

Table 1 - Modify L3 Text
CCR 97-1133B
Data Reflects RTM Baseline of 6/23/97

| L3_id | req_key | title | CCR | text | | | | | | | | | | | | |
|-------------|------------------------------------|-------|-----|---|-------------|------------------------------------|-------------|----------|------------|----------|-------------|----------|------------|----------|-------------|----------|
| DADS2020 | 1517 | | | <p>Each DADS shall have the capability to receive data availability schedules at a minimum, from:</p> <ol style="list-style-type: none"> a. b. IPs c. ADCs d. ODCs e. Other DADS f. TRMM (SDPF) (Deleted) | | | | | | | | | | | | |
| DADS2040 | 784 | | | <p>Each DADS shall insure that data sent by EDOS and SDPF has been received and validated.</p> | | | | | | | | | | | | |
| DADS2070 | 786 | | | <p>Each DADS shall interact with EDOS, SDPF, and SMC to resolve schedule conflicts.</p> | | | | | | | | | | | | |
| DADS3125 | 1393 | | | <p>Each DADS shall make archive data, associated with a pre-defined ECS standard format, that is requested for communications network delivery, available to the network in that ECS standard format within an average of 2 minutes after the receipt of a request for that data.</p> <p><u>Each DADS shall make archive data, stored in a predefined ECS standard format, that has been requested for delivery via communications network, available to the network in the same format in less than 5 minutes after the receipt of a request for that data under conditions stated below. This requirement applies to all data (TRMM, AM, LS-7, etc.) archived by ECS at all DAACs.</u></p> <p><u>Conditions for DADS3125:</u></p> <ol style="list-style-type: none"> 1) <u>Normal operating load consisting of ingest, archive, query, inter-DAAC data transfer, distribution to PGS, and media distribution operations taking place in parallel at nominal rates.</u> 2) <u>The maximum number of data requests in the tape (near-line) archive distribution queue to be satisfied simultaneously at each DAAC is given below, where each request represents one file of 100MB or less, each of which is located on a separate tape.</u> <table style="margin-left: 20px;"> <thead> <tr> <th><u>DAAC</u></th> <th><u>Number of requests in Queue</u></th> </tr> </thead> <tbody> <tr> <td><u>GSFC</u></td> <td><u>6</u></td> </tr> <tr> <td><u>EDC</u></td> <td><u>5</u></td> </tr> <tr> <td><u>LaRC</u></td> <td><u>6</u></td> </tr> <tr> <td><u>JPL</u></td> <td><u>4</u></td> </tr> <tr> <td><u>NSID</u></td> <td><u>4</u></td> </tr> </tbody> </table> 3) <u>The total daily distribution volume at each DAAC, as stated in DADS3100 and DADS3110, must also be achieved.</u> | <u>DAAC</u> | <u>Number of requests in Queue</u> | <u>GSFC</u> | <u>6</u> | <u>EDC</u> | <u>5</u> | <u>LaRC</u> | <u>6</u> | <u>JPL</u> | <u>4</u> | <u>NSID</u> | <u>4</u> |
| <u>DAAC</u> | <u>Number of requests in Queue</u> | | | | | | | | | | | | | | | |
| <u>GSFC</u> | <u>6</u> | | | | | | | | | | | | | | | |
| <u>EDC</u> | <u>5</u> | | | | | | | | | | | | | | | |
| <u>LaRC</u> | <u>6</u> | | | | | | | | | | | | | | | |
| <u>JPL</u> | <u>4</u> | | | | | | | | | | | | | | | |
| <u>NSID</u> | <u>4</u> | | | | | | | | | | | | | | | |

| DADS3126 | 842 | | <p>Each DADS shall make archive data, associated with a pre-defined ECS standard format, that is requested for communications network delivery available to the network in a different ECS standard format within an average of 5 minutes after the request for that data.</p> <p>The DADS shall be capable of retrieving and making a limited amount (as stated below) of data available to the communications network for electronic delivery in less than 60 seconds after the receipt of a data request for such data sets or granules under the following conditions:</p> <p>1) The operator will predetermine the type of data sets or granules for such delivery, and the respective time periods during which these data sets or granules will be available for rapid retrieval (kept on-line).</p> <p>2) The total volume of such predetermined data, and the number of data requests to be satisfied in parallel at each DAAC are as follows:</p> <table border="1" data-bbox="594 477 1140 662"> <thead> <tr> <th>DAAC</th> <th>Total Volume (GB)</th> <th># of Requests*</th> </tr> </thead> <tbody> <tr> <td>GSFC</td> <td>20</td> <td>3</td> </tr> <tr> <td>EDC</td> <td>15</td> <td>3</td> </tr> <tr> <td>LaRC</td> <td>25</td> <td>3</td> </tr> <tr> <td>JPL</td> <td>15</td> <td>3</td> </tr> <tr> <td>NSIDC</td> <td>5</td> <td>3</td> </tr> </tbody> </table> <p>3) The operator will have the capability to reconfigure the on-line storage in order to increase or decrease the total volume at each DAAC stated in condition (2) above.</p> <p>*Each data request represents one file of 100 MB or less.</p> | DAAC | Total Volume (GB) | # of Requests* | GSFC | 20 | 3 | EDC | 15 | 3 | LaRC | 25 | 3 | JPL | 15 | 3 | NSIDC | 5 | 3 |
|----------|-------------------|----------------|--|------|-------------------|----------------|------|----|---|-----|----|---|------|----|---|-----|----|---|-------|---|---|
| DAAC | Total Volume (GB) | # of Requests* | | | | | | | | | | | | | | | | | | | |
| GSFC | 20 | 3 | | | | | | | | | | | | | | | | | | | |
| EDC | 15 | 3 | | | | | | | | | | | | | | | | | | | |
| LaRC | 25 | 3 | | | | | | | | | | | | | | | | | | | |
| JPL | 15 | 3 | | | | | | | | | | | | | | | | | | | |
| NSIDC | 5 | 3 | | | | | | | | | | | | | | | | | | | |

