

Table 1: Rel A INS Requirement Clean_Up
Requirement update using baseline 07-31-96
This table identifies the relationship between Level_4 and RBR
This table is for review purposes only

| RBR ID | REQ KEY | REQ TYPE | RBR TEXT | REQ INTERP | L4 ID | REQ KEY | REQ TYPE | REL | L4 TEXT | CLARIFIC |
|------------|---------|------------|---|------------|-------------|---------|------------|--------|--|----------|
| DADS0180#B | 3471 | functional | Each DADS shall receive from the users, at a minimum, the following: a. Metadata b. Correlative data c. Documents d. New derived data sets | | S-INS-00200 | 4045 | functional | A B | The INGST CI shall allow a science user to specify the list of granule files in an interactive Network Ingest Request based on a displayed list of existing files stored on magnetic disk. | |
| PGS-1025#A | 4232 | functional | The PGS shall provide a Science Processing Library containing routines such as: a. Image processing routines b. Data visualization routines c. Graphics routines | | | | | | | |
| PGS-1025#B | 4940 | functional | The PGS shall provide a Science Processing Library containing routines such as: a. Image processing routines b. Data visualization routines c. Graphics routines | | | | | | | |
| DADS0180#B | 3471 | functional | Each DADS shall receive from the users, at a minimum, the following: a. Metadata b. Correlative data c. Documents d. New derived data sets | | S-INS-00207 | 4047 | functional | A B | The INGST CI shall automatically determine the data volume for each file in the list of granule files for an interactively entered Network Ingest Request. | |
| PGS-1025#A | 4232 | functional | The PGS shall provide a Science Processing Library containing routines such as: a. Image processing routines b. Data visualization routines c. Graphics routines | | | | | | | |

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| PGS-1025#B | 4940 | functional | The PGS shall provide a Science Processing Library containing routines such as: a. Image processing routines b. Data visualization routines c. Graphics routines | | | | | | | |
| DADS0180#B | 3471 | functional | Each DADS shall receive from the users, at a minimum, the following: a. Metadata b. Correlative data c. Documents d. New derived data sets | | S-INS-00210 | 9676 | functional | A B | The INGST CI shall allow authorized science users to save the contents of an interactively entered Network Ingest Request in a Delivery Record file with a specified file name. | |
| DADS0110#A | 4052 | functional | Each DADS shall receive from the IMS, at a minimum, the following: a. Documents b. Product status dialog c. Product orders | | S-INS-00224 | 4054 | functional | A B | The INGST CI shall allow a science user to specify the list of document granule files in an interactive Document Ingest Request based on a displayed list of existing files stored on magnetic disk. | |
| DADS0110#B | 3462 | functional | Each DADS shall receive from the IMS, at a minimum, the following: a. Documents b. Product status dialog c. Product orders | | | | | | | |
| DADS0180#B | 3471 | functional | Each DADS shall receive from the users, at a minimum, the following: a. Metadata b. Correlative data c. Documents d. New derived data sets | | | | | | | |
| DADS0110#A | 4052 | functional | Each DADS shall receive from the IMS, at a minimum, the following: a. Documents b. Product status dialog c. Product orders | | S-INS-00226 | 4056 | functional | A B | The INGST CI shall automatically determine the data volume for each file in the list of document granule files for an interactively entered Document Ingest Request. | |
| DADS0110#B | 3462 | functional | Each DADS shall receive from the IMS, at a minimum, the following: a. Documents b. Product status dialog c. Product orders | | | | | | | |

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| DADS0180#B | 3471 | functional | Each DADS shall receive from the users, at a minimum, the following: a. Metadata b. Correlative data c. Documents d. New derived data sets | | | | | | | |
| DADS0110#B | 3462 | functional | Each DADS shall receive from the IMS, at a minimum, the following: a. Documents b. Product status dialog c. Product orders | | S-INS-00229 | 4059 | functional | A B | The INGST CI shall allow authorized science users to save the contents of an interactively entered Document Ingest Request in a file with a specified file name. | |
| DADS0180#B | 3471 | functional | Each DADS shall receive from the users, at a minimum, the following: a. Metadata b. Correlative data c. Documents d. New derived data sets | | | | | | | |
| DADS0110#A | 4052 | functional | Each DADS shall receive from the IMS, at a minimum, the following: a. Documents b. Product status dialog c. Product orders | | | | | | | |
| EOSD2400#B | 3883 | security | ECS shall provide multiple categories of data protection based on the sensitivity levels of ECS data, as defined in NHB 2410.9. | | S-INS-00175 | 9673 | <u>functional</u> | A | The INGST CI shall report Hard Media Ingest Request status to the MSS event log for the following: a. Unauthorized hard media provider b. Unauthorized operations staff | |
| DADS0310#A | 4088 | functional | Each DADS shall verify that data received came from an approved/authorized source. | | | | | | | |
| DADS0310#B | 3483 | functional | Each DADS shall verify that data received came from an approved/authorized source. | | | | | | | |

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| EOSD2400#A | 4843 | security | ECS shall provide multiple categories of data protection based on the sensitivity levels of ECS data, as defined in NHB 2410.9. | | | | | | | |
| DADS0901#B | 3524 | functional | The DADS element shall collect the management data used to support the following system management functions: a. Fault Management b. Configuration Management c. Accounting Management d. Accountability Management e. Performance Management f. Security Management g. Scheduling Management h. Distribution and Ingest Management | B: Full capability - CM, Accountability, Performance, Security, Scheduling | S-INS-00345 | 9679 | <u>functional</u> | A | The INGST CI shall report status on the performance of ingest requests to the MSS with the following information: a. file transfer duration b. file processing duration c. data insert duration | |
| DADS1380#B | 3553 | functional | Each DADS shall monitor data transfer between external (non-ECS) elements and the DADS. | B: TRMM, AM-1, NOAA(ancillary), FDF, Landsat-7, DAAC unique capability | | | | | | |
| DADS1390#B | 3554 | functional | Each DADS shall monitor data transfer between elements of the ECS and the DADS. | | | | | | | |
| DADS1380#A | 4477 | functional | Each DADS shall monitor data transfer between external (non-ECS) elements and the DADS. | A: TRMM, AM-1, NOAA (ancillary), FDF, Landsat-7 | | | | | | |
| DADS1390#A | 4480 | functional | Each DADS shall monitor data transfer between elements of the ECS and the DADS. | | | | | | | |

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| DADS0901#A | 4122 | functional | <p>The DADS element shall collect the management data used to support the following system management functions:</p> <ul style="list-style-type: none"> a. Fault Management b. Configuration Management d. Accountability Management e. Performance Management f. Security Management g. Scheduling Management h. Distribution and Ingest Management | A: Full fault management reporting to SMC/LSM | | | | | | |
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