



## Change Information Page

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40. DIS Pre Service Test (PST) shall not be performed when any DIS Shuttle chain is already assigned. A DIS Shuttle chain is assigned from the earliest SHO service start time minus PST period to last service stop time.
41. The minimum value of the Max Data Rate parameter in a SHO shall be 1000 bps.
42. For users transmitting from a single source by QPSK modulation, only the I Channel data of Subheader 6 is applicable. For users transmitting BPSK, the applicable channel of Subheader 6 is as specified in Ground Rule 33.
43. MA services are applicable for TDRS A-G only. SSA and KSA services are applicable for TDRS A-J. SMA and KaSA services are applicable for TDRS H-J only. Incorrectly scheduled services for a TDRS shall be rejected.
44. Simultaneous scheduling of Ku and Ka Band services on the same SA antenna is not permitted.
45. Ka-Band services are DG-2, noncoherent only. There are no tracking services at Ka-Band.
46. IFL SHOs shall be applicable for Cacique only and shall not be reconfigurable. The number of services in an IFL SHO is always 1. Each service in a normal or EET SHO that specifies potential use of the Danzante HDRM will result in an IFL SHO being scheduled at Cacique. The number of data channels which may be accounted for in the IFL SHO's Subheader 6 is always 2. For Shuttle KSAR, channel 1 is always omitted.

### 2.2.3 End-To-End Test (EET) Data Ground Rules

The following ground rules apply to End-to-End Test SHO's:

1. Deleted.
2. End-to-End Test services cannot be scheduled alone, i.e., the related traffic services must be included in the SHO.
3. In an End-to-End Test SHO, the start time specified in an End-to-End Test data set must be the same as that of the related traffic service and the stop time in the End-to-End Test data set must be the same as that of the related traffic service.
4. End-to-End Test services cannot be included in a normal SHO. An End-to-End Test SHO must be used for End-to-End Test services.
5. All End-to-End Test SHO reject messages shall be sent to the NCC without operator intervention.
6. Shuttle End-to-End Test and pre-service test shall not overlap on the same SA antenna on any TDRS, e.g., if Shuttle End-to-End Test services are on-going on SGLT1 SA-1, then in order to avoid conflict, schedule overlapping Shuttle pre-service tests on SA-2 of SGLT1, 2 or 3, i.e., not on SA-1 of SGLT2 or 3. Shuttle SHO's shall not be rejected if End-to-End Tests and pre-service tests overlap, i.e., the Shuttle SHO shall be serviced without pre-service test.

- \*\* For Shuttle K-Band Mode 2 Channel 3 this field is either:
- Data rate for digital data from 16 Kbps to 4 Mbps,
  - Data rate for 1.024 Mhz subcarrier; 1,2,4,8 or 16 Kbps, or
  - Not applicable if Data Destination is 5 or 6.

For Shuttle K-Band Channel 2 this field is either:

- Data rate for digital data from 16 Kbps to 2 Mbps, or
- Data rate for 1.024 Mhz subcarrier: 1,2,4,8 or 16 Kbps.

For normal and EET SHOs (SHO Classes 1 and 3) a valid data rate is required to configure a DIS data path for Data Destinations 1, 2, 3, and 4. A zero data rate for these Data Destinations, shall indicate that a DIS data path shall not be initially configured for this channel, but that the channel may be established via reconfiguration. Non-zero data rates less than 125 kbps for Data Destination 2 shall be rejected. For Data Destinations 5 and 6, a zero data rate may be specified to indicate a DIS path shall be configured for the channel. the data rate shall be ASCII spaces and tThese destinations shall be reconfigurable.

For IFL SHOs (SHO Class 6) a zero or non-zero data rate greater than or equal to 125 kbps shall be used.