

Selected Ingest L4s and Rel A component mappings in RTM BASELINE122195

CCR 96-0024 to update Ingest requirements as indicated in action item AC-95-0724
file attach1.doc

changes since first submittal:

- 1) capitalized ADEOS in S-INS-00840
- 2) changed DAO to NMC in Release B's new S-INS- 01137 and -01140
- 3) deleted S-INS-60715 and S-INS-60716 instead of just editing them
- 4) changed deletion of S-INS-60725 link to IRD RbR link from EDOS-4.2.2.1#B to EDOS-B.2.1#B

Table 1 - Reference table for changes to Ingest L4s and their component mappings

| L4 ID | RT M Key | Rel | L4 Text | Clarification | Req Type | Object, CSC, CI, subsystem | Component Type | Text |
|-------------|----------|-----|---|---------------|-------------|----------------------------|----------------|------|
| S-INS-00787 | 8961 | B | The INGST CI shall ingest Data, provided by the Landsat 7 International International Ground Systems Stations (IGSs), from <u>into</u> the EDC DAAC on <u>TBD-media 8 mm cartridge tape</u> . from the following IGSs: a. TBD | | interface | | | |
| S-INS-00840 | 8963 | B | The INGEST CI shall ingest data provided by Adeos <u>ADEOS II/SeaWinds into the JPL DAAC</u> . | | interface | | | |
| S-INS-00842 | 8964 | B | The INGST CI shall ingest Data, provided by RADARSAT, into the ASF DAAC by TBD means. | | interface | | | |
| S-INS-00844 | 8965 | B | The INGST CI shall ingest Data, provided by RADAR-ALT, into the JPL DAAC by TBD means. | | interface | | | |
| S-INS-00846 | 8966 | B | The INGST CI shall ingest Data, provided by ERS-1 and ERS-2, into the ASF DAAC by TBD means. | | interface | | | |
| S-INS-00848 | 8967 | B | The INGST CI shall ingest Data, provided by JERS-1, into the ASF DAAC by TBD means. | | interface | | | |
| S-INS-00850 | 8968 | B | The INGST CI shall ingest Data, provided by SAGE III, into the LaRC DAAC by TBD means. | | interface | | | |
| S-INS-00852 | 8969 | B | The INGST CI shall ingest Data, provided by ACRIM, into the TBD <u>LaRC</u> DAAC by TBD means. | | interface | | | |
| S-INS-00990 | 9201 | A | The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from the <u>SPDF SDPF</u> at the nominal daily rate specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A, and Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B. | | performance | | | |
| S-INS-01000 | 9202 | A | The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from the <u>SPDF SDPF</u> at a maximum daily rate that is three times the nominal rate specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A, and Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B. | | performance | | | |

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|-------------|------|---|--|--|--------------------|-------|----|--|
| S-INS-01030 | 9203 | A | The ICLHW CI at the LaRC DAAC shall be capable of ingesting data, by network data transfer from the NESDIS, at the nominal daily rate specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A, and Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B. | | performance | | | |
| S-INS-01035 | | B | <u>The ICLHW CI at the LaRC DAAC shall be capable of ingesting data, by network data transfer from the NESDIS, at the nominal daily rate specified in Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B.</u> | | <u>performance</u> | | | |
| S-INS-01050 | 9204 | A | The ICLHW CI at the MSFC DAAC shall be capable of ingesting data from the SPDF SDPF at the nominal daily rate specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A, and Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B. | | performance | | | |
| S-INS-01060 | 9205 | A | The ICLHW CI at the MSFC DAAC shall be capable of ingesting data from the SPDF SDPF at a maximum daily rate that is three times the nominal rate specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A, and Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B. | | performance | | | |
| S-INS-01070 | 9206 | A | The ICLHW CI at the MSFC DAAC shall be capable of ingesting data from the TSDIS at the nominal daily rate specified in Table E-3 of Appendix E of the current version of 304-CD-002. | | performance | ICLHW | CI | Ingest Client Hardware Configuration Item (CI) |
| S-INS-01080 | 9207 | A | The ICLHW CI at the MSFC DAAC shall be capable of ingesting data from the TSDIS at a maximum daily rate that is three times the nominal rate specified in Table E-3 of Appendix E of the current version of 304-CD-002. | | performance | ICLHW | CI | Ingest Client Hardware Configuration Item (CI) |
| S-INS-01136 | 9210 | A | The ICLHW CI at the GSFC DAAC shall be capable of ingesting data from the DAO at the nominal daily rate specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A, and Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B. | | performance | | | |
| S-INS-01137 | | B | <u>The ICLHW CI at the GSFC DAAC shall be capable of ingesting data from the NMC at the nominal daily rate specified in Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B.</u> | | <u>performance</u> | | | |
| S-INS-01138 | 9211 | A | The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from the DAO at the nominal daily rate specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A, and Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B. | | performance | | | |

