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# LASP:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Subsystem & Status** | **Ship Set** | | | | | | | |
| **SS#1** | | **SS#2** | | **SS#3** | | **SS#4** | |
| **DSP** |  | |  | |  | |  | |
| Serial Number | DSPA: SN01 | DSPB: SN03 | DSPA: SN08 | DSPB: SN09 | DSPA: SN05 | DSPB:SN11 | DSPA: SN12 | DSPB: SN13 |
| Final Assembly | complete | complete | complete | complete | complete | complete | complete | complete |
| Bench Testing | complete | complete | complete | complete | complete | complete | In process | In process |
| Thermal Testing | complete | complete | complete | complete | complete | complete |  |  |
| Shipment | complete | complete | 23 May 2012 | 23 May 2012 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **ADP Boom** |  | |  | |  | |  | |
| Serial Number | SN01 | SN02 | SN03 | SN04 | SN05 | SN06 | SN07 | SN08 |
| Final Assembly | complete | complete | complete | complete | complete | complete | complete | complete |
| Engineering Test | complete | complete | complete | complete | complete | complete | complete | complete |
| PER | 05 Apr 2011 | 05 Apr 2011 | 23 Sep 2011 | 23 Sep 2011 | 09 Nov 2011 | 09 Nov 2011 | 30 Nov 2011 | 30 Nov 2011 |
| Vibration Test | complete | complete | complete | complete | complete | complete | complete | complete |
| Thermal Deployment Testing | complete | complete | complete | complete | complete | complete | complete | complete |
| Deployed Performance Testing | complete | complete | complete | complete | complete | complete | complete | complete |
| PSR/EIDP (ATK) | 4/6/2012 | 4/6/2012 | complete | complete | complete | complete | complete | complete |
| Shipment to LASP | 4/11/2012 | 4/11/2012 | 4/11/2012 | 4/11/2012 | 5/9/2012 | 5/9/2012 | 5/9/2012 | 5/9/2012 |
| PSR | 23 May 2012 | 23 May 2012 |  |  |  |  |  |  |
| Bake out and Certif | complete | complete | complete | complete | complete | complete | complete | complete |
| Delivery to GSFC |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **ADP RE** |  | |  | |  | |  |  |
| Serial Number | SN03 | SN04 | SN05 | SN06 | SN01 | SN02 | SN07 | SN08 |
| Final Assembly | complete | complete | complete | complete | in process | in process | in process | in process |
| Initial Functional Test | complete | complete | complete | complete | in process | in process |  |  |
| PER | 23 Jan 2012 | 23 Jan 2012 | 30 Apr 2012 | 30 Apr 2012 |  |  |  |  |
| Vibration Test | complete | complete | complete | complete |  |  |  |  |
| Thermal Vacuum Test | complete | complete | complete | complete |  |  |  |  |
| Calibration with AEB | complete | complete | complete | complete |  |  |  |  |
| PSR/EIDP | 23 May 2012 | 23 May 2012 |  |  |  |  |  |  |
| Delivery to GSFC |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **AEB** |  | |  | |  | |  |  |
| Serial Number | SN01 | | SN02 | | SN03 | | SN04 | |
| Receipt from UNH | complete | | complete | |  | |  | |
| Final Mechanical Assembly | complete | | complete | |  | |  | |
| PER | 31 Jan 2012 | | 30 Apr 2012 | |  | |  | |
| Vibration Test | complete | | complete | |  | |  | |
| Thermal Vacuum Test | complete | | complete | |  | |  | |
| Calibration with RE | complete | | complete | |  | |  | |
| Test Reports | in process | | complete | |  | |  | |
| Delivery to UNH | complete | | complete | |  | |  | |
| **SDP Preamp / Cable Assemblies** |  | |  | |  | |  |  |
| Serial Number | 1, 2, 3, 4 | 5, 6 | 7, 8 | 9/ 10 | 11, 12 | 13, 14 | 15, 16 | 17, 18 |
| Cable received from UNH | complete | complete | complete | complete | complete | complete | complete | complete |
| Cleaning and Bake Out | complete | complete | complete | complete | complete | complete | complete | complete |
| Final Assembly | complete | complete | complete | complete | complete | In process | In process | In process |
| Initial Functional Test | complete | complete | complete | complete | complete |  |  |  |
| EIDP | complete | complete | complete | complete | complete |  |  |  |
| Delivery to UNH | complete | complete | complete | complete | complete |  |  |  |
| **SDP Doors** |  | |  | |  | |  |  |
| Serial Number | 1, 2, 3, 4 | 5, 6 | 7, 8 | 9, 10 | 11, 12 | 13, 14 | 15, 16 | 17, 18[[1]](#footnote-1) |
| Assembly | complete | complete | complete | complete | complete | complete | complete | In process |
| Initial Functional Test | complete | complete | complete | complete | complete | complete | complete |  |
| EIDP | complete | complete | complete | complete | complete | complete | complete |  |
| Delivery to UNH | complete | complete | complete | 23 May 2012 | 23 May 2012 | 23 May 2012 | 23 May 2012 |  |

