

§ 1215.104

- (1) Tracking service.
- (2) Data acquisition service.
- (3) Command transmission service.

(b) *Required Support Services.* These are support activities that are required to obtain TDRSS services.

(1) Prelaunch support planning, analysis, and documentation.

(2) Compatibility testing.

(3) Prelaunch support for data-flow testing and related activities.

(4) User services scheduling.

(c) *Mission-unique services.* Other tracking and data services desired by the user that are beyond the standard and required support services defined above. The associated charges for these services will be identified and assessed on a case-by-case basis.

[77 FR 6952, Feb. 10, 2012]

§ 1215.104 Apportionment and assignment of services.

No user may apportion, assign, or otherwise convey to any third party its TDRSS service. Each user may obtain service only through contractual agreement with the Associate Administrator for Space Operations.

[56 FR 28048, June 19, 1991]

§ 1215.105 Delivery of user data.

(a) As a standard service, NASA will provide to the user its data from TDRSS in the form of one or more digital or analog bit streams synchronized to associated clock streams at WSC or GRGT.

(b) User data-handling requirements beyond WSC or GRGT interface will be provided as a standard service to the user, to the extent that the requirements do not exceed NASA's planned standard communications system. Any additional data transport or handling requirements exceeding NASA's capability will be dealt with as a mission-unique service.

(c) No storage of the user data is provided in the standard service. NASA will provide short-term temporary recording of data at WSC in the event of a NASA Integrated Services Network (NISN) link outage.

(d) NASA will provide TDRSS services on a "reasonable efforts" basis, and, accordingly, will not be liable for damages of any kind to the user or

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third parties for any reason, including, but not limited to, failure to provide agreed-to services. The price for TDRSS services does not include a contingency or premium for any potential damages. The user will assume any risk of damages or obtain insurance to protect against any risk.

[77 FR 6952, Feb. 10, 2012]

§ 1215.106 User command and tracking data.

(a) User command data shall enter TDRSS via the NISN interface at WSC or GRGT.

(b) NASA is required to have knowledge of the user satellite orbital elements to sufficient accuracy to permit TDRSS to establish and maintain acquisition. This can be accomplished in two ways:

(1) The user can provide the orbital elements in a NASA format to meet TDRSS operational requirements.

(2) The user shall ensure that a sufficient quantity of tracking data is received to permit the determination of the user satellite orbital elements. The Flight Dynamics Facility (FDF) at GSFC will provide the orbit determination service to these users. The charges for this service will be negotiated between the FDF and the user and will be dependent on user requirements.

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§ 1215.107 User data security and frequency authorizations.

(a) User data security is not provided by the TDRSS. Responsibility for data security resides solely with the user. Users desiring data safeguards shall provide and operate, external to the TDRSS, the necessary equipment or systems to accomplish data security. Any such user provisions must be compatible with data flow through TDRSS and not interfere with other users.

(b) All radio frequency authorizations associated with operations pursuant to this directive are the responsibility of the user. If appropriate, authority(ies) must be obtained from the Federal Communications Commission (FCC) for operations consistent with U.S. footnote 303 of the National Table