

DATE	WEEKDAY	TASKS TOWARDS COMMISSIONING PD
24/07/13	WEDNESDAY	<ul style="list-style-type: none"> • Completed: <ul style="list-style-type: none"> ○ UNPACK ITEMS FROM PD PACKAGES ○ SETUP FOR TESTING EQUIPMENT NEXT DAY • Did not complete: <ul style="list-style-type: none"> ○ PRACTICE CRIMPING CABLES ○ ASSEMBLE RP PLUG
25/07/13	THURSDAY	<ul style="list-style-type: none"> • Completed: <ul style="list-style-type: none"> ○ SHV CABLES MADE ○ TEST EQUIPMENT WITH NOISE IN D1.07 LAB ○ TEST EQUIPMENT WITH RADIATION SOURCE IN D1.07 LAB • Did not complete: <ul style="list-style-type: none"> ○ PRACTICE CRIMPING CABLES ○ ASSEMBLE RP PLUG
26/07/13	FRIDAY	<ul style="list-style-type: none"> • Completed: <ul style="list-style-type: none"> ○ REQUESTED WORK AT MORNING MEETING ○ BEGIN LAYING PD CABLES ○ BEGIN RP LINKBOARD BOX MODIFICATIONS ○ BEGIN MACHINING (FILE DOWN PIECE) ○ SUBMITTED DESIGN FOR SHOULDER SCREW ○ SUBMITTED DESIGN ADJUSTMENT TO BN SHIELD PRACTICE ASSEMBLING RP PLUG WITH RICHARD MARTIN ○ PRACTICE CONNECTING VACUUM CABLES TO RP PLUG WITH RICHARD MARTIN ○ OBTAINED RP PLUG PIN-OUT INFORMATION • Did not complete: <ul style="list-style-type: none"> ○ FINISH ASSEMBLING RP PLUG ○ FINISH CONNECTING PD VACUUM CABLES TO RP PLUG
27/07/13	SATURDAY	<ul style="list-style-type: none"> • Completed: <ul style="list-style-type: none"> ○ CONTINUE PRACTICING ASSEMBLING RP PLUG ○ CONTINUE PRACTICING CONNECTING PD VACUUM CABLES TO RP PLUG
29/07/13	MONDAY	<ul style="list-style-type: none"> • Completed: <ul style="list-style-type: none"> ○ REQUEST WORK AT MORNING MEETING ○ FINISH RP LINKBOARD BOX MODIFICATION AND MOUNT ON RP ○ ASHLEY STEVENS APPROVAL OF MD05 CUBICLE TO POWER ON EQUIPMENT ○ CUSTOM PD SHOULDER SCREWS COMPLETED ○ FIND EARTH FAULT IN MD05 CUBICLE SETUP (NOT PD EQUIPMENT → FAULTY MAGNETICS SENSOR) ○ FIND APPROPRIATE RP PIN CONFIGURATION FOR RP VACUUM SIDE AND RP AIR SIDE CONNECTIONS ○ OBTAIN PUSH-ON CONNECTORS FOR RP AIR SIDE CONNECTIONS ○ SPECIAL TECHNIQUES GROUP RECEIVED MATERIAL TODAY, SHIELD FABRICATION STARTED • Did not complete: <ul style="list-style-type: none"> ○ FINISH PD CABLE WORK (PREAMP OUTPUT CONNECTION) ○ MACHINING (FILE DOWN PIECE) ○ GET MMAC FINAL SIGNATURE FROM MIKE DRISCOLL ○ CONNECT COMPUTER TO DATAC NETWORK ○ TEST TRIGGER SIGNAL TO COMPUTER
30/07/13	TUESDAY	<ul style="list-style-type: none"> • Completed: <ul style="list-style-type: none"> ○ REQUEST WORK AT MORNING MEETING ○ CONNECT COMPUTER TO DATAC NETWORK ○ TEST REMOTE LOGIN ○ UPDATE DATA ACQUISITION SOFTWARE FRONT PANEL ○ CONNECT RP LINKBOX PREAMP OUTPUT CONNECTIONS