# UCLA:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Subsystem & Status** | **Ship Set** | | | | | | | |
| **SS#1** | | **SS#2** | | **SS#3** | | **SS#4** | |
| **AFG/DFG Sensors** |  | |  | |  | |  |  |
| Serial Number | AFG: 05 | DFG: 04 | AFG: 06 | DFG: 08 | AFG: 09 | DFG: 07 | AFG: 11 | DFG: 10 |
| Final Assembly | complete | complete | complete | complete | complete | complete | complete | complete |
| Bench Testing | complete | complete | complete | complete | complete | complete | complete | complete |
| PER | 20 Oct 2010 | 20 Oct 2010 | 09 Sep 2011 | 09 Sep 2011 | 09 Jan 2012 | 09 Jan 2012 | 26 Jun 2012 | 26 Jun 2012 |
| Environmental Testing and bake-out | complete | complete | complete | complete | complete | complete | complete | complete |
| Delivery to tuning and calibration | complete | complete | complete | complete | complete | complete | complete | complete |
|  |  |  |  |  |  |  |  |  |
| **AFG Electronics** |  | |  | |  | |  |  |
| Serial Number | 01 | | 02 | | 03 | | 04 | |
| Final Assembly | complete | | complete | | complete | | underway | |
| Bench Test | complete | | complete | | complete | |  | |
| Delivery to tuning/matching and calibration | complete | | complete | | complete | |  | |
| **AFG Tuning and Calibration** |  | |  | |  | |  |  |
| Sensor/Electronics Tuning/Matching, Thermal Test | complete | | complete | |  | |  | |
| Calibration at TU-BS | complete | | complete | | NO CALIB | | NO CALIB | |
| Final Test and EIDP | complete | | complete | |  | |  | |
| Delivery to UNH | complete | | complete | |  | |  | |
| **AFG/DFG Harness** |  | |  | |  | |  |  |
| Serial Numbers | AFG Deck: 1  DFG Deck: 1 | Boom: 1, 2 |  |  |  |  |  |  |
| Final Assembly | complete | complete |  |  |  |  |  |  |
| Test | complete | complete |  |  |  |  |  |  |
| Bake Out | complete | complete |  |  |  |  |  |  |
| Shipment to UNH | complete | complete |  |  |  |  |  |  |

# IWF (DFG):

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Subsystem & Status** | **Ship Set** | | | | |
| **SS#1** | **SS#2** | **SS#3** | **SS#4 (& spare)** | |
| **DFG Sensor** |  |  |  |  |  |
| Serial Number | 04 | 08 | 07 | 10 (---) | |
| Received from UCLA | complete | complete | complete | complete (---) | |
| **DFG Electronics** |  |  |  |  |  |
| Serial Number | DFG1 | DFG2 | DFG5 | DFG4, (& DFG3 spare[[2]](#footnote-2)) | |
| Receipt from UNH | complete | complete | complete | complete | |
| Functional, Thermal and Tuning Test | complete | complete | complete |  | |
| Ready for Sensor/Electronics Calibration | complete | complete | complete |  | |
| **DFG Tuning and Calibration** |  |  |  |  |  |
| Calibration at TU-BS | complete | complete | complete |  | |
| Final Test, EIDP | complete | complete | complete |  | |
| Delivery to UNH | complete | complete | 24 Jul 2012 |  | |

