

## **RESET 6M (June 1999)**

### **Team:**

MANUS

- Helsel(Lead, daily reporting) – 2wks
- Yellowhorse – 2 wks
- Widener – 2wks
- Ayers – 2wks
- Houston – 2 wks
- Maxfield – 1<sup>st</sup> wk
- Kovacs – 2nd wk

### **Dates:**

TWP Leave US: 07Jun99

All Arrive at site: 10Jun99

Kovacs Arrive at site: 16Jun99

Maxfield, Houston Depart site before 22Jun99

Kovacs Depart site: 22Jun99

TWP Depart site: 25Jun99

Shipping items to AIS: 19May99

### **Schedule Outline:**

- 1<sup>st</sup> wk Put in electrical(conduit,boxes,pull wire,lights) LY & FH
- 1<sup>st</sup> wk Install RBL and fix H2 Generator BOM
- 1<sup>st</sup> wk Install MMCR KW & TA
- 2<sup>nd</sup> wk Set up Y-Van as storage and install lights LY
- 2<sup>nd</sup> wk Train Observers on MMCR KW & TA
- 2<sup>nd</sup> wk Train Observers on H2 Gen, RBL BOM
- 11Jun thru 20Jun Work on power, etc. – 10days
- 21Jun thru 22Jun Extra tasks – 2 days
- 23Jun thru 24Jun Take off, let systems run – 2 days
- 25 June fly out

### **Tasks:**

MANUS

1. Audit in Helsel
2. Replace missing tools Yellowhorse
3. Install MMCR antenna on I-Van Widener
4. Move storage items from I-Van to Y-Van Widener
5. Install MMCR as stand alone instrument Widener
6. Install Y-Van wall and AC unit Yellowhorse
7. Install Y-Van junction box(for AC and lights) Helsel
8. Power up Y-Van Helsel
9. Power up Y-Van AC and lights Helsel
10. Install new power panel box at E-Van Helsel

11. Install new power junction box at E-Van	Helsel
12. Install new power conduit and line to H2 Gen	Helsel
13. Power up H2 Generator	BOM
14. Install new power conduit and line to RBL	Helsel
15. Install new power conduit and line to release pt	Helsel
16. Install new power conduit and line to water pump	Helsel
17. Install H2 gas line	BOM
18. Install aspirator pipe	BOM
19. Install RBL, and lights	BOM
20. Power up RBL and release point	BOM
21. Set aspirator pipe at RBL	BOM
22. Install release pt and cage	BOM
23. Install water tank and pump	BOM
24. Install emergency shower	BOM
25. Fix existing H2 Generator	BOM
26. Train Observers to use H2 Generator	BOM
27. Train Observers to launch balloons with RBL	BOM
28. Train Observers to test for Oxygen	BOM
29. Review and edit launching procedures	BOM
30. Train Observers on MMCR operations	Widener
31. Set up spare Skyrad stand	Yellowhorse
32. Set launching schedule (2 per day?)	Jones
33. Audit Out	Yellowhorse

Other Tasks if there is time(We are allowing 2 days for “other tasks”, therefore if we have to work on ADaM there is no time for anything else for Helsel):

1. (2.0d)ADaM Troubleshooting	Helsel/Widener
2. (0.5d)Replace T/RH sensor	Helsel
• splice cable in field	
• check fan, filter	
• compare to PNG NWS reading	
3. (0.2d)Investigate existing lightning protection status	Helsel
4. Install SDL file upgrade	Helsel
5. Train Observers on WSI disk changing	Helsel
6. (0.2d)Replace SKYRAD IRT lens	Yellowhorse
7. (0.5d)WSI calibration verification, filter change	Helsel
8. (0.5d)WSI reseal	Helsel
9. (0.5d)WSI full calibration	Helsel
10.(0.5d)Verify if WIND1 is low or top anemometer	Helsel
• Make WIND1 top by wiring at top, if necessary	
• Verify configuration (calib. coeff) for WIND1 & 2	
11.(0.1d)Check MWR for level and look at offset.log file(one no.).	Helsel
12.(0.5d)Change & save GRNRAD IRT settings on logger & instr.	Helsel
13. (0.1d) Replace NET radiometer domes	Yellowhorse
14.(0.2d)Fix or replace Smoke, CO alarms	Yellowhorse

- 15. (1.0d) Install SMET lightning protection grnd rods, cable trench Yellowhorse
- 16. (0.5d) Connect SMET lightning protection rods to exist short rod Yellowhorse
- 17. (0.5d) MPL compressor replacement (RESET-7 by Flynn) Helsel