**Table 2 - Modify RBR#B Text
CCR 97-1133B
Data Reflects RTM Baseline of 6/23/97**

| RBR_id | req_key | Rel | Req_Category | segment | req_type | s_verif_method | s_verif_stat | a_verif_method | a_verif_stat | CCR | text | interpretation text | | | | | | | | | | | | |
|------------|-----------------------------|----------|---------------------|---------|-------------|----------------|--------------|----------------|--------------|----------|---|---------------------|-----------------------------|------|---|-----|---|------|---|-----|---|------|---|--|
| DADS3125#B | 3645 | B0 B1 | mission fulfillment | SDPS | performance | demo | un-verified | demo | un-verified | 97-0942A | <p>Each DADS shall make archive data, associated with a pre-defined ECS standard format, that is requested for communications network delivery, available to the network in that ECS standard format within an average of 2 minutes after the receipt of a request for that data.</p> <p>Each DADS shall make archive data, stored in a predefined ECS standard format, that has been requested for delivery via communications network, available to the network in the same format in less than 5 minutes after the receipt of a request for that data under conditions stated below. This requirement applies to all data (TRMM, AM, LS-7, etc.) archived by ECS at all DAACs.</p> <p><u>Conditions for DADS3125:</u></p> <p>1) <u>Normal operating load consisting of ingest, archive, query, inter-DAAC data transfer, distribution to PGS, and media distribution operations taking place in parallel at nominal rates.</u></p> <p>2) <u>The maximum number of data requests in the tape (near-line) archive distribution queue to be satisfied simultaneously at each DAAC is given below, where each request represents one file of 100MB or less, each of which is located on a separate tape.</u></p> <table border="1"> <thead> <tr> <th>DAAC</th> <th>Number of requests in Queue</th> </tr> </thead> <tbody> <tr> <td>GSFC</td> <td>6</td> </tr> <tr> <td>EDC</td> <td>5</td> </tr> <tr> <td>LaRC</td> <td>6</td> </tr> <tr> <td>JPL</td> <td>4</td> </tr> <tr> <td>NSID</td> <td>4</td> </tr> </tbody> </table> | DAAC | Number of requests in Queue | GSFC | 6 | EDC | 5 | LaRC | 6 | JPL | 4 | NSID | 4 | <p><u>Support for the JPL DAAC and the priority queuing of Electronic Distribution Requests are not provided until B1.</u></p> |
| DAAC | Number of requests in Queue | | | | | | | | | | | | | | | | | | | | | | | |
| GSFC | 6 | | | | | | | | | | | | | | | | | | | | | | | |
| EDC | 5 | | | | | | | | | | | | | | | | | | | | | | | |
| LaRC | 6 | | | | | | | | | | | | | | | | | | | | | | | |
| JPL | 4 | | | | | | | | | | | | | | | | | | | | | | | |
| NSID | 4 | | | | | | | | | | | | | | | | | | | | | | | |