# LPP:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Subsystem & Status** | **Ship Set** | | | | |
| **SS#1** | **SS#2** | **SS#3** | **SS#4** | |
| **SCM Sensor** |  |  |  |  |  |
| Serial Number | FM1 | FM2 | FMS | FM3 | |
| Assembly | complete | complete | complete | complete | |
| Functional and Thermal Test | complete | complete | complete | complete | |
| PER | 20 May 2011 | 09 Jan 2012 | 09 Jan 2012 | 09 Jan 2012 | |
| Vibration and Post-Vibe Thermal Test | complete | complete | 01 Jun 2012 | complete | |
| TV Test | complete | complete | 11 Jun 2012 |  | |
| Delivery to Tuning and Calibration | complete | complete | complete |  | |
|  |  |  |  |  | |
| **SCM Preamp** |  |  |  |  |  |
| Serial Number | FM1 | FM2 | FM4 | FM5 | |
| Assembly | complete | complete | complete | complete | |
| Functional ant Thermal test | complete | complete | complete | complete | |
| PER | 08 Aug 2011 | 09 Jan 2012 | 09 Jan 2012 |  | |
| Vibration Test | complete | complete | complete | 17 Jul 2012 | |
| TV Test | complete | complete | complete |  | |
| Delivery to Tuning and Calibration | complete | complete | complete |  | |
| **SCM Harness** |  |  |  |  |  |
| Serial Number | 01 | 02 | 03 |  | |
| Assembly and Test | complete | complete |  |  | |
| Bake Out & Certification | 22 May 2012[[3]](#footnote-3) | complete |  |  | |
| Delivery to UNH | complete |  |  |  | |
| **SCM Test and Calibration** |  |  |  |  |  |
| Sensor/Electronics Test | complete | complete | complete |  | |
| Calibration | complete | complete | complete |  | |
| Final Test and EIDP | complete | complete | complete |  | |
| Delivery to UNH | complete | 25 Jul 2012 | 25 Jul 2012 (not harness) |  | |

# U of Iowa:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Subsystem & Status** | **Ship Set** | | | | | | | |
| **SS#1** | | **SS#2** | | **SS#3** | | **SS#4** | |
| **EDI Optics** |  | |  | |  | |  |  |
| Serial Number | 01 | 02 |  |  |  |  |  |  |
| Final Assembly | complete | complete |  |  |  |  |  |  |
| Testing | complete | complete |  |  |  |  |  |  |
| Delivery to UNH | complete | complete |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

# IWF (EDI):

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Subsystem & Status** | **Ship Set** | | | | | | | | |
| **SS#1** | | **SS#2** | | **SS#3** | | | **SS#4** | |
| **Gun** |  | |  | |  | | |  |  |
| Serial Number | 01 | 02 | 03 |  |  | |  |  |  |
| Final Assembly | complete | complete | underway |  |  | |  |  |  |
| Bench Testing | complete | complete |  |  |  | |  |  |  |
| Thermal Testing | complete | complete |  |  |  | |  |  |  |
| Deliver to Gun/GDE Test and Calibration |  | complete |  |  |  | |  |  |  |
|  |  |  |  |  |  | |  |  |  |
| **GDE** |  | |  | |  | | |  |  |
| Serial Number | 01 | 02 | 03 |  |  | |  |  |  |
| Final Assembly | complete | complete | complete |  |  | |  |  |  |
| Environmental Tests | complete | complete |  |  |  | |  |  |  |
| Delivery to IWF | complete | complete |  |  |  | |  |  |  |
| IWF Acceptance Test | complete | complete |  |  |  | |  |  |  |
| Deliver to Gun/GDE Test and Calibration | complete | complete |  |  |  | |  |  |  |
|  |  |  |  |  |  | |  |  |  |
| **Gun/GDE Test and Calibration** |  | |  | |  | | |  |  |
| Initial Functional Test | complete | complete |  |  |  |  | |  |  |
| Calibration |  | complete |  |  |  |  | |  |  |
| Final Test and EIDP |  | complete |  |  |  |  | |  |  |
| Deliver to UNH |  | complete |  |  |  |  | |  |  |