		<ul style="list-style-type: none"> ○ FOUND VESSEL EARTH FAULT WITH PREAMP CONNECTIONS (INSULATE PREAMP POWER CONNECTORS FROM SHV INPUT CONNECTORS FROM BOTTOM OF LINKBOX) ○ GET SITE PASS ○ DISCUSS AND CONFIRM SET/ GRUB SCREWS PD CONNECTOR ALTERATION TO SECURE PLUG ○ TEST OSCILLOSCOPE TO USE FOR TESTING EQUIPMENT WITH RADIATION SOURCE ○ OBTAIN NEW PINS AND SLEEVING FOR NEW CONNECTIONS ○ OBTAIN MMAC FORM SIGNATURES FROM: MIKE DRISCOLL, BRIAN LLOYD ○ NEW PLAN FOR PIN CONFIGURATIONS (RP VACUUM & AIRSIDE) • Did not complete: <ul style="list-style-type: none"> ○ GET MMAC SIGNATURES FROM: MIKE DRISCOLL, KEITH HAWKINS, PAUL STEVENSON ○ CONFIRM IMPEDANCE OF TRIAXIAL CABLES ○ MAKE RP VACUUM & AIRSIDE CONNECTIONS
31/07/13	WEDNESDAY	<ul style="list-style-type: none"> • Completed: <ul style="list-style-type: none"> ○ NEW BOX FOR FRIDAY EQUIPMENT TESTING WITH SOURCE ○ BEGAN VACUUM CABLE CONNECTIONS TO RP PLUG ○ MADE CONFIGURATION FOR CONNECT PREAMP CABLES TO RP AIRSIDE CONNECTIONS • Did not complete: <ul style="list-style-type: none"> ○ MACHINING (FILE DOWN PIECE & PD CONNECTOR MODIFICATION) ○ CUT PD BASE MACHINE SCREW ○ PREAMP CABLES TO RP AIRSIDE CONNECTIONS
01/08/13	THURSDAY	<ul style="list-style-type: none"> • Completed: <ul style="list-style-type: none"> ○ SETUP AND TEST TRIGGER SIGNAL TO COMPUTER ○ PD CONNECTOR MODIFICATIONS MADE ○ PD PIECE FILED DOWN ○ BN SHELL COMPLETED ○ CLEAN PD 316SS PIECE IN SONIC-BATH ○ CLEAN BN SHELL WITH ISOPROPONAL ○ OBTAIN SHORTER M3 MACHINE SCREW ○ CLEAN SHOULDER SCREWS, SET/ GRUB SCREWS, AND NEW MACHINE SCREW IN SONIC-BATH ○ REQUEST ASSEMBLY OF RP AIRSIDE CONNECTIONS (OBTAINED NEW COAXIAL CABLE & NEW 15 PIN FEMALE CONNECTOR) ○ MMAC COMPLETE AND APPROVED • Did not complete: <ul style="list-style-type: none"> ○ ASSEMBLE PROBE HEAD ○ UPDATE NEW CABLE INFO AND RATINGS FOR CABLE BLOCK DIAGRAM ○ MAKE SHOULDER SCREW DRAWING ○ ADD CHANGES TO PD CONNECTOR AND SHELL ○ SUBMIT FINAL DRAWINGS TO CCFE DRAWING OFFICE
02/08/13	FRIDAY	<ul style="list-style-type: none"> • Completed: <ul style="list-style-type: none"> ○ REQUEST WORK AT MORNING MEETING ○ TEST EQUIPMENT (NO VACUUM CABLES) WITH RADIATION SOURCE IN MAST TEST CELL AREA ○ GRAPHITE COAT BN SHIELD 1ST LAYER ○ FINISH RP AIRSIDE CONNECTIONS ○ CONTINUE RP VACUUM CABLE CONNECTIONS ○ HDF5 FILE FOR LOW TF SHOT • Did not complete: <ul style="list-style-type: none"> ○ SPOT-WELD SCREW OR FIND 316SS LOCK WASHER (TRY SPECIAL TECHNIQUES GROUP OR LOWER COMPASS AREA WORKSHOP)

03/08/13	SATURDAY	<ul style="list-style-type: none"> • Completed: <ul style="list-style-type: none"> ○ GRAPHITE COAT BN SHIELD 2ND LAYER ○ GRAPHITE COAT 3RD LAYER ONLY ON TOP SURFACE OF BN SHIELD ○ FINISH RP VACUUM CABLE CONNECTIONS
05/08/13	MONDAY	<ul style="list-style-type: none"> • Completed: <ul style="list-style-type: none"> ○ REQUEST WORK AT MORNING MEETING ○ FPP-001 AND FPP-005 MEETING ○ MEET WITH NIGEL & JAMES HARRISON - MAST SHOT NUMBER PROGRAM ○ FIU UNDERGRADUATE ONLINE SITE INDUCTION TRAINING ○ FIGURED OUT HOW TO TRANSFER DATA FROM PD COMPUTER ON DATAC TO COMPUTER OUTSIDE DATAC NETWORK • Did not complete: <ul style="list-style-type: none"> ○ FIND 316SS LOCKWASHER ○ CHECK CONTINUITY OF VACUUM CABLE CONNECTIONS ○ TEST EQUIPMENT WITH RADIATION SOURCE (INCLUDING RP VACUUM AND AIRSIDE CONNECTION CABLES) IN AFTERNOON ○ ASSEMBLE PROBE HEAD
06/08/13	TUESDAY	<ul style="list-style-type: none"> • Completed: <ul style="list-style-type: none"> ○ NEW RP VACUUM CABLE CONNECTIONS ○ EPD & ANALYSIS PROGRAM INSTALLED ON FUSL CCFE NETWORK COMPUTER ○ SUCCESSFULLY FTP FROM PD COMPUTER TO FUSL CCFE NETWORK COMPUTER ○ FIND 316SS LOCKWASHER ○ BEGAN LOGISTICS PLANNING FOR DATA COLLECTION • Did not complete: <ul style="list-style-type: none"> ○ CHECK CONTINUITY OF VACUUM CABLE CONNECTIONS
07/08/13	WEDNESDAY	<ul style="list-style-type: none"> • Completed: <ul style="list-style-type: none"> ○ REQUEST WORK AT MORNING MEETING ○ TESTED RP AIRSIDE AND VACUUM CABLE CONNECTIONS FOR CONTINUITY ○ TEST EQUIPMENT WITH RADIATION SOURCE IN AFTERNOON (NOISE PROBLEM FROM PREAMP TO OUTPUT SIGNAL) ○ UPDATES TO ORBIT CODE FOR INDIVIDUAL DETECTOR ORIENTATION INPUT (CODE ALMOST READY?) • Did not complete: <ul style="list-style-type: none"> ○ ASSEMBLE PROBE HEAD IN MORNING ○ BAKE COMPLETE ASSEMBLED PROBE HEAD ○ LET COOL OFF ○ DID NOT ISOLATE NOISE PROBLEM WITH PD EQUIPMENT
08/08/13	THURSDAY	<ul style="list-style-type: none"> • REQUEST WORK AT MORNING MEETING • MAKE PREAMP CABLE? • TEST PD EQUIPMENT (TRY TO ISOLATE NOISE PROBLEM) • ASSEMBLE PROBE HEAD IN MORNING • BAKE COMPLETE ASSEMBLED PROBE HEAD • LET COOL OFF
09/08/13	FRIDAY	<ul style="list-style-type: none"> • REQUEST WORK AT MORNING MEETING • INSTALL PROBE HEAD ON MAST RP IN MORNING • PUMP DOWN AND BAKE PD PROBE HEAD AND RP • TEST PD EQUIPMENT (TRY TO ISOLATE NOISE PROBLEM)
10/08/13	SATURDAY	<ul style="list-style-type: none"> • CONTINUE PUMP DOWN AND BAKE • TEST PD EQUIPMENT (TRY TO ISOLATE NOISE PROBLEM)
11/08/13	SUNDAY	<ul style="list-style-type: none"> • CONTINUE PUMP DOWN AND BAKE
12/06/13	MONDAY	<ul style="list-style-type: none"> • FINISH PD INSTALLATION • REQUEST WORK AT MORNING MEETING • TEST EQUIPMENT

		<ul style="list-style-type: none">• TROUBLESHOOT
13/06/13	TUESDAY	<ul style="list-style-type: none">• PD READY FOR PARASTIC DATA COLLECTION