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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 | in process | in process |
| Bench Testing | complete | complete | complete | complete |  In process |   |   |   |
| Thermal Testing | 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  |  |  |  |  |  |  |  |  |
| 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 |   |   |   |   |
| PER | 23 Jan 2012 | 23 Jan 2012 | 30 Apr 2012 | 30 Apr 2012 |  |  |  |  |
| Vibration Test | complete | complete | complete | complete |   |   |   |   |
| Thermal Vacuum Test | complete | complete |   |   |   |   |   |   |
| Calibration with AEB | complete | complete | In process | In process |  |  |  |  |
| 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 | In process |  |  |
| Test Reports | in process |   |   |   |
| Delivery to UNH | 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 | underway | underway |  |
| Final Assembly | complete | complete | complete | complete | complete |  |  |  |
| 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 | underway |
| 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: 10 | DFG: 11 |
| Final Assembly | complete | complete | complete | complete | complete | complete |  |  |
| Bench Testing | 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 |  |  |
| Environmental Testing and bake-out | complete | complete | complete | complete | complete | complete |  |  |
| Delivery to tuning and calibration | 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: 1DFG 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** |
| **DFG Sensor** |  |   |   |   |   |
| Serial Number | 04 | 08 | 07 |  |
| Received from UCLA | 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 |  |  |

# 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 |  |
| PER | 20 May 2011 | 09 Jan 2012 | 09 Jan 2012 |  |
| Vibration and Post-Vibe Thermal Test | complete | complete | complete |  |
| TV Test | complete | complete |  |  |
| Delivery to Tuning and Calibration | complete | complete |  |  |
|  |  |  |  |  |
| **SCM Preamp** |  |   |   |   |   |
| Serial Number | FM1 | FM2 | FM4 | FM5 |
| Assembly | complete | complete | complete | complete |
| Functional ant Thermal test | complete | complete | complete |  |
| PER | 08 Aug 2011 | 09 Jan 2012 | 09 Jan 2012 |  |
| Vibration Test | complete | complete | complete |  |
| TV Test | complete | complete | complete |  |
| Delivery to Tuning and Calibration | complete | complete |  |  |
| **SCM Harness** |  |   |   |   |   |
| Serial Number | 01 | 02 |  |  |
| 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 | underway |  |
| Calibration | complete | complete |  |  |
| Final Test and EIDP | complete | complete |  |  |
| Delivery to UNH | complete |  |  |  |

# 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 |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |  |

# 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 | In process |
| Final Test and EIDP | complete | complete |  |  |
| Deliver to UNH | complete | complete |  |  |
|  |  |  |  |  |
| **AEB** |  |   |   |   |   |
| Serial Number | 001 | 002 | 003 |  |
| Receipt from UNH | complete | complete |  |  |
| Bench Test (KTH) | complete | complete |  |  |
| 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 | underway | underway | underway | underway | underway |
| Functional Test (Oulu) | 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, AAM1ADP6: ACP2, AAM2 | ADP5: ACP3, AAM3ADP6: ACP4, AAM4 | ADP5: ACP5, AAM5ADP6: ACP6, AAM6 |  |
| Board Assembly | complete | complete | complete |  |
| AEB Assembly | complete | complete | 18 May 2012 |  |
| Delivery to KTH | complete | complete | In transit |  |
| Received from KTH | complete | complete |  |  |
| Delivery to LASP | complete | complete |  |  |
| Received from LASP | complete |  |  |  |
| **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, SCP4SAM3, SAM4GT3, GT4 | SCP5, SCP6SAM5, SAM6GT5, GT6 | SCP7, SCP8SAM7, SAM8GT7, GT8 | SCP9, SCP10SAM9, SAM10GT9, GT10 | SCP11, SCP12SAM11, SAM12GT11, GT12 |  |  |  |
| Board Kitting, Parts Forming and Tinning | complete | complete | complete | complete | complete | In process | In process | In process |
| Board Assembly (Syntech) | complete | complete | complete | 31 May 2012 | 31 May 2012 |  |  |  |
| 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 |  |  |  |  |  |
| 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 |  |  |  |  |
| Assembly | complete | complete | complete | complete |  |  |  |  |
| 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 |  |  |
| Receiving test | complete | complete |  |  |
| Ready for CEB | 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 |  |  |  |  |
| 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: BP1LVPS: PS1CDPU-A: CPUA2CDPU-B: CPUB2EDI Controller: CNTL1AFG: 01DFG: DFG1DSP-A: SN01DSP-B: SN03 | BPM: BP2LVPS: PS2CDPU-A: CPUA1CDPU-B: CPUB1EDI Controller: CNTL2AFG: 02DFG: DFG2DSP-A: DSP-B:  | BPM: LVPS:CDPU-A: CDPU-B: EDI Controller: AFG: DFG: DFG5DSP-A: DSP-B:  | BPM: LVPS:CDPU-A: CDPU-B: EDI Controller: AFG: DFG: DFG4DSP-A: DSP-B:  |
| Housing Assembly | complete | complete |  |  |
| Final Assembly | complete |  |  |  |
| FFT | complete |  |  |  |
| PER | 18 Jan 2012 |  |  |  |
| EMI/EMC Test | complete |  |  |  |
| Vibration Test | complete |  |  |  |
| TV Test | complete |  |  |  |
| 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. |  |  |  |  |  |  |  |  |
| Ready for SDP I&T |  |  |  |  |  |  |  |  |
| **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 |  |  |  |  |  |  |  |
| **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, A2Preamp: 03, 04 |  |  |  |  |  |  |  |
| Assembly complete | complete |  |  |  |  |  |  |  |
| Ready for SDP I&T | complete |  |  |  |  |  |  |  |
| **SDP** |  |   |   |  |
| Serial Numbers | FM3, FM4 | FM5, FM6 |  |  |  |  |  | (Spare: FM2) |
| Final Assembly | underway | underway |  |  |  |  |  |  |
| FFT |  |  |  |  |  |  |  |  |
| PER |  |  |  |  |  |  |  |  |
| EMI/EMC Test |  |  |  |  |  |  |  |  |
| Vibration Test |  |  |  |  |  |  |  |  |
| TV Test |  |  |  |  |  |  |  |  |
| 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 |  |  |  |  |  |
| Preamp Trimming | complete | complete | 24 May 2012 |  |  |  |  |  |
| Preamp Delay Test | complete | complete |  |  |  |  |  |  |
| Thermal Test (w/o MCP) | complete | complete |  |  |  |  |  |  |
| Parylene | 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 |  |  |  |  |  |  |  |  |
| Ready for FIELDS |  |  |  |  |  |  |  |  |

## UNH FIELDS

|  |  |
| --- | --- |
| **Subsystem & Status** | **Ship Set** |
| **SS#1** | **SS#2** | **SS#3** | **SS#4** |
| **FIELDS** |  |  |  |  |
| Component Serial Numbers | CEB: FM1AEB: 001SCM Sensor: FM1SCM Preamp: FM1SCM Harness: FM1AFG Sensor: 05Boom Harnesses: 1, 2Deck Harnesses: 1, 1DFG Sensor: 04EDI Pair: SDP Pair-1: SDP Pair-2: ADP Booms: 01, 02ADP REs: 03, 04 |  |  |  |
| FIELDS CPT | underway |  |  |  |
| FIT Test | underway |  |  |  |
| EIDP | underway |  |  |  |
| PSR | 23 May 2012[[5]](#footnote-5) |  |  |  |
| 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. All except EDI GDU and SDP [↑](#footnote-ref-5)