# KTH/IRFU/Oulu:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Subsystem & Status** | **Ship Set** | | | | | | | | |
| **SS#1** | | **SS#2** | | **SS#3** | | | **SS#4** | |
| **LVPS** |  | |  | |  | | |  |  |
| Serial Number | PS1 | | PS2 | | PS3 | | | PS4 (& PS5-spare) | |
| Receipt from UNH | complete | | complete | | complete | | | complete | |
| Bench Test (KTH) | complete | | complete | | complete | | | complete | |
| Acceptance Test (IRFU) | complete | | complete | | complete | | | complete | |
| Parylene Coating | complete | | complete | | complete | | | complete | |
| Final Test and EIDP | complete | | complete | |  | | |  | |
| Deliver to UNH | complete | | complete | |  | | |  | |
|  |  | |  | |  | | |  | |
| **AEB** |  | |  | |  | | |  |  |
| Serial Number | 001 | | 002 | | 003 | | |  | |
| Receipt from UNH | complete | | complete | | complete | | |  | |
| Bench Test (KTH) | complete | | complete | | underway | | |  | |
| Acceptance Test (IRFU) | complete | | complete | |  | | |  | |
| Parylene Coating | complete | | complete | |  | | |  | |
| Final Test and EIDP | complete | | complete | |  | | |  | |
| Deliver to UNH | complete | | complete | |  | | |  | |
|  |  | |  | |  | | |  | |
| **S-BEBs** |  | |  | |  | | |  |  |
| Serial Numbers | 3, 4 | 5, 6 | 7, 8 |  |  | |  |  |  |
| Receipt from UNH | complete | complete | complete |  |  | |  |  |  |
| Bench Test (KTH) | complete | complete | complete |  |  | |  |  |  |
| Acceptance Test (IRFU) | complete | complete | complete |  |  | |  |  |  |
| Ready for Probe-to-BEB) Test and Calibration | complete | complete | complete |  |  | |  |  |  |
| Parylene Coating | complete | complete | complete |  |  | |  |  |  |
| Final Test and EIDP | complete | complete | complete |  |  | |  |  |  |
|  |  |  |  |  |  | |  |  |  |
| **Probe/Yo-Yo** |  | |  | |  | | |  |  |
| Serial Numbers | A1, A2 | A3, A4 | C1, C2 | B3, B4 | D1, D2 | D3, D4 | | E1, E2 | E3, E4 |
| Assembly | complete | complete | complete | complete | complete | complete | | underway | underway |
| Functional Test (Oulu) | complete | complete | complete | complete | complete | complete | |  |  |
| Delivery to KTH | complete | complete |  | complete |  |  | |  |  |
| Ready for Probe-to-BEB) Test and Calibration | complete | complete |  | complete |  |  | |  |  |
| Thermal Vacuum Test | complete | complete |  | complete |  |  | |  |  |
| Final Test and EIDP | complete | complete |  | complete |  |  | |  |  |
|  |  |  |  |  |  |  | |  |  |
| **Preamp/Cable** |  | |  | |  | | |  |  |
| Serial Numbers | 3, 4 | 5, 6 | 7, 8 |  |  |  | |  |  |
| Receipt from UNH | complete | complete | complete |  |  |  | |  |  |
| Ready for Probe-to-BEB) Test and Calibration | complete | complete | complete |  |  |  | |  |  |
|  |  |  |  |  |  |  | |  |  |
| **Probe-to-BEB Test and Calibration** |  | |  | |  | | |  |  |
| Probe-to-BEB Test and Calibration | complete | complete | complete |  |  |  | |  |  |
| EIDP | complete | complete | complete |  |  |  | |  |  |
| Deliver to UNH | complete | complete | complete |  |  |  | |  |  |
|  |  |  |  |  |  |  | |  |  |