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|------------|-------------------|----------------|---------------------|---------|-------------|----------------|--------------|----------------|--------------|----------|--|---------------------|-------------------|----------------|------|----|---|-----|----|---|------|----|---|-----|----|---|-------|---|---|--|
| | | | | | | | | | | | <p><u>3) The total daily distribution volume at each DAAC, as stated in DADS3100 and DADS3110, must also be achieved.</u></p> | | | | | | | | | | | | | | | | | | | |
| DADS3126#B | 7443 | B0 B1 | mission fulfillment | SDPS | performance | demo | un-verified | demo | un-verified | 97-0942A | <p>Each DADS shall make archive data, associated with a pre-defined ECS standard format, that is requested for communications network delivery available to the network in a different ECS standard format within an average of 5 minutes after the request for that data.</p> <p>The DADS shall be capable of retrieving and making a limited amount (as stated below) of data available to the communications network for electronic delivery in less than 60 seconds after the receipt of a data request for such data sets or granules under the following conditions:</p> <p>1) The operator will predetermine the type of data sets or granules for such delivery, and the respective time periods during which these data sets or granules will be available for rapid retrieval (kept on-line).</p> <p>2) The total volume of such predetermined data, and the number of data requests to be satisfied in parallel at each DAAC are as follows:</p> <table border="1"> <thead> <tr> <th>DAAC</th> <th>Total Volume (GB)</th> <th># of Requests*</th> </tr> </thead> <tbody> <tr> <td>GSFC</td> <td>20</td> <td>3</td> </tr> <tr> <td>EDC</td> <td>15</td> <td>3</td> </tr> <tr> <td>LaRC</td> <td>25</td> <td>3</td> </tr> <tr> <td>JPL</td> <td>15</td> <td>3</td> </tr> <tr> <td>NSIDC</td> <td>5</td> <td>3</td> </tr> </tbody> </table> <p>3) The operator will have the capability to reconfigure the on-line storage in order to</p> | DAAC | Total Volume (GB) | # of Requests* | GSFC | 20 | 3 | EDC | 15 | 3 | LaRC | 25 | 3 | JPL | 15 | 3 | NSIDC | 5 | 3 | |
| DAAC | Total Volume (GB) | # of Requests* | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GSFC | 20 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EDC | 15 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LaRC | 25 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JPL | 15 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSIDC | 5 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**Table 2 - Modify RBR#B Text
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| RBR_id | req_key | Rel | Req_Category | segment | req_type | s_verif_method | s_verif_stat | a_verif_method | a_verif_stat | CCR | text | interpretation text |
|------------|---------|----------|-------------------|---------|------------|----------------|--------------|----------------|--------------|----------|---|--|
| | | | | | | | | | | | <p><u>increase or decrease the total volume at each DAAC stated in condition (2) above.</u></p> <p><u>*Each data request represents one file of 100 MB or less.</u></p> | |
| DADS2020#B | 9166 | B1 | mission essential | SDPS | functional | demo | un-verified | demo | un-verified | 97-0942A | <p>Each DADS shall have the capability to receive data availability schedules at a minimum, from:</p> <p>a. (DELETED)</p> <p>b. IPs</p> <p>c. ADCs</p> <p>d. ODCs</p> <p>e. Other DADS</p> <p>f. TRMM (SDPF) (Deleted)</p> | This capability does not apply to the ADCs or ODCs. |
| DADS2040#B | 9083 | B0 | mission critical | SDPS | functional | demo | un-verified | demo | un-verified | 97-0919A | Each DADS shall insure that data sent by EDOS and SDPF has been received and validated. | |
| DADS2070#B | 3592 | B0 B1 | mission critical | SDPS | functional | demo | un-verified | demo | un-verified | 97-0919A | Each DADS shall interact with EDOS, SDPF , and SMC to resolve schedule conflicts. | The EDOS interface is procedural. Availability of EDOS data is derived from FOS schedules. The capability to store and retrieve production plans is implemented in B0. |

**Table 3 - Delete L4 DSS Requirements
CCR 97-1133B
Data Reflects RTM Baseline of 6/23/97**

| L4 id | req_key | rel | req_type | req_status | ver_method | ver_status | CCR | text |
|-------------|---------|-----|-------------|------------|------------|------------|----------|---|
| S-DSS-30850 | -4021 | B1 | performance | approved | demo | unverified | 97-0265A | The DDIST-CI shall support making archive data associated with a predefined ECS standard format available to the network in that format within an avg. of 2 minutes. |
| S-DSS-30860 | -4022 | B1 | performance | approved | demo | unverified | 97-0265A | The DDIST-CI shall support making archive data associated with a predefined ECS format available to the network in a different format within an average of 5 minutes. |

Table 4 - Modify L4 DSS Requirements
CCR 97-1133B
Data Reflects RTM Baseline of 6/23/97

| L4 id | req_key | rel | req_type | req_status | ver_method | ver_status | CCR | text |
|--------------|----------------|------------|-----------------|-------------------|-------------------|-------------------|------------|---|
| S-DSS-01890 | 3990 | B0 B1 | performance | approved | demo | unverified | 97-0869A | The SDSRV CI shall be capable of retrieving and making a limited amount of data available to the communications network for electronic delivery in less than 60 seconds based on conditions 1, 2 and 3 of the F&PRS DADS3126 requirement. |

**Table 5 - Delete L4 DSS Links to RBR#B
CCR 97-1133B
Data Reflects RTM Baseline of 6/23/97**

| RBR ID | L4 id |
|---------------|--------------|
| DADS3126#B | S-DSS-01880 |
| DADS3125#B | S-DSS-30950 |
| DADS3126#B | S-DSS-30950 |