DD-MM-SS) N 26° 58' 48" Longitude (DD-MM-SS) W 80° 6' 36"	X	X	X	
ANT TAA-3C	Antigua and Barbuda Antigua	Latitude (DD-MM-SS) N 17° 8' 24" Longitude (DD-MM-SS) W 61° 52' 48"	X	X	X	Current planning does not expect support from Antigua but the station is included in the event the Eastern Range is able to bring up the station.
REEF	British Indian Ocean Territory Diego Garcia	Latitude (DD-MM-SS) S 07° 16' 12" Longitude (DD-MM-SS) E 72° 22' 12"		X	X	
GUAM	United States Guam	Latitude (DD-MM-SS) N 13° 37' 12" Longitude (DD-MM-SS) E 144° 51' 36"		X	X	
HULA	United States Hawaii	Latitude (DD-MM-SS) N 21° 34' 12" Longitude (DD-MM-SS) W 158° 15' 36"		X	X	