# UNH:

## UNH Subassemblies Delivered to Partners:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Subsystem & Status** | **Ship Set** | | | | | | | | | |
| **SS#1** | | **SS#2** | | | **SS#3** | | | **SS#4** | |
| **A-BEBs** |  | |  | | |  | | |  | |
| Housing Serial Number | 001 | | 002 | | | 003 | | | 004 (& 005 – spare) | |
| Board Serial Numbers | ADP5: ACP1, AAM1  ADP6: ACP2, AAM2 | | ADP5: ACP3, AAM3  ADP6: ACP4, AAM4 | | | ADP5: ACP5, AAM5  ADP6: ACP6, AAM6 | | | ADP5: ACP6, AAM6  ADP6: ACP7, AAM7 | |
| Board Assembly | complete | | complete | | | complete | | | complete | |
| AEB Assembly | complete | | complete | | | 18 May 2012 | | | 26 Jul 2012 (4 & 5) | |
| Delivery to KTH | complete | | complete | | | 12 Jun 2012 | | |  | |
| Received from KTH | complete | | complete | | |  | | |  | |
| Delivery to LASP | complete | | complete | | |  | | |  | |
| Received from LASP | complete | | 20 Jun 2012 | | |  | | |  | |
| **S-BEBs** |  | |  | | |  | | |  | |
| Housing Serial Number | 3, 4 | 5, 6 | 7, 8 | | 9, 10 | 11, 12 | | 13, 14 | 15, 16 | 17, 18 |
| Board Serial Numbers | SCP3, SCP4  SAM3, SAM4  GT3, GT4 | SCP5, SCP6  SAM5, SAM6  GT5, GT6 | SCP7, SCP8  SAM7, SAM8  GT7, GT8 | | SCP9, SCP10  SAM9, SAM10  GT9, GT10 | SCP11, SCP12  SAM11, SAM12  GT11, GT12 | |  |  |  |
| Board Kitting, Parts Forming and Tinning | complete | complete | complete | | complete | complete | | complete | complete | complete |
| Board Assembly (Syntech) | complete | complete | complete | | 31 May 2012 | 31 May 2012 | | In process | In process | In process |
| S-BEB Assembly (UNH) | complete | complete | complete | | In process | In process | |  |  |  |
| Delivery to KTH | complete | complete | complete | |  |  | |  |  |  |
| Received from KTH | complete | complete | complete | |  |  | |  |  |  |
| **SDP Peamp/Cable** |  | |  | | |  | | |  | |
| Serial Numbers | 3, 4 | 5, 6 | 7, 8 | 9, 10 | | 11, 12 | 13, 14 | | 15, 16 | 17, 18 |
| Received from LASP | complete | complete | complete | complete | | complete |  | |  |  |
| Survival TV Test | complete | complete | complete | 05 Jun 2012 | | 05 Jun 2012 |  | |  |  |
| Delivery to KTH | complete | complete | complete |  | |  |  | |  |  |
| Received from KTH | complete | complete | complete |  | |  |  | |  |  |
| Ready for SDP I&T | complete |  |  |  | |  |  | |  |  |
| **EDI BGS** |  | |  | | |  | | |  | |
| Serial Number | 1 | 2 | 3 | 4 | | 5 | 6 | | 7 | 8 (9, 10 spares) |
| Assembly | complete | complete | complete | complete | | complete | complete | | complete | complete |
| Testing | complete | complete | complete | complete | | complete | complete | | complete | complete |
| Delivery to IWF (Gun) | complete | complete | complete | complete | |  |  | |  |  |
|  |  |  |  |  | |  |  | |  |  |
| **EDI HV & Fil. Board** |  | |  | | |  | | |  |  |
| Serial Number | FIL1 | FIL2 | FIL3 | FIL4 | | FIL5 |  | |  |  |
| Assembly | complete | complete | complete | complete | | underway |  | |  |  |
| Testing | complete | complete | complete | complete | |  |  | |  |  |
| Delivery to IWF (Gun) | complete | complete | complete | complete | |  |  | |  |  |
|  |  |  |  |  | |  |  | |  |  |
| **LVPS** |  | |  | | |  | | |  |  |
| Serial Number | PS1 | | PS2 | | | PS3 | | | PS4, (& PS5 spare) | |
| Assembly | complete | | complete | | | complete | | | complete | |
| Deliver to KTH | complete | | complete | | | complete | | | complete | |
| Received from KTH | complete | | complete | | |  | | |  | |
| Receiving test | complete | | complete | | |  | | |  | |
| Ready for CEB | complete | | complete | | |  | | |  | |
|  |  | |  | | |  | | |  | |
| **DFG Board** |  | |  | | |  | | |  |  |
| Serial Number | DFG1 | | DFG2 | | | DFG3 | | | DFG4 (& DFG5 spare) | |
| Assembly | complete | | complete | | | complete | | | complete | |
| Deliver to IWF | complete | | complete | | | complete | | | complete | |
| Received from IWF | complete | | complete | | | complete | | |  | |
| Receiving test | complete | | complete | | | complete | | |  | |
| Ready for CEB | complete | | complete | | | complete | | |  | |

