

Attachment 1: Modify Level 4 Text

| L4 id | req key | rel | req type | req status | ver method | ver status | CCR | clarification | text |
|-------------|---------|-----|-----------|--------------------------|------------|----------------------------|-----|---------------|---|
| F-FOS-00010 | 956 | B | interface | approved | test | unverified | | | The EOC shall use and support the Space Network (SN), via the EDOS/ EBnet Eeom interface, to obtain the forward and return link data communications needed to achieve full FOS functionality. |
| F-FOS-00015 | 957 | B | interface | approved | test | unverified | | | The EOC shall use and support the S-band contingency ground stations , Deep Space Network (DSN) , the Ground Network (GN) , and the Wallops Orbital Tracking Station (WOTS) ; via the EDOS/ EBnet Eeom /N |

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| | | | | | | | | | ascom interface, as backup of the SN, to obtain forward and return link data communications. |
| F-FOS-00020 | 11285 | B | interface | approved | test | unverified | 96-0952A | <p>The loop delay is measured from the originator to the spacecraft/instrument and back and only applies when a Tracking and Data Relay Satellite System (TDRSS) link is available for contact to the spacecraft.</p> <p>CSMS is providing the communication and networking services, which are part of the 2.5 seconds portion that ECS contributes to the total</p> | <p>The EOC shall use and support the EDOS/EBnet Ecom interface to obtain the data formatting services, data distribution services, and data quality and accounting services needed to achieve full FOS functionality.</p> |

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| | | | | | | | | <p>system delay.</p> <p>The capacities specified herein are based on the operational profile for the FOS.</p> <p>The communications services will be provided by CSMS.</p> | |
| F-FOS-00320 | 13034 | B | interface | <u>approved</u> | test | unverified | | <p>Reference the Interface Control Document between the EOC and Ebn <u>Ebn</u> for specifics pertaining to this interface.</p> | <p>The EOC shall use Ebn for data communications for the following types of data:</p> <ul style="list-style-type: none"> a. Real-time telemetry data, rate-buffered telemetry data b. Command data c. TDRSS schedule requests and TDRSS schedules d. Data exchange with the FDF, NCC and EDOS |

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| F-CMD-01160 | 1498 | A | interface | approved | demo | unverified | | | The EOC shall be capable of transmitting commands to EDOS via EBnetEcom . |
| F-FOS-00025 | 959 | A | interface | approved | test | unverified | | | The EOC shall use EBnetEcom for flight operations data transfers. |