

§ 1215.114

user less than 12 hours prior to the start of that scheduled service period, will be charged as if the scheduled service actually occurred.

(2) The time scheduled by the user project shall include the slew time, set up and/or configuration time, TDRSS contact time, and all other conditions for which TDRSS services were allocated to the user.

(3) Charges will be accumulated by the minute, based on the computerized schedule/configuration messages which physically set up the TDRSS equipment at the start of a support period and free the equipment for other users at the end of a support period.

(c) The user shall reimburse NASA for the costs of any mission unique services provided by NASA.

(d) Any person or entity which pays to NASA the initial administrative charge (see §1215.115) does so with the understanding that it is not refundable whether or not an agreement is entered into with NASA for TDRSS services.

[48 FR 9845, Mar. 9, 1983, as amended at 56 FR 28049, June 19, 1991]

§ 1215.114 Service rates.

(a) Non-U.S. Government user rates will reflect TDRSS total operational and maintenance costs prorated to a per-minute basis.

(b) Rates for TDRSS services will be set by the Associate Administrator for Space Operations each October for the following year, January through December. Rate variations will reflect changes in operating costs, loading formulas and escalation.

(c) Projected estimates will include escalation bases on the Bureau of Labor Statistics Index for compensation per hour—total private.

(d) Appendix A is provided for preliminary planning purposes only. It delineates the rate per minute by service and type of user. These rates are subject to change.

(e) The per minute charge for TDRSS service is computed by multiplying the charge per minute for the appropriate service by the number of minutes scheduled and the appropriate factor

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(for flexible, constrained or disruptive/emergency service).

[48 FR 9845, Mar. 9, 1983, as amended at 49 FR 10659, Mar. 22, 1984; 56 FR 28049, June 19, 1991]

§ 1215.115 Payment and billing.

(a) To each user there will be an initial non-refundable administrative charge of \$25,000 which is applicable toward TDRSS operational services.

(b) The procedure for billing and payment of standard TDRSS services is as follows:

(1) The calendar year is divided into two service periods, January through June and July through December. The charge for TDRSS service will be determined in October for the succeeding calendar year.

(2) The estimated cost of service, January through June period, will be due the previous July 1, and will be billed 60 days prior to the payment due date.

(3) The estimated cost of service, July through December period, will be due the previous January 1, and will be billed 60 days prior to the payment due date.

(4) Adjustments to the amounts prepaid will be made to the succeeding billings as the actual service time is tabulated. Amounts due to the user will be credited to the next service period or refunded to the user if no more service is to be provided.

(5) The total estimated cost of all standard pre-launch services such as mission planning, documentation, link analysis, testing, computer, human resources, etc., with the exception of TDRSS operational services, will be paid to the Government prior to NASA rendering such services. This advance payment will be applied as a credit to the charges billed for post-launch TDRSS operational services as specified in paragraphs (b) (1) through (4) of this section.

(c) Payment schedules for mission unique services will be mutually developed between NASA the user on a case-by-case basis, dependent upon level of engineering effort, long-lead items, special communication services or other considerations. Payment will generally be made prior to NASA incurring a cost for mission unique service.

(d) Late payments by the user will require the user to pay a late payment charge equal to 1½% per month of the unpaid balance calculated daily from the date the payment was due until the date payment is made.

APPENDIX A TO PART 1215—ESTIMATED SERVICE RATES IN 1997 DOLLARS FOR TDRSS STANDARD SERVICES (BASED ON NASA ESCALATION ESTIMATE)

TDRSS user service rates for services rendered in CY-97 based on current projections in 1997 dollars are as follows:

1. *Single Access Service*—Forward command, return telemetry, or tracking, or any combination of these, the base rate is \$184.00 per minute for non-U.S. Government users.

2. *Multiple Access Forward Service*—Base rate is \$42.00 per minute for non-U.S. Government users.

3. *Multiple Access Return Service*—Base rate is \$13.00 per minute for non-U.S. Government users.

Due to the advent of commercial launch service customers, an addendum will be required to reflect rates for service rendered under the Commercial Space Launch Act (CSLA). Due to statutory requirements, the rates are slightly different for CSLA customers.

CSLA customer rates:

1. *Single Access Service*—Base rate is \$180 per minute for CSLA users.

2. *Multiple Access Forward Service*—Base rate is \$39 per minute for CSLA users.

3. *Multiple Access Return Service*—Base rate is \$13 per minute for CSLA users.

[61 FR 46713, Sept. 5, 1996]

APPENDIX B TO PART 1215—FACTORS AFFECTING STANDARD CHARGES

Charges for services shall be determined by multiplying the factors below by the base rates for standard services set forth in appendix A.

	Flexi-ble	Time or position con- strained	Emer- gency service, disruptive updates
Single access service5	1	2
Multiple access forward (command) service67	1	2
		Normally sched- uled sup- port	Emer- gency service, disruptive updates
Multiple access return (telemetry) service		1	2

APPENDIX C TO PART 1215—TYPICAL USER ACTIVITY TIMELINE

Time (approximate)	Activity
Project conceptualization (At least 3 years before launch; Ref. § 1215.108(a)).	Request NASA Headquarters perform study to determine availability of TDRSS. If accepted as a user, begin contractual negotiation by submission of \$25,000 non-refundable charge, and place into mission model.
3 years before launch (Ref. § 1215.109(c)..	Submit general user requirements to permit preliminary planning. Begin payment for pre-mission activities (Ref. § 1215.115(b)(5)).
18 months before launch (earlier if interfacing is expected)..	Provide detailed requirements for technical definition and development of operational documents and ICD's. (Ref. § 1215.109(e)). If appropriate, initiate action with the Federal Communications Commission for license to communicate with TDRSS at least 18 months prior to launch (Ref. § 1215.107(b)).
3 weeks prior to a scheduled support period (SSP). 2 weeks prior to an SSP.	Submit scheduling request to GSFC covering a weekly period. Receive schedule from GSFC based on principles of priority (Ref. § 1215.109(b)(2)). Acknowledgement to GSFC required.
Up to 12 hours prior to an SSP..	Can cancel an SSP without charge (Ref. § 1215.113(a)(1)).
Up to 45 minutes prior to an SPP..	Can schedule an SSP if a time slot is available without impacting another user.
Between SSP minus 45 minutes and the SSP..	Schedule requests will be charged at the disruptive update rate (Ref. § 1215.109(b)(5)).
Real-Time.	Emergency service requests will be responded to per the priority system (Ref. § 1215.109(b)(3)) and assessed the emergency service rate.

[56 FR 28049, June 19, 1991]

PART 1216—ENVIRONMENTAL QUALITY

Subpart 1216.1—Policy on Environmental Quality and Control

- Sec.
- 1216.100 Scope.
- 1216.101 Applicability.
- 1216.102 Policy.
- 1216.103 Responsibilities of NASA officials.

Subpart 1216.2—Floodplain and Wetlands Management

- 1216.200 Scope.
- 1216.201 Applicability.
- 1216.202 Responsibility of NASA officials.
- 1216.203 Definition of key terms.
- 1216.204 General implementation requirements.