## UNH CEB:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Subsystem & Status** | **Ship Set** | | | | | | | |
| **SS#1** | | **SS#2** | | **SS#3** | | **SS#4** | |
| **BPM** |  | |  | |  | |  |  |
| Serial Number | BP1 | | BP2 | |  | |  | |
| Final Assembly | complete | | complete | |  | |  | |
| Bench Testing | complete | | complete | |  | |  | |
| Coating | complete | | complete | |  | |  | |
| Ready for CEB | complete | | complete | |  | |  | |
| **CDPU** |  | |  | |  | |  | |
| Serial Number | A: CPUA2 | B: CPUB2 | A: CPUA1 | B: CPUB1 | A: | B: | A: | B: |
| Final Assembly | complete | complete | complete | complete | In process | In process |  |  |
| Bench Testing | complete | complete | complete | complete |  |  |  |  |
| Thermal Testing | complete | complete | complete | complete |  |  |  |  |
| Coating and SE’s Test | complete | complete | complete | complete |  |  |  |  |
| Ready for CEB | complete | complete | 26 Apr 2012 | 26 Apr 2012 |  |  |  |  |
| **EDI Controller** |  | |  | |  | |  |  |
| Serial Number | CNTL1 | | CNTL2 | |  | |  | |
| Final Assembly | complete | | complete | |  | |  | |
| Bench Testing | complete | | complete | |  | |  | |
| Thermal Testing | complete | | complete | |  | |  | |
| Coating and SE’s Acceptance Test | complete | | complete | |  | |  | |
| Ready for CEB | complete | | 03 May 2012 | |  | |  | |
|  |  | |  | |  | |  | |
| **CEB** |  | |  | |  | |  | |
| Housing Serial Number | FM1 | | FM2 | |  | |  | |
| Board Serial Numbers as Integrated | BPM: BP1  LVPS: PS1  CDPU-A: CPUA2  CDPU-B: CPUB2  EDI Controller: CNTL1  AFG: 01  DFG: DFG1  DSP-A: SN01  DSP-B: SN03 | | BPM: BP2  LVPS: PS2  CDPU-A: CPUA1  CDPU-B: CPUB1  EDI Controller: CNTL2  AFG: 02  DFG: DFG2  DSP-A: SN08  DSP-B: SN09 | | BPM:  LVPS:  CDPU-A:  CDPU-B:  EDI Controller:  AFG:  DFG: DFG5  DSP-A:  DSP-B: | | BPM:  LVPS:  CDPU-A:  CDPU-B:  EDI Controller:  AFG:  DFG: DFG4  DSP-A:  DSP-B: | |
| Housing Assembly | complete | | complete | |  | |  | |
| Final Assembly | complete | | complete | |  | |  | |
| FFT | complete | | 26 Jun 2012 | |  | |  | |
| PER | 18 Jan 2012 | | 11 Jul 2012 | |  | |  | |
| EMI/EMC Test | complete | | complete | |  | |  | |
| Vibration Test | complete | | 18 Jul 2012 | |  | |  | |
| TV Test | complete | | In process | |  | |  | |
| Ready for FIELDS I&T | complete | |  | |  | |  | |

