

**Radiosonde Replacement System (RRS)
Radiosonde Workstation Software (RWS) Build 2 System Test
Test Readiness review (TRR) Meeting
December 2, 2009**

ATTENDEES:

NWS:

Field Sites:

Newport, NC (MHX)	Geary Wills
Shreveport, LA (SHV)	Aaron Stevens
Springfield, MO (SGF)	Larry Dooley, Gerry Claycomb
Reno, NV (REV)	Jessica Kielhorn
Lincoln, IL (ILX)	Dan Kelly

NWS Regional Headquarters:

Larry Hubble – AR42	Harold Knocke – WR421
---------------------	-----------------------

National Specialized Centers:

Stuart Hinson – NCDC (CC21)	Bradley Ballish – NCEP (NP11)
-----------------------------	-------------------------------

National Weather Service Headquarters:

Aaron Poyer – OPS24 (ST Test Director)	Jae Lee – OPS24
Harry Tran – OPS24	Sergio Marsh – OS7
Carl Bower – OPS22	Jim McNitt – OPS22
Ashby Hawse – OPS22	Richard Thomas – OPS23
Claudina Castro – OPS23	Eddie Roberts – OPS23
Kevin Kay – OPS23	Darren Dobkin – OPS23
Ming Liu – OPS23	Wayne Martin – OPS21
Ivan Navarro – OPS11	Nick Schmid – OPS11
Ken Clark – OPS12	John Uhlman – OPS12

I. The Test Readiness Review meeting (TRR) for Radiosonde Replacement System (RRS) Radiosonde Workstation Software (RWS) Build 2 System Test was held by audio conference call on Wednesday, December 2, 2009. Jae Lee, Test and Evaluation Branch Chief (Acting) and Aaron Poyer, ST Director, convened the meeting with a “roll call” (See above list of attendees).

II. Jae discussed the ST System certification Checklist, ST Plan Appendix F, the following items are the summary from the meeting:

- **Section 1, Hardware:** Ivan Navarro and Nick Schmid noted that there is no way to verify sanctity of the information passed from the SPS, and therefore they will verify that the data is being transmitted during the certification. OPS11 will complete the full hardware, PDB, and workstation checkouts on

Thursday, 12/3/2009. Claudina Castro will complete the workstation checkouts at WSH on Thursday, 12/2/2009. Ashby Hawse verified the availability of radiosondes at the Sterling Field Support Center (SFSC) One box of Radiosonde has been reserved for the ST.

- Section 1, NOAA/Active Directory: For the SFSC facility, Ashby hawse stated that all proper documentation and RCs have been submitted and that SFSC has the physical connection in place and is awaiting the IP address and domain connection for RRS System 7.

For the WSH system in 6240, Rich Thomas and Claudina Castro informed the NOAA/Active Directory is connected and functioning for the WSH System 6240. Rich noted that under the configuration at WSH, a batch file will need to be manually executed to set up the McAfee Virus Scan to use the NOAA/Active Directory server, which differs from the field where this will be an automatic setup when the workstation is added to the domain.

OPS24 informed the group that the ST will start with NOAA/Active Directory setup at WSH only. The ST will start with non NOAA/Active Directory connection at SFSC using RRS System 7. However, RRS System 7 will be reconfigured for the NOAA/Active Directory when this connection becomes available. The NOAA/Active Directory item on the checklist has to be waived by Joseph Facundo.

Jim McNitt confirmed that a System Vulnerability Scan had been performed with NO high vulnerabilities.

Carl Bower confirmed that the Benchmarks have been completed with one under investigation; however it has little to no impact on moving ahead with the ST.

- Section 2, Software: Rich Thomas delivered the copies of the Ghost CD (V1.08) and the RWS CD (V2.09.0) as well as the RWS Release Notes.
- Section 3, Documentation: Jim McNitt verified the approval of the RC. Rich Thomas completed the Version Description Document, now entitled Release Notes, and provided them previously with the CDs. John Uhlman submitted the EHB-9-730 and informed that a pre-release of the Software Note 10 will be out shortly. Nick Schmid stated that the User's Guide has been delivered to OPS24 already, and it is sufficient for the ST with minor updates to follow.
- Bradley Ballish volunteered to verify the setup for the THANKS page and other aspects of the NCEP connections and communications.

III. Rich Thomas, Chief OPS23, gave a quick rundown of the major changes and advancements of Build 2 over the existing Build 1.2. This included a description of the architecture change to C#.net and the use of MS SQL Express 2008. In addition some stressed point for users were the new plot functionality and the automated NCDC transfer by the archive utility. Other changes include

- ability to be run under Active Directory (NOAAnet) and the use of domain accounts, local accounts still functioning as current for all stand-alone systems (non-NOAAnet).
- use of 1-second GPS winds in meteorological calculations and adjustments to other calculation processes.
- A redone and “smoother” user interface as well as more detail hardware and status displays and the inclusion of pertinent in-flight info on the toolbar without the need for opening status windows in-flight.

IV. The need for a known deployment schedule of NOAAnet and potential impacts on the use of the software at potential future OT&E sites was touched on.

V. Jim McNitt asked that all test team members to read and sign a standard NOAA behavior form for IT System use. Jim will provide the form to OPS24.

VI. Rich Thomas and Kevin Kay, OPS23, confirmed that there were no outstanding Impact 1 Priority 1 or Impact 2 Priority 1 Software Incident Reports (SIR) outstanding as of the TRR.

VII. Rich Thomas and Kevin Kay, OPS23, asked that all live flights at SFSC be captured with full-logs and that all logs be backed-up in instances of reinstallation of software. Rich recommended using the current RWS B2 Project on Testtrack Pro for documenting problems during the ST.

VIII. Aaron Poyer discussed the general test schedule and strategy. Based on a question by Larry Dooley (SGF), Aaron discussed the basic timeframe when field personnel support would be needed. Aaron stated that the starting dates for field personnel support is on the week of 1/25/2010 depending on successful Phase I testing through the beginning of January. Aaron further explained that the Phase I testing will begin with installation on the WSH system on 12/3, and installation on the SFSC system 7 on 12/4/09.

IX. Action Items:

AI #1: (POC: Ivan Navarro/Nick Schmid) - Complete the full hardware, PDB, and workstation system certification on Thursday, 12/3/2009

AI #2: (POC: Claudina Castro) - Complete the workstation checkouts at WSH on Thursday, 12/2/2009

AI #3: (POC: Ashby Hawse) – Notify OPS24 of NOAA/Active directory setup for the RRS System 7 by 12/11/09

AI #4: (POC: Kevin Kay) - Provide XDP CDs to OPS24 by 12/4/09

AI #5: (POC: John Uhlman) – Provide a draft RRS Software Note 10 to OPS24 by 12/4/09

AI #6: (POC: Aaron Poyer) – Complete the RRS System Certification Form and get a signature from Joseph Facundo

AI #7: (POC: Aaron Poyer) – Provide a confirm dates for field personnel support (tentatively setup to start on the week of 1/25/10); due date 12/31/09

The first Test Review Group meeting (TRG) will convene in Rm. 8246 at SSMC2 at 2pm EST on 12/09/2009, to go over the installations and any issues that may have arisen during initial testing. Please use the following information to dial into the meeting:

Telephone: 1-888-539-7320

Password: 1615944#