

TWP Ops Pacific Teleconference Action Items 05May09

Local Times:

|                                  |                                    |
|----------------------------------|------------------------------------|
| USA: 15:30 MDT Tuesday Afternoon | Direct dial-in numbers:            |
| Darwin: 08:00 Wednesday Morning  | 1-505-606-1398 (international)     |
| PNG: 08:30 Wednesday Morning     | 1-866-925-1562 (toll free in U.S.) |
| Nauru: 10:30 Wednesday Morning   |                                    |

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PARTICIPANTS:

| TWPO                         | ARCS#1                  | ARCS#2            | ARCS#3                 |
|------------------------------|-------------------------|-------------------|------------------------|
| <del>Larry Jones</del>       | Hymson Waffi            | Andrew Kaierua    | <del>Troy Culgan</del> |
| <del>Kim Nitschke</del>      | <del>Myra Selan</del>   | Franklin Teimitsi | Mike Ryczek            |
| <del>Amon Haruta</del>       | <del>Robert Bonan</del> |                   | John Glowacki          |
| <del>Charles Brinkmann</del> |                         |                   |                        |
| Monty Apple                  |                         |                   |                        |
| <del>Clif Meyer</del>        |                         |                   |                        |

\*Red Text indicates new info since last call\*  
 \*\*Blue Text indicates info on items discussed during call\*\*  
 Tasks are organized alphabetically for each site.

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1. Announcements

- Kim is back.
- RHUBC-II Beta Test is over. Pack up has started.
- Amon will be back on Wed 06May09.
- **Troy is back in Darwin, back in the office on 08May09.**

2. Upcoming Site Visits (no need to cover during Teleconference)

- SV-0904N set for 11May (**depart Darwin, overnight in Brisbane**) to 22May: Ryczek and Glowacki to Nauru.

3. Manus Facility Status:

Discuss during Teleconference:

- **BBSS:** Manus Hogen control boards sent to Melbourne for repair. Boards and power supply to be purchased in US with info from Mike or John - currently no spare boards or power supply at Manus.
- **GENSET:** ~~Monty~~ BOM to order fuses for Genset.
- **MPL:** If we send spare Laser Diode from AMF, system will still require a power supply to fix the MPL.
- **Observers:** BOM setting up new email account for Robert Bonan.
- **ORG:** Darwin waiting on broken ORG from Manus. Hymson will check to see where it is.

Issues to monitor, no need to cover on Teleconference:

- **COMMS:** Problems with site Fax - will check on next SV. E-van phone and Site Fax not connected to Sat Phone now.
- **COMMS:** Unable to use VOIP until next Site Visit upgrade.
- **Genset:** David Brough to purchase oil pressure gage from Hastings Deering Lae.
- **GENSET:** Henry Puer with UMW performed Genset service on Tuesday 28Apr09 by UMW. **Monty to follow up with David Brough for SOS Report.**
- **MPL:** Not operational. Need to have replacement power supply and laser diode sent to Manus.

- **ORG:** Mike Ritsche issued DQPR. ORG not reporting correctly, need to send ORG to Darwin for repair. Darwin sent spare on 13Mar09 for installation. Will leave currently installed unit until replacement arrives from Darwin.
- **TSI:** Will need to adjust sky filter thresholds under less-cloudy skies. Will do on next site visit.

Shipments:

- **BBSS:** Shipment SGP, 03Mar09, FedX 859558278484, sondes and balloons, to Manus, 5 boxes. Arrived Manus but SRTS updates have not been entered. Hymson did the receipt notice.
- **BBSS:** Shipment SGP, 10Mar09, FedX 822557852579, sondes and balloons, to Manus, 5 boxes. Arrived Manus but SRTS updates have not been entered. Hymson did the receipt notice.

4. Nauru Facility Status:

Discuss during Teleconference:

- **BBSS:** Electrolyser is down and Helium is being used starting 17Apr09. 17 full cyl on 28Apr09. Clif obtaining 20 more balloon gas cylinders.
- **BBSS:** How many helium cylinders remaining? 14
- **BBSS: Genset:** Diesel Fuel situation: Tank 1 (600 gallon tank) is 7/8 full. Tank 2 (1000 gallon tank) is 7/8 full. 50 full drums remaining.
- **Genset:** Status of Genset service with Nauru Rehab. Robby with Nauru Rehab serviced genset (500 hr service) on 01May09. The leak was not fixed. Andrew to send Monty the Genset Checklists. Monty to send BOM the Genset info and they will obtain parts from HD locally for Nauru.

Issues to monitor, no need to cover on Teleconference:

- **Genset:** #2 tank fuel gage is faulty and spares have the wrong thread. Monty/Clif will send correct gage/fitting.
- **Genset:** Check Genset to see if Nauru Rehab fixed the minor oil leak around the sump gasket.
- **OTHER:** Currently Our Airline departs Brisbane for Nauru every Thursday and Sunday and arrives Fridays and Mondays.
- **Tracker: DQPR 2155 - Starting 25Mar09;** Tracker stopped per contact sheet 25Mar09 and TWP SKYRAD Data Quality Assessment Report for 20090404 - 20090410. To be addressed on next Site Visit.
- **UPS:** Andrew shipped 2 of the Liebert UPS's (for Manus) and 20 empty balloon gas cylinders to Brisbane (CTS) and David Brough will handle. Shipment left 17Mar09 for Brisbane. Andrew to follow up on paperwork to submit shipment in SRTS.

Shipments: Voyage 010: Loose Cargo Close ??, Full Container Close ??, ETD Brisbane 18Apr09, ETA Nauru 25Apr09. Voyage 012: ETD Brisbane 27May, ETA Nauru 03Jun09.

- **AERI, MMCR:** Shipment Nauru, 16Mar09, AERI, MMCR, to SGP, 1 20ft cargo container. ETA Brisbane 19Mar09. Per Alister Campbell 19Apr09: "Container is in Brisbane. We are waiting for the container now to be released at which point we will arrange fumigation at a customs bonded depot, then we will immediately transfer to an export vessel."

5. Darwin Status:

Discuss during Teleconference:

- I-van ac unit is tripping power. Possible wiring problem. Will address today. There is a problem with the compressor on A/C #1. Compressor is dead, will need new ac unit. BOM waiting on quote for new ac unit.
- OCO: BOM worked with Mentor to clear up problem with spectrometer.

Issues to monitor, no need to cover on Teleconference:

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Shipments:

- Shipment SGP, 28Apr09, Fed X 822557852546, Anemometer, Low Noise Amplifier, to Darwin, 1 box.

6. AMF Status - Azores Deployment: Operations 01May09-31Dec2010.

Discuss during Teleconference.

- **AERI, ECOR, DATALOGGERS: Shipment SGP, Fedx 796542335730, 22Apr09, AERI Hatch Controller, ECOR Computer, Data Loggers, to Azores, 1 box.**
- **2NFOV:** Once replacement unit is installed, send older unit to SGP.
- **Ceilometer:** Once replacement unit is installed, send older unit to SGP.
- **CIMEL:** Need to send unit #99 from SGP to Azores in time for deployment. During unpacking and installation, need to send Cimel unit #168 back to SGP for forwarding on to Aeronet.
- **DS: DS View Page is up 30Apr09.**
- **Installation:** First wave install team: 30Mar-10Apr09, Second wave 06-27Apr09. OPS 01May09 - 31Dec10.
- **IRT:** Need replacement IRT Power Supply purchased and sent to Azores asap. Purchase request sent in on 17Apr09 by Monty.
- **IRT:** Perform EC0-368 to increase sampling rate of IRT.
- **LICOR:** SGP sent freshly calibrated LI-7500 to Azores for install. Replaced unit to be sent back to SGP.
- **SMET:** Need to send 2 Anemometers packed and ready to go to Darwin.

Issues to monitor, no need to cover on Teleconference:

- **Genset:** Should a Cylinder Bore Deglazing be scheduled?
- **Genset:** Basler file: Shunt trip disconnected.
- **Genset:** New Block heater shipped to Azores in S1 and needs to be installed.

Shipments:

- **AERI:** Shipment, 16Apr09, Fedx 796525041460, Univ of Wisconsin, Hatch controller to SGP (For Azores), 1 box (28"x33"x13", 35lbs).
- **Aerosol Neutralizer:** Shipment: Global Logistics, 15Feb08, FedEx# 6616 3325 2503/781-5395-8796 Aerosol Neutralizer, to AAF Linze, 1 box. Will stay in Beijing until after Olympics and then shipped back to US.
- **AOS:** Shipment SGP, 10Apr09, Fedx CPC and Butanol, to Azores, 1 box. Arrived Azores 16Apr09.
- **Ceilometer:** Shipment SGP, 08Apr09, Fedx 865315834515, Ceilometer and battery, and Vans Filter Pads to Azores, 2 boxes. Arrived Azores 16Apr09.
- **Datalogger:** George to ship dataloggers (6116 and 6305) rec'd on 16Apr09, to AMF in next shipment.
- **DS:** Shipment SGP, 14Apr09, Fedx 7975 0520 1205, Sun Servers, to Azores, 3 boxes. Booked on boat departing from Terceira on 04/19 arriving on Graciosa 04/20.
- **DS:** Shipment LANL, 14Apr09, DHL 9806 6572 1908, Control Device Masters, to Azores, 1 box. Booked on boat departing from Terceira on 04/19 arriving on Graciosa 04/20.
- **MWR:** Shipment Radiometrics, 10Apr09, Fedx 353464210001568, MWR s/n 1133, to Azores, 1 box. Mae Chu sent email on 17Apr reporting this MWR is booked on a flight on 20Apr09.

- **PR:** Shipment SGP, 10Apr09, Fedx 7965 0790 4622, AMF travel poster, to Azores, 1 box.
- **Shipments:** All future air shipments to Azores to be consigned to:  
ALVARO ANDRADE SOC. UNIP. LDA.  
JUNCAL N. 60  
9760-402 PRAIA DA VITORIA  
TERCEIRA  
PORTUGAL  
Above will be updated for air and surface shipments.

#### 7. RHUBC-II status

- Beta Test at PSSF is officially over. **Rodrigo Zuniga from Chile on site and will depart 08May09. Pack up has started.**
- **GENSET:** WIPS to do service on Genset before pickup to Chile.

#### **Shipments:**

#### 8. SGP - Instrument repair/cal status

- **BBSS:** Shipment SGP, 10Dec08, Fedx 797171166713, Radiosondes (51 Manus, 95 Nauru) for warranty, 2 Vaisala, 2 boxes.
- **BBSS:** Shipment SGP, 12Nov08, FedX 796109233448, 53 Failed Radiosondes from AMF Germany, to Vaisala, 1 box. Rec'd 53 replacement sondes at SGP on 09Mar09, Fed X 1Z0EE0550442842007. Send to Manus.
- **BBSS:** Shipment Vaisala, FedX 1Z0116950358944660, Repaired Ground Check Set, to SGP, 1 box.
- **Dataloggers:** Shipment SGP, 02Apr09, Fedx 797472002509, Data Loggers for repair, to Campbell, 1 box.
- **MMCR:** Shipment Manus, 05Dec08, Fedx 797367873100 (from Global Logistics), MMCR TWTA, from Manus, 1 box. SGP rec'd 03Mar09.
- **MMCR, MPL:** Shipment Darwin, 17Feb09, DHL 1601364446/FedX 7962 2106 5577, Darwin MPL s/n 101, Darwin Laser Pump Diode, Manus MPL Power Supply, Manus MPL Laser Diode, MMCR RF Amplifier (LNA) s/n 7G19(repair and send to SGP for ARM spare), to SGP for repair, 3 boxes. SGP rec'd 03Mar09.
- **MMCR:** Shipment SGP, 11Mar09, Fedx 796417346274, MMCR RF Amplifier, to K. Widener at PNNL, 1 box.
- **MMCR:** Shipment SGP, 08Apr09, Fedx 796497954633, MMCR TWTA, to Applied Systems Engineering, 1 box.
- **MPL:** Shipment SGP, 12Mar09, FedX 797405641034, MPL Pump Diodes (2 F2's and 2 F6's), to Sigma Space (Savy Mathur).
- **MPL:** Shipment SGP, 13Mar09, FedX 796427574215, MPL 101, to Sigma Space (Savy Mathur) for repair, 2 boxes.
- **NIP:** Shipment Darwin, 02Jan09, DHL 1601364461, NIP to SGP, 1 box. Arrived SGP 09Mar09.
- **NIP:** Shipment SGP, 25Mar09, Fedx 797447561706, NIP to Eppley for repair, 1 box.
- **ORG:** Shipment SGP, 07Apr09, Fedx 797484477707, ORG to Optical Scientific for repair/cal, 1 box.
- **TRH, Barometers, Radiosondes:** Shipment SGP, 02Apr09, Fedx 796483882174 TRH Probes, Barometers, and Radiosondes, to Vaisala, 2 boxes.
- **TSI:** Shipment Darwin, 23Oct08, DHL 3433451350, TSI TT control board, to SGP for repair, 1 box. Rec'd SGP 03Nov08.
- **TRH:** Shipment SGP, 29Jan09, FedX 797293974891, 3 HMP45(Manus) and 1 HMP75(Manus) TRH Sensors, for Calibration, to Vaisala, 1 box. Rec'd back at SGP on 24Feb09. Need to determine where these will be shipped.

Next Teleconference Call on 12May09.