## UNH SDP:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Subsystem & Status** | **Ship Set** | | | | | | | |
| **SS#1** | | **SS#2** | | **SS#3** | | **SS#4** | |
| **S-BEBs** |  | |  | |  | |  | |
| Serial Number | 3, 4 | 5, 6 |  |  |  |  |  |  |
| Received from KTH | complete | complete |  |  |  |  |  |  |
| Final Assembly and Torque Monitor Calib. | complete | complete |  |  |  |  |  |  |
| Ready for SDP I&T | complete | complete |  |  |  |  |  |  |
| **Preamp/Cable** |  | |  | |  | |  | |
| Serial Numbers | 03, 04 | 05, 06 | 07, 08 |  |  |  |  |  |
| Received from KTH | complete | complete |  |  |  |  |  |  |
| Ready for SDP I&T | complete | complete |  |  |  |  |  |  |
| **Door Assembly** |  | |  | |  | |  | |
| Serial Numbers | 3, 4 | 5, 6 | 7, 8 | 9, 10 | 11, 12 | 13, 14 | 15, 16 |  |
| Received from LASP incl. fit check | complete | complete | complete | 23 May 2012 | 23 May 2012 | 23 May 2012 | 23 May 2012 |  |
| Ready for SDP I&T | complete | complete |  |  |  |  |  |  |
| **Sphere/Yo-Yo** |  | |  | |  | |  | |
| Serial Numbers | A1, A2 | A3, A4 |  |  |  |  |  |  |
| Received from KTH | complete | complete |  |  |  |  |  |  |
| Ready for SDP I&T | complete | complete |  |  |  |  |  |  |
| **S/C Bracket** |  | |  | |  | |  | |
| Thermal Hardware | 3, 4 |  |  |  |  |  |  |  |
| Motor Harness | complete |  |  |  |  |  |  |  |
| Ready for SDP I&T | complete |  |  |  |  |  |  |  |
| **Sphere/Yo-Yo to Preamp Integration** |  | |  | |  | |  | |
| Serial Numbers | Sphere: A1, A2  Preamp: 03, 04 |  |  |  |  |  |  |  |
| Assembly complete | complete |  |  |  |  |  |  |  |
| Ready for SDP I&T | complete |  |  |  |  |  |  |  |
| **SDP** |  | |  | |  | |  | |
| Serial Numbers | FM3, FM4 | FM5, FM6 |  |  |  |  |  | (Spare: FM2) |
| Final Assembly | complete | underway |  |  |  |  |  |  |
| FFT | complete |  |  |  |  |  |  |  |
| PER | complete |  |  |  |  |  |  |  |
| EMI/EMC Test | complete |  |  |  |  |  |  |  |
| Vibration Test | complete |  |  |  |  |  |  |  |
| TV Test | underway |  |  |  |  |  |  |  |
| Ready for FIELDS I&T |  |  |  |  |  |  |  |  |

## UNH EDI GDU:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Subsystem & Status** | **Ship Set** | | | | | | | |
| **SS#1** | | **SS#2** | | **SS#3** | | **SS#4** | |
| **Sensor** |  | |  | |  | |  | |
| Serial Number | FM1 | FM2 | FM3 | FM4 |  |  |  |  |
| Preamp Trimming | complete | complete | 24 May 2012 | complete |  |  |  |  |
| Preamp Delay Test | complete | complete | complete | complete |  |  |  |  |
| Thermal Test (w/o MCP) | complete | complete | complete | In process |  |  |  |  |
| Parylene | complete | complete | complete |  |  |  |  |  |
| Final Assembly | complete | complete |  |  |  |  |  |  |
| Electrical Test | complete | complete |  |  |  |  |  |  |
| Vacuum Test (Characterization) | complete | complete |  |  |  |  |  |  |
| Ready for GDU I&T | complete | complete |  |  |  |  |  |  |
| **Optics** |  | |  | |  | |  | |
| Serial Number | 1 | 2 |  |  |  |  |  |  |
| Received from U. Iowa |  | complete |  |  |  |  |  |  |
| Ready for GDU I&T |  | complete |  |  |  |  |  |  |
| **Gun** |  | |  | |  | |  | |
| Serial Number | 1 | 2[[4]](#footnote-4) |  |  |  |  |  |  |
| Received from IWF |  | complete |  |  |  |  |  |  |
| Ready for GDU I&T |  | complete |  |  |  |  |  |  |
| **GDE** |  | |  | |  | |  | |
| Serial Number | 1 | 2 |  |  |  |  |  |  |
| Received from IWF |  | complete |  |  |  |  |  |  |
| Ready for GDU I&T |  | complete |  |  |  |  |  |  |
| **GDU** |  | |  | |  | |  | |
| Serial Number | FM1 | FM2 |  |  |  |  |  |  |
| Final Assembly |  | complete |  |  |  |  |  |  |
| Bench Test |  | complete |  |  |  |  |  |  |
| FFT and Characterization in Vacuum |  | complete |  |  |  |  |  |  |
| PER |  | 21 May 2012 |  |  |  |  |  |  |
| EMI Test |  | 25 May 2012 |  |  |  |  |  |  |
| Vibration Test |  | 01 Jun 2012 |  |  |  |  |  |  |
| TV Test |  | complete[[5]](#footnote-5) |  |  |  |  |  |  |
| Ready for FIELDS |  |  |  |  |  |  |  |  |

## UNH FIELDS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Subsystem & Status** | **Ship Set** | | | |
| **SS#1** | **SS#2** | **SS#3** | **SS#4** |
| **FIELDS** |  |  |  |  |
| Component Serial Numbers | CEB: FM1  AEB: 001  SCM Sensor: FM1  SCM Preamp: FM1  SCM Harness: FM1  AFG Sensor: 05  Boom Harnesses: 1, 2  Deck Harnesses: 1, 1  DFG Sensor: 04  EDI Pair:  SDP Pair-1:  SDP Pair-2:  ADP Booms: 01, 02  ADP REs: 03, 04 |  |  |  |
| FIELDS CPT | underway |  |  |  |
| FIT Test | underway |  |  |  |
| EIDP | underway |  |  |  |
| PSR | 23 May 2012[[6]](#footnote-6) |  |  |  |
| UNH Delivery to IS | 30 May 2012 |  |  |  |
| LASP ADP Boom and RE Delivery to IS |  |  |  |  |

1. Spare doors. At least one will be needed given that SDP S/N FM1 is no longer a flight unit. [↑](#footnote-ref-1)
2. Due to broken test pins on DFG3, DFG3 is going to be repaired and then used as spare electronics [↑](#footnote-ref-2)
3. Rework with new over-shield, bake-out and certification done at UNH [↑](#footnote-ref-3)
4. Housing is serial number 1; Gun inside is serial number 2. [↑](#footnote-ref-4)
5. 28 Jun 2012: May need repeat of TV testing. Unable to debug test failure or replicate anomaly. [↑](#footnote-ref-5)
6. All except EDI GDU and SDP [↑](#footnote-ref-6)