Attachment 1: Add New L4 Requirements
Baseline: 3/14/97 Query Date: 3/26/97

paragraph_id	rel	requirement_key	text	clarification	req_type	req_status	verification_method	verification_status	CCR
F-DMS-01450	B	new	The FOS shall ingest and validate all FDF products listed: a. Sensor Calibration Table b. EOS AM-1 Mission Star Catalog c. Star Density Profile d. SSST Star Interference e. ESA Sun/Moon Interference f. FSS Visibility Predict g. TDRS State Vectors h. EOS AM-1Brouwer-Lyddane Elements i. TDRS Brouwer-Lyddane Elements j. Simulated EOS-AM1 Spacecraft Ephemeris k. Filter Tuning Parameters l. OMNI-to-TDRSS Viewing Times m. HGA-to-TDRSS Viewing Times n. OMNI-to-Ground Station Viewing Times o. HGA Gimbal Angles p. Predicted EOS-AM1 Ephemeris q. Predicted TDRS Ephemeris r. Orbit Adjust Maneuver Request s. Delta-V Parameters Table t. Mass and Center of Mass Location Estimates. u. Predicted EOS-AM1 Ranging Data.	TBD/TBR items in the FDD/ECS ICD are not validated.	operational functional	approved	test	unverified	

paragraph_id	rel	requirement_key	text	clarification	req_type	req_status	verification_method	verification_status	CCR
F-DMS-01451	B	new	The FOS shall ingest and validate all FDF products listed: a. Attitude Predictions b. Predicted Orbital Events c. Planned Orbit Maneuver Dataset d. Solar/Lunar Azimuth and Elevation Angles e. Solar Beta Angles f. Predicted Local Sun Time g. Lunar Beta Angles h. MODIS/MISR Sun and Moon FOV Events i. MODIS/MISR Planets and Stars FOV Events j. Predicted Sub-Satellite Point Dataset k. Predicted Spacecraft Altitude l. Predicted Spacecraft Day/Night Length m. AM-1 State Error Covariance Matrix n. Simulated Doppler Data o. Ku-Band Oscillator Frequency Report p. X-Band Interference Times q. Apogee/Perigee Altitude File r. Predicted Orbit Number and Start Times Dataset s. UTC to UT1 Timing t. Predicted Instrument Orbit Events u. Predicted EOS AM-1 State Vector.	TBD/TBR items in the FDD/ECS ICD are not validated.	operational functional	approved	test	unverified	

paragraph_id	rel	requirement_key	text	clarification	req_type	req_status	verification_method	verification_status	CCR
F-DMS-01452	B	new	The FOS shall ingest and validate all FDF products listed: a. Simulated TDRS State Vectors b. Simulated EOS AM-1 Brouwer-Lyddane Elements c. Simulated TDRS Brouwer-Lyddane Elements d. Simulated EOS AM-1 State Vectors e. Ground Station Contact Times f. MODIS FOV Target View Period g. Earth Gravity Model Spherical Harmonic Coefficients h. Earth Gravity Model Degree Variance i. Harris-Priester Atm. Density Model j. Solar Ephem Modification Data k. EOS AM-1 Modeling Data l. TDRS Modeling Data m. Ground Antenna Modeling Data n. State Tolerance Data o. Doppler Measurement Tolerance Data p. Covariance Tolerance Data q. Navigation Time Step Data r. Physical and Mathematical Constants Data s. Master Oscillator Frequency Bias Data t. Atmospheric Drag Data u. TDRSS Measurement Bias Data.	TBD/TBR items in the FDD/ECS ICD are not validated.	operational functional	approved	test	unverified	

paragraph_id	rel	requirement_key	text	clarification	req_type	req_status	verification_method	verification_status	CCR
F-DMS-01455	B	new	The EOC will provide validation of the definitions maintained in the ECS/FDF ICD. The following validation checks shall be performed on FDF Products: a. Validate mission name b. Validate date (of the data) c. Staleness of the date (must be today's date or a date in the future) d. Validate sequence number, if applicable e. Validate parameter range-of values g. Validate the orbit events alternate in the Planning aids file h. Validate certain thruster firings occur in pairs (used for AM-1) i. Validate times within the data records are within the valid range j. Validate that record size < a specific value k. Verify that record size = a specific value.	TBD/TBR items in the FDD/ECS ICD are not validated.	operational functional	approved	test	unverified	

Attachment 2: Add RBR/L4 Link
CCR: 97-0526A Baseline: 3/14/97 Query:3/26/97

RBR paragraph_id	Level 4 paragraph_id
EOC-2010#B	F-DMS-01450
EOC-2010#B	F-DMS-01451
EOC-2010#B	F-DMS-01452
EOC-2010#B	F-DMS-01455
EOC-3017#B	F-DMS-01450
EOC-3017#B	F-DMS-01451
EOC-3017#B	F-DMS-01452
EOC-3017#B	F-DMS-01455
EOSD1502#B	F-DMS-01450
EOSD1502#B	F-DMS-01451
EOSD1502#B	F-DMS-01452
EOSD1505#B	F-DMS-01450
EOSD1505#B	F-DMS-01451
EOSD1505#B	F-DMS-01452

RBR paragraph_id	Level 4 paragraph_id
NI-0310#B	F-DMS-01450
NI-0310#B	F-DMS-01451
NI-0310#B	F-DMS-01452
NI-0310#B	F-DMS-01455
NI-0340-b#B	F-DMS-01450
NI-0340-b#B	F-DMS-01451
NI-0340-b#B	F-DMS-01452
NI-0340-b#B	F-DMS-01455
NI-0350#B	F-DMS-01450
NI-0350#B	F-DMS-01451
NI-0350#B	F-DMS-01452
NI-0350#B	F-DMS-01455

Attachment 3: Add Component to Component Class
CCR: 97-0526A Baseline: 3/14/97 Query: 3/26/97

Component paragraph_id	component_type	dev_category	text	CCR
FdDbFDFLoad	Object	Develop	FOS Object	
FdDbFDFVal	Object	Develop	FOS Object	

Attachment 4: Add Component Class Link to Level 4
CCR: 97-0526A Baseline: 3/14/97 Query: 3/26/97

Component paragraph_id	Level 4 paragraph_id
FdDbFDFLoad	F-DMS-01450
FdDbFDFVal	F-DMS-01450
FdDbFDFLoad	F-DMS-01451
FdDbFDFVal	F-DMS-01451
FdDbFDFLoad	F-DMS-01452
FdDbFDFVal	F-DMS-01452
FdDbFDFLoad	F-DMS-01455
FdDbFDFVal	F-DMS-01455

Note: Level 4 to IT_FOS links will be provided in a future CCR