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|-------------|------|---|--|--|-------------|-------|----|--|
| S-INS-01140 | | B | The ICLHW CI at the LaRC DAAC shall be capable of <u>ingesting data from the NMC at the nominal daily rate specified in Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B.</u> | | performance | | | |
| S-INS-01142 | 9212 | A | The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from NESDIS at the nominal daily rate specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A. and Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B. | | performance | ICLHW | CI | Ingest Client Hardware Configuration Item (CI) |
| S-INS-60210 | 4173 | A | The ICLHW <u>INGST</u> CI shall support TBD a <u>maximum of 300</u> transactions per day, as specified for each release and corresponding DAAC sites in Table E-3e of the current version of 304-CD-002 for Release A. | | performance | | | |
| S-INS-60710 | 4195 | A | The ICLHW CI shall contain the storage and interface resources to support the ingest functions for the TRMM mission instruments of CERES and LIS. | | performance | ICLHW | CI | Ingest Client Hardware Configuration Item (CI) |
| S-INS-60711 | 8989 | B | The ICLHW CI shall contain the storage and interface resources to support the ingest functions for the SDPF interface at GSFC. | | functional | | | |
| S-INS-60712 | 8990 | B | The ICLHW CI shall contain the storage and interface resources to support the ingest functions for the SDPF interface at MSFC. | | functional | | | |
| S-INS-60715 | 8991 | B | The ICLHW CI shall contain the storage and interface resources to support the ingest functions for the AM-1 mission at GSFC. | | functional | | | |
| S-INS-60716 | 8992 | B | The ICLHW CI shall contain the storage and interface resources to support the ingest functions for the AM-1 mission at LaRC. | | functional | | | |
| S-INS-60720 | 4196 | A | The ICLHW CI at the GSFC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface to support the TRMM mission. | | performance | ICLHW | CI | Ingest Client Hardware Configuration Item (CI) |
| S-INS-60721 | 8993 | B | The ICLHW CI at the GSFC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with EDOS. | | functional | | | |
| S-INS-60725 | 4198 | A | The ICLHW CI at the LaRC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface to support the TRMM mission. | | performance | ICLHW | CI | Ingest Client Hardware Configuration Item (CI) |
| S-INS-60726 | 8994 | B | The ICLHW CI at the LaRC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with EDOS. | | functional | | | |
| S-INS-60727 | 8995 | B | The ICLHW CI at the LaRC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with SAGE III. | | performance | | | |

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|-------------|------|---|--|--|-------------|-------|----|--|
| S-INS-60728 | 8996 | B | The ICLHW CI at the LaRC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with ACRIM. | | performance | | | |
| S-INS-60730 | 4200 | A | The ICLHW CI at the MSFC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface. | | performance | ICLHW | CI | Ingest Client Hardware Configuration Item (CI) |
| S-INS-60733 | 8997 | B | The ICLHW CI at the EDC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with <u>contain the storage and interface resources to support the ingest functions for the Landsat 7 Processing System interface at EDC.</u> | | performance | | | |
| S-INS-60735 | 4201 | A | The ICLHW CI at the GSFC DAAC shall be sized to store and maintain TBD bytes of data for a 1-year period of time. | | performance | ICLHW | CI | Ingest Client Hardware Configuration Item (CI) |
| S-INS-60736 | 8998 | B | The ICLHW CI at the GSFC DAAC shall be sized to store and maintain the volume of EDOS data for a 1-year period of time as specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance | | | |
| S-INS-60740 | 4202 | A | The ICLHW CI at the LaRC DAAC shall be sized to store and maintain TBD bytes of <u>the volume of SDPF data for a 1 year period of time as specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A.</u> | | performance | | | |
| S-INS-60741 | 8999 | B | The ICLHW CI at the LaRC DAAC shall be sized to store and maintain the volume of EDOS data for a 1-year period of time as specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance | | | |
| S-INS-60745 | 4203 | A | The ICLHW CI at the MSFC DAAC shall be sized to store and maintain TBD bytes of <u>the volume of SDPF data for a 1 year period of time as specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A.</u> | | performance | | | |
| S-INS-60746 | | B | <u>The ICLHW CI at the JPL DAAC shall be sized to store and maintain the volume of ADEOS II data for a 1-year period of time as specified in Appendix E (Section E.1, Table E-1, Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005.</u> | | performance | | | |
| S-INS-60748 | | B | <u>The ICLHW CI at the JPL DAAC shall be sized to store and maintain the volume of ALT-RADAR data for a 1-year period of time as specified in Appendix E (Section E.1, Table E-1, Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005.</u> | | performance | | | |

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|-------------|------|---|--|--|-------------|--|--|--|
| S-INS-60750 | 4204 | A | The ICLHW CI at the GSFC DAAC shall be sized to temporarily store TBD bytes of ingest data to support <u>early testing of the EDOS interface, the TRMM mission.</u> | | performance | | | |
| S-INS-60751 | 9000 | B | The ICLHW CI at the GSFC DAAC shall be sized to temporarily store the volume of EDOS data as specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | functional | | | |
| S-INS-60753 | 9001 | B | The ICLHW CI at the GSFC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface to support the EOS AM-1 mission. | | performance | | | |
| S-INS-60755 | 4206 | A | The ICLHW CI at the LaRC DAAC shall be sized to temporarily store <u>two times the daily volume of SDPF data</u> TBD bytes of ingest data to support the TRMM mission, as specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A. | | performance | | | |
| S-INS-60756 | 9002 | B | The ICLHW CI at the LaRC DAAC shall be sized to temporarily store the volume of EDOS data as specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance | | | |
| S-INS-60760 | 4208 | A | The ICLHW CI at the MSFC DAAC shall be sized to temporarily store <u>two times the daily volume of SDPF data</u> TBD bytes of ingest data as specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A. | | performance | | | |
| S-INS-60770 | 9003 | B | The ICLHW CI at the EDC DAAC shall be sized to temporarily store the volume of Landsat 7 data as specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance | | | |
| S-INS-60771 | | B | The ICLHW CI at the JPL DAAC shall be sized to temporarily store the volume of ALT-RADAR data as specified in Appendix E (Section E.1, Table E-1, Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance | | | |
| S-INS-60772 | | B | The ICLHW CI at the JPL DAAC shall be sized to temporarily store the volume of ADEOS II data as specified in Appendix E (Section E.1, Table E-1, Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance | | | |
| S-INS-60775 | 9004 | B | The ICLHW CI at the ASF DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with the ASF RGS. | | performance | | | |

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|-------------|------|---|---|--|-------------|--|--|--|
| S-INS-60776 | 9005 | B | The ICLHW CI at the ASF DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with the ASF SPS. | | performance | | | |
| S-INS-60777 | 9006 | B | The ICLHW CI at the ASF DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with RADARSAT. | | performance | | | |
| S-INS-60778 | 9007 | B | The ICLHW CI at the JPL DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with RADAR-ALT. | | performance | | | |
| S-INS-60779 | 9008 | B | The ICLHW CI at the ASF DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with ERS-1. | | performance | | | |
| S-INS-60780 | 9009 | B | The ICLHW CI at the ASF DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with ERS-2. | | performance | | | |
| S-INS-60781 | 9010 | B | The ICLHW CI at the ASF DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with JERS-1. | | performance | | | |
| S-INS-61000 | 9011 | B | The ICLHW CI at the GSFC DAAC shall be capable of ingesting data from the EDOS at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance | | | |
| S-INS-61010 | 9012 | B | The ICLHW CI at the GSFC DAAC shall be capable of ingesting data from the EDOS at a maximum daily rate that is three times the nominal rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance | | | |
| S-INS-61020 | 9013 | B | The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from the EDOS at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance | | | |
| S-INS-61025 | 9014 | B | The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from the EDOS at a maximum daily rate that is three times the nominal rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance | | | |
| S-INS-61030 | 9015 | B | The ICLHW CI at the EDC DAAC shall be capable of ingesting data from the Landsat 7 Processing System (LPS) at the nominal rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance | | | |

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|-------------|------|---|---|--|-------------|--|--|--|
| S-INS-61040 | 9016 | B | The ICLHW CI at the EDC DAAC shall be capable of ingesting data from the Landsat 7 IAS at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance | | | |
| S-INS-61050 | 9017 | B | The ICLHW CI at the EDC DAAC shall be capable of ingesting data from the Landsat 7 IGSs at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance | | | |
| S-INS-61080 | 9018 | B | The ICLHW CI at the GSFC DAAC shall be capable of ingesting data from the NMC at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance | | | |
| S-INS-61100 | 9019 | B | The ICLHW CI at the ASF DAAC shall be capable of ingesting data from RADARSAT at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2) of the current version of 304-CD-005. | | performance | | | |
| S-INS-61110 | 9020 | B | The ICLHW CI at the ASF JPL DAAC shall be capable of ingesting data from RADAR-ALT at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance | | | |
| S-INS-61115 | | B | The ICLHW CI at the JPL DAAC shall be capable of ingesting data from ADEOS II at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance | | | |
| S-INS-61120 | 9021 | B | The ICLHW CI at the ASF DAAC shall be capable of ingesting data from ERS-1 and ERS-2 at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2) of the current version of 304-CD-005. | | performance | | | |
| S-INS-61130 | 9022 | B | The ICLHW CI at the ASF DAAC shall be capable of ingesting data from JERS-1 at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2) of the current version of 304-CD-005. | | performance | | | |
| S-INS-61140 | 9023 | B | The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from SAGE III at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance | | | |

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|-------------|------|---|--|--|-------------|--|--|--|
| S-INS-61150 | 9024 | B | The ICLHW CI at the ASF DAAC shall be capable of ingesting data from the ASF RGS at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance | | | |
| S-INS-61160 | 9025 | B | The ICLHW CI at the ASF DAAC shall be capable of ingesting data from the ASF SPS at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance | | | |
| S-INS-61170 | 9026 | B | The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from ACRIM at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance | | | |

Table 2 - Changes to LEVEL_4 class

| L4 ID | RT M Key | Rel | L4 Text | Clarification | Req Type |
|-------------|----------|-----|--|---------------|--------------------|
| S-INS-00787 | 8961 | B | The INGST CI shall ingest Data, provided by the Landsat 7 International International Ground Systems Stations (IGSs), from <u>into</u> the EDC DAAC on TBD-media 8 mm cartridge tape. from the following IGSs: a. TBD | | interface |
| S-INS-00840 | 8963 | B | The INGEST CI shall ingest data provided by Adeos ADEOS II/SeaWinds <u>into the JPL DAAC.</u> | | interface |
| S-INS-00842 | 8964 | B | The INGST CI shall ingest Data, provided by RADARSAT, into the ASF DAAC by TBD means. | | interface |
| S-INS-00844 | 8965 | B | The INGST CI shall ingest Data, provided by RADAR-ALT, into the JPL DAAC by TBD means. | | interface |
| S-INS-00846 | 8966 | B | The INGST CI shall ingest Data, provided by ERS-1 and ERS-2, into the ASF DAAC by TBD means. | | interface |
| S-INS-00848 | 8967 | B | The INGST CI shall ingest Data, provided by JERS-1, into the ASF DAAC by TBD means. | | interface |
| S-INS-00850 | 8968 | B | The INGST CI shall ingest Data, provided by SAGE III, into the LaRC DAAC by TBD means. | | interface |
| S-INS-00852 | 8969 | B | The INGST CI shall ingest Data, provided by ACRIM, into the TBD LaRC DAAC by TBD means. | | interface |
| S-INS-00990 | 9201 | A | The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from the SPDF SDPF at the nominal daily rate specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A, and Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B. | | performance |
| S-INS-01000 | 9202 | A | The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from the SPDF SDPF at a maximum daily rate that is three times the nominal rate specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A, and Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B. | | performance |
| S-INS-01030 | 9203 | A | The ICLHW CI at the LaRC DAAC shall be capable of ingesting data, by network data transfer from the NESDIS, at the nominal daily rate specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A, and Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B. | | performance |
| S-INS-01035 | | B | <u>The ICLHW CI at the LaRC DAAC shall be capable of ingesting data, by network data transfer from the NESDIS, at the nominal daily rate specified in Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B.</u> | | <u>performance</u> |

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|--------------------|------|----------|--|--|--------------------|
| S-INS-01050 | 9204 | A | The ICLHW CI at the MSFC DAAC shall be capable of ingesting data from the SPDF SDPF at the nominal daily rate specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A, and Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B. | | performance |
| S-INS-01060 | 9205 | A | The ICLHW CI at the MSFC DAAC shall be capable of ingesting data from the SPDF SDPF at a maximum daily rate that is three times the nominal rate specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A, and Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B. | | performance |
| S-INS-01070 | 9206 | A | The ICLHW CI at the MSFC DAAC shall be capable of ingesting data from the TSDIS at the nominal daily rate specified in Table E-3 of Appendix E of the current version of 304-CD-002. | | performance |
| S-INS-01080 | 9207 | A | The ICLHW CI at the MSFC DAAC shall be capable of ingesting data from the TSDIS at a maximum daily rate that is three times the nominal rate specified in Table E-3 of Appendix E of the current version of 304-CD-002. | | performance |
| S-INS-01136 | 9210 | A | The ICLHW CI at the GSFC DAAC shall be capable of ingesting data from the DAO at the nominal daily rate specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A, and Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B. | | performance |
| <u>S-INS-01137</u> | | <u>B</u> | <u>The ICLHW CI at the GSFC DAAC shall be capable of ingesting data from the NMC at the nominal daily rate specified in Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B.</u> | | <u>performance</u> |
| S-INS-01138 | 9211 | A | The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from the DAO at the nominal daily rate specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A, and Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B. | | performance |
| S-INS-01140 | | <u>B</u> | <u>The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from the NMC at the nominal daily rate specified in Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B.</u> | | <u>performance</u> |
| S-INS-01142 | 9212 | A | The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from NESDIS at the nominal daily rate specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A, and Tables E-3a and E-3b of Appendix E of the current version of 304-CD-005 for Release B. | | performance |

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| S-INS-60210 | 4173 | A | The ICLHW <u>INGST</u> CI shall support TBD a maximum of 300 transactions per day, as specified for each release and corresponding DAAC sites in <u>Table E-3e of the current version of 304-CD-002 for Release A.</u> | performance |
| S-INS-60710 | 4195 | A | The ICLHW CI shall contain the storage and interface resources to support the ingest functions for the TRMM mission instruments of CERES and LIS. | performance |
| S-INS-60711 | 8989 | B | The ICLHW CI shall contain the storage and interface resources to support the ingest functions for the SDPF interface at GSFC. | functional |
| S-INS-60712 | 8990 | B | The ICLHW CI shall contain the storage and interface resources to support the ingest functions for the SDPF interface at MSFC. | functional |
| S-INS-60715 | 8991 | B | The ICLHW CI shall contain the storage and interface resources to support the ingest functions for the AM-1 mission at GSFC. | functional |
| S-INS-60716 | 8992 | B | The ICLHW CI shall contain the storage and interface resources to support the ingest functions for the AM-1 mission at LaRC. | functional |
| S-INS-60720 | 4196 | A | The ICLHW CI at the GSFC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface to support the TRMM mission. | performance |
| S-INS-60721 | 8993 | B | The ICLHW CI at the GSFC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with EDOS. | functional |
| S-INS-60725 | 4198 | A | The ICLHW CI at the LaRC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface to support the TRMM mission. | performance |
| S-INS-60726 | 8994 | B | The ICLHW CI at the LaRC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with EDOS. | functional |
| S-INS-60727 | 8995 | B | The ICLHW CI at the LaRC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with SAGE III. | performance |
| S-INS-60728 | 8996 | B | The ICLHW CI at the LaRC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with ACRIM. | performance |
| S-INS-60730 | 4200 | A | The ICLHW CI at the MSFC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface. | performance |
| S-INS-60733 | 8997 | B | The ICLHW CI at the EDC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with <u>contain the storage and interface resources to support the ingest functions for the Landsat 7 Processing System interface at EDC.</u> | performance |

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| S-INS-60735 | 4201 | A | The ICLHW CI at the GSFC DAAC shall be sized to store and maintain TBD bytes of data for a 1 year period of time. | | performance |
| S-INS-60736 | 8998 | B | The ICLHW CI at the GSFC DAAC shall be sized to store and maintain the volume of EDOS data for a 1-year period of time as specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance |
| S-INS-60740 | 4202 | A | The ICLHW CI at the LaRC DAAC shall be sized to store and maintain TBD bytes of the volume of SDPF data for a 1 year period of time as specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A. | | performance |
| S-INS-60741 | 8999 | B | The ICLHW CI at the LaRC DAAC shall be sized to store and maintain the volume of EDOS data for a 1-year period of time as specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance |
| S-INS-60745 | 4203 | A | The ICLHW CI at the MSFC DAAC shall be sized to store and maintain TBD bytes of the volume of SDPF data for a 1 year period of time as specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A. | | performance |
| S-INS-60746 | | B | The ICLHW CI at the JPL DAAC shall be sized to store and maintain the volume of ADEOS II data for a 1-year period of time as specified in Appendix E (Section E.1, Table E-1, Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance |
| S-INS-60748 | | B | The ICLHW CI at the JPL DAAC shall be sized to store and maintain the volume of ALT-RADAR data for a 1-year period of time as specified in Appendix E (Section E.1, Table E-1, Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance |
| S-INS-60750 | 4204 | A | The ICLHW CI at the GSFC DAAC shall be sized to temporarily store TBD bytes of ingest data to support early testing of the EDOS interface, the TRMM mission. | | performance |
| S-INS-60751 | 9000 | B | The ICLHW CI at the GSFC DAAC shall be sized to temporarily store the volume of EDOS data as specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | functional |
| S-INS-60753 | 9001 | B | The ICLHW CI at the GSFC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface to support the EOS AM-1 mission. | | performance |

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| S-INS-60755 | 4206 | A | The ICLHW CI at the LaRC DAAC shall be sized to temporarily store <u>two times the daily volume of SDPF data TBD bytes of ingest data to support the TRMM mission. as specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A.</u> | | performance |
| S-INS-60756 | 9002 | B | The ICLHW CI at the LaRC DAAC shall be sized to temporarily store the volume of EDOS data as specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance |
| S-INS-60760 | 4208 | A | The ICLHW CI at the MSFC DAAC shall be sized to temporarily store <u>two times the daily volume of SDPF data TBD bytes of ingest data as specified in Table E-3 of Appendix E of the current version of 304-CD-002 for Release A.</u> | | performance |
| S-INS-60770 | 9003 | B | The ICLHW CI at the EDC DAAC shall be sized to temporarily store the volume of Landsat 7 data as specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance |
| S-INS-60771 | | B | The ICLHW CI at the JPL DAAC shall be sized to <u>temporarily store the volume of ALT-RADAR data as specified in Appendix E (Section E.1, Table E-1, Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005.</u> | | performance |
| S-INS-60772 | | B | The ICLHW CI at the JPL DAAC shall be sized to <u>temporarily store the volume of ADEOS II data as specified in Appendix E (Section E.1, Table E-1, Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005.</u> | | performance |
| S-INS-60775 | 9004 | B | The ICLHW CI at the ASF DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with the ASF RGS. | | performance |
| S-INS-60776 | 9005 | B | The ICLHW CI at the ASF DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with the ASF SPS. | | performance |
| S-INS-60777 | 9006 | B | The ICLHW CI at the ASF DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with RADARSAT. | | performance |
| S-INS-60778 | 9007 | B | The ICLHW CI at the JPL DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with RADAR-ALT. | | performance |
| S-INS-60779 | 9008 | B | The ICLHW CI at the ASF DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with ERS-1. | | performance |

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| S-INS-60780 | 9009 | B | The ICLHW CI at the ASF DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with <u>ERS-2</u> . | | performance |
| S-INS-60781 | 9010 | B | The ICLHW CI at the ASF DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with <u>JERS-1</u> . | | performance |
| S-INS-61000 | 9011 | B | The ICLHW CI at the GSFC DAAC shall be capable of ingesting data from the EDOS at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance |
| S-INS-61010 | 9012 | B | The ICLHW CI at the GSFC DAAC shall be capable of ingesting data from the EDOS at a maximum daily rate that is three times the nominal rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance |
| S-INS-61020 | 9013 | B | The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from the EDOS at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance |
| S-INS-61025 | 9014 | B | The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from the EDOS at a maximum daily rate that is three times the nominal rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance |
| S-INS-61030 | 9015 | B | The ICLHW CI at the EDC DAAC shall be capable of ingesting data from the Landsat 7 Processing System (LPS) at the nominal rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance |
| S-INS-61040 | 9016 | B | The ICLHW CI at the EDC DAAC shall be capable of ingesting data from the Landsat 7 IAS at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance |
| S-INS-61050 | 9017 | B | The ICLHW CI at the EDC DAAC shall be capable of ingesting data from the Landsat 7 IGSSs at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance |

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| S-INS-61080 | 9018 | B | The ICLHW CI at the GSFC DAAC shall be capable of ingesting data from the NMC at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance |
| S-INS-61100 | 9019 | B | The ICLHW CI at the ASF DAAC shall be capable of ingesting data from RADARSAT at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2) of the current version of 304-CD-005. | | performance |
| S-INS-61110 | 9020 | B | The ICLHW CI at the ASF JPL DAAC shall be capable of ingesting data from RADAR-ALT at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance |
| S-INS-61115 | | B | The ICLHW CI at the JPL DAAC shall be capable of ingesting data from ADEOS II at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance |
| S-INS-61120 | 9021 | B | The ICLHW CI at the ASF DAAC shall be capable of ingesting data from ERS-1 and ERS-2 at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2) of the current version of 304-CD-005. | | performance |
| S-INS-61130 | 9022 | B | The ICLHW CI at the ASF DAAC shall be capable of ingesting data from JERS-1 at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2) of the current version of 304-CD-005. | | performance |
| S-INS-61140 | 9023 | B | The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from SAGE III at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance |
| S-INS-61150 | 9024 | B | The ICLHW CI at the ASF DAAC shall be capable of ingesting data from the ASF RGS at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance |
| S-INS-61160 | 9025 | B | The ICLHW CI at the ASF DAAC shall be capable of ingesting data from the ASF SPS at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance |

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| S-INS-61170 | 9026 | B | The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from ACRIM at the nominal daily rate specified in Appendix E (Section E.1, Table E-1, and Section E.2 Table E-2, and Section E.3 Tables E-3a and E-3b) of the current version of 304-CD-005. | | performance |
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Table 3 - links to be deleted between L4s and components

| L4 ID | Object, CSC, CI, subsystem |
|--------------|-----------------------------------|
| S-INS-01070 | ICLHW |
| S-INS-01080 | ICLHW |
| S-INS-01142 | ICLHW |
| S-INS-60710 | ICLHW |
| S-INS-60720 | ICLHW |
| S-INS-60725 | ICLHW |
| S-INS-60730 | ICLHW |
| S-INS-60735 | ICLHW |