

ASR-11 Deployment Status Summary

ASR-11 Deployment Team

August 27, 2007



Federal Aviation
Administration



ASR-11 Deployment Status Meeting Agenda

August 27, 2007

<u>Time</u>	<u>Topic</u>	<u>Presenter</u>
10:00 - 10:10	Opening Statements & Attendance Roll	Anise Hill-Johnson
10:10 - 10:20	Deployment FY07 Milestones Summary	Roxanne Busby
10:20 - 10:40	Hot Topics	Anise Hill-Johnson
10:40 - 10:50	Risk Management Status	Roxanne Busby
10:50 - 11:00	FY07 ASR-11 Program Milestones	Roxanne Busby
11:00 - 11:15	ORT – IOC Status	Rob Bradley
11:15 - 11:30	ORT – SCR Status	Mike Gonzales
11:30 - 11:45	SRVT Brief	Mike Gonzales
11:45 - 12:00	Walk-ins Issues / Closing	Anise Hill-Johnson

Deployment Team Roster Tracking Status

<u>Names</u>	<u>Last 30 days</u>	<u>Last 90 days</u>	<u>Last 120 days</u>
Angeloti, Neil	67%	50%	63%
Bradford, Dwight	100%	100%	100%
Busby, Roxanne	100%	100%	100%
Evans, Bob	67%	50%	38%
Gonzales, Michael J.	100%	100%	75%
Lyons, Carl	100%	50%	38%
Lassiter, Shenearah	100%	100%	100%
Meiers, Mike	0%	0%	0%
Muhle, Shannon	100%	100%	88%
Noyce, Robert	100%	83%	88%
Chalot, Andrew	100%	50%	50%

Deployment Team Roster Tracking Status

<u>Names</u>	<u>Last 30 days</u>	<u>Last 90 days</u>	<u>Last 120 days</u>
Cassandra Leid	100%	50%	38%
Curtis McCloskey	100%	100%	100%
Isaac Coleman	100%	50%	38%
Robert Bradley	100%	50%	100%
David Glass	100%	50%	25%
Marvin Dalton	67%	33%	88%
Anise Hill-Johnson	100%	100%	100%
Steven Jarvis	100%	50%	25%
Michael Laboy	100%	N/A	N/A
Scott Endres	100%	N/A	N/A
Susan Barton	67%	N/A	N/A
Bill Reytar	0%	N/A	N/A
Fred Perry	100%	83%	88%
Jim Case	0%	N/A	N/A
Sys. Eng. (G. Blackman/ K. Keller)	67%	33%	25%
Qua. Assur. (C. Cole/R. Kaser)	100%	17%	25%
Raytheon (G. Austin)	100%	83%	100%
2nd Lev. Eng. (A. Cloud)	N/A	N/A	N/A

ASR-11 Deployment Team FY07 Milestones Summary

- **Current Milestones Status**
 - 87 of 104 Milestones Completed
 - **Total Milestones Summary**
 - *Achieve IOC: 14 of 16 completed
 - *Achieve ORD: 10 of 16 completed
 - *Complete CAI: 14 of 15 completed
 - *Complete Real Estate Acquisition: 4 of 6 completed
 - Complete Site Deactivation Survey: 8 of 10 completed
 - Complete Site Design: 8 of 9 completed
 - *Deliver System: 14 of 14 completed
 - Removal of Equipment: 10 of 11 completed
 - *Start Construction: 5 of 7 completed
- *Note – Removed Mobile, AL (IOC and ORD), Champaign, IL, Lexington, KY, and Little Rock, AR (IOC); Velvet Peak, CA (CAI); Peoria, IL, (Start Construction); Rockford, IL (Start Construction, Complete Real Estate Acquisition and Deliver System), Kahului (Deliver System) as FY07 milestones.

ASR-11 Deployment Team FY07 Milestones Summary

- **Milestones Targeted For this Month**

- Achieve ORD at 1 site: Macon, GA (MCN)
- Removal of Equipment at 3 sites: Pensacola, South, FL (PNS); Pensacola North, FL (NSE); Fargo, ND (FAR), (variance submitted to move date to September)
- Achieve IOC at 1 site: Youngstown, OH (YNG)
- Complete Real Estate at 1 site: Green Bay, WI (GRB)
- Complete Site Deactivation Survey at 1 site: Champaign, IL (CMI)
- Start Construction at 1 site: Moline, IL (MLI)

ASR-11 Deployment Team FY07 Milestones Summary

- **Milestones Targeted For Next Month**

- Achieve ORD at 3 sites: Myrtle Beach, SC (MYR) (request variance); Anchorage, AL (ANC) (request variance); Beaumont, TX (BPT) (request variance)
- Complete CAI at 1 site: Reading, PA (RDG)
- Complete Real Estate at 1 site: Peoria, IL (PIA)
- Complete Site Deactivation Survey at 2 sites: Saginaw, MI (MBS); Amarillo, TX (AMA)
- Complete Site Design at 1 site: Peoria, IL (PIA) (request variance)
- Deliver System at 1 site: College Station, TX (CLL)
- Start Construction at 1 site: Green Bay, WI (GRB)

ASR-11 Deployment Team

FY07 Milestones Variances Approved since 7/9/07

- **None**



ASR-11 Deployment Team

FY07 Milestones Variances in Process of Approval

Variance	Site	Type (Milestone or Goal)	Milestone Date adjust From	Recommend Milestone Date adjust to
Achieve ORD	Macon, GA	Goal	May-07	Aug-07
Achieve ORD	Myrtle Beach, SC	Goal	May-07	Sep-07
Achieve ORD	Anchorage, AL	Milestone	Sept – 07	Nov -07
Achieve ORD	Abilene, TX	Milestone	Apr-07	Nov – 07
Achieve ORD	Augusta, GA	Milestone	Jun -07	Oct -07
Achieve ORD	Beaumont, TX	Milestone	Jun-07	Nov-07
Removal of Equipment	Fargo, ND	Goal	Jul-07	Sep-07

Deployment Team Top 12 Hot Topics

1. **Complete Peoria's Real Estate Acquisition by September 2007 and all other Activities by March 2008**

POC: Dwight Bradford

Expected Closure Date: 3/30/08

Status: The following is a Raytheon concurred plan:

- Site Design Visit: 7/17/07
- Legal Description approved: 8/24/07
- Lease signed: 9/22/07
- FATD approved at 75%: 11/30/07
- SATP approval: 1/31/08
- Authority to Advertise: 3/15/08

2. **Define, Communicate and Implement the “New” IOC Process**

POC: Rob Bradley

Expected Closure Date: 8/31/07

Status: New IOC process has been officially approved and has been implemented in North Valley. Phase I and Phase II work packages have been distributed to the OSCs and they are being utilized at all new sites. Training has begun and will continue, with closure expected by 8/31/07.

Deployment Top 12 Hot Topics

3. **Ensure ATO-W FTI Program Office is installing Telco equipment that meets ASR-11 interior or exterior environmental requirements.**

POC: Rob Bradley / Jim Messimore

Expected Closure Date: 8/31/07

Status: FTI Program Office has provided additional documentation regarding environmental specifications . The ASR-11 program is evaluating these specifications and assessing the different installation options available for FTI telecommunications equipment to assure that the FTI equipment is installed in a suitable environment.

4. **Complete MRSM Location Assignment for Velvet Peak, CA (QVP)**

POC: Dwight Bradford

Expected Closure Date: 9/31/07

Status: WSA RECO has investigated identified locations. A land lease rate was approved by PMO. RECO is pursuing acquisition.

Deployment Team Top 12 Hot Topics

5. **Power ware 9390 w/EPO is not on NAS product list and requires NCP**

POC: Rob Bradley

Expected Closure Date: 10/31/07

Status: Obsolete Powerware 9315 UPS was replaced by Raytheon with 9390 UPS. The difference between the 9315 Powerware PCS UPS and 9390 PCS UPS is that the 9315 has a red emergency shutoff switch which was installed at the Powerware factory to allow local emergency shutoff of the 9315 UPS. For Powerware 9390 PCS UPS, this feature was not installed at the factory. However, in the Chapter Five of the 9390 Installation manual shows the installation of a physical emergency shutoff switch for the 9390. This switch allows a faster method of shutting off the UPS in the event of emergencies involving either fire or if personnel are hung up on the unit due to electrical shock. The local SSC Office believes that a physical emergency shutoff switch should be installed on the 9390 PCS UPS prior to our going into IOC. Per D. Jennings on 8/21, Bob Caron (Raytheon) generated an IR and will lead EPO installation within 3 weeks (projected completion by 9/17). D. Jennings will issue Local Emergency NCP to process the change.

Deployment Top 12 Hot Topics

6. Complete all Acquisition and Engineering activities by November 2007

POC: Dwight Bradford

Expected Closure Date: 3/30/08

Status: All FATDs complete except Peoria which is a new design. 8 SATP's remain to be finalized. Green Bay and Peoria are the remaining revisits and will be accomplished once real estate is acquired. Moline, Green Bay, and Peoria remain to be advertised.

Plan to move forward:

Peoria, IL – Moving to On-Airport Site 3. Site Design Survey was completed on July 18. Authority to Advertise is scheduled for 3/15/08.

Moline, IL – 7460-1 was resubmitted on June 6 with approval anticipated. The review and comments period should be complete by October 2007.

Green Bay, WI – Central Service Area mailed the condemnation package to DOJ on 6/13/07. Currently monitoring the status of the DOJ signature.

Deployment Team Top 12 Hot Topics

7. **Identify Root Cause of LVA Ladder Functional Issues and develop a preventative measure process**

POC: Carl Lyons / Raytheon – Glenn Austin

Expected Closure Date: 10/30/07

Status: The root cause has been identified as a manufacturing tolerance issue with the ladder frame tubing on the antenna in addition to interference of bolts. Raytheon has removed some Teflon guide pads to allow some clearance for movement. As a preventative measure, the ladder slide will be checked at FCI and the Radar Tech will continue to check LVA Ladder functionality during SAT. An IR# 1197 has been issued. This retrofit plan and closure activity will follow the IR process. SDL and LIT will need repair before IOC and before 10/30/07. Raytheon will install thinner teflon pads on slider mechanism for these two site. Raytheon has been tasked to develop Action Plan to resolve issue.

8. **Ensure the root cause of the Engine Generated Automated Transfer Switch (ATS) is found and corrected**

POC: Carl Lyons

Expected Closure Date: 11/30/07

Status: Received Kohler documentation 8/14/07. After the IR Board's review in 11/07 this can be closed.

Deployment Top 12 Hot Topics

9. **Coordinate Pre-Construction Meetings for the Remaining Sites**

POC: Anise Hill-Johnson

Expected Closure Date: 3/30/08

Status: Allentown, Wilkes-Barres and Sioux Falls pre-construction meetings have been conducted. For Peoria, Moline, Kahului, Green Bay and Melbourne, the scheduling of the pre-construction meeting is pending the completion of the acquisition and engineering activities.

10. **Evaluate Need for CM Process in Locating Telco Equipment**

POC: Roulston/Cole

Expected Closure Date: 11/30/07

Status: Telco equipment can be mounted inside the ASR-11 CMU in the SIU cabinet if an SIU exists. However, the CM process needs to evaluate:

- The extreme climates that the telco equipment is subjected to when mounted outside is a risk to the reliability of the telco equipment.
- If no SIU cabinet exists then the telco equipment can be mounted on the inside wall across from the MSSR cabinets if the service area safety specialist approves this location by an email message.

Deployment Top 12 Hot Topics

11. Incorporate EVM into the Deployment Team's Execution process

POC: Roxanne Busby

Expected Closure Date: 8/31/07

Status: R. Busby and D. Ovenshire have had initial meetings to review cost data. R. Busby has attend training class.

12. Request for Telco Diversity at Monterey, CA

POC: Rob Bradley

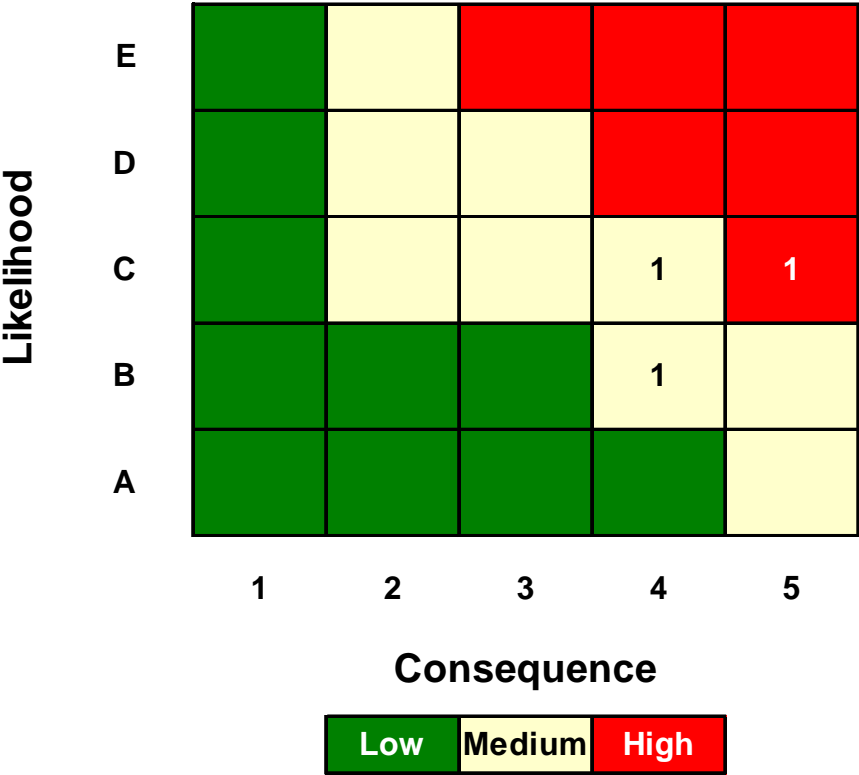
Expected Closure Date: 9/30/07

Status: NCT must produce a business case requesting physical diversity to kickoff any discussions regarding an alternate Telco path, even though there is an alternate path with the existing ASR-8. The ASR-11 program reiterated this requirement on 8/5/07 and has scheduled a follow up telecon on 8/16/07 to assure the ASR-11 program position is understood by the service area. Additional follow up telecons will be scheduled as required. Should there still be issues that could delay IOC at Monterey, schedule site visit as appropriate.

ASR-11 Program Risks Status

1 Total Risk: 1 Medium
Next Risk Board: 13 August

Risk Summary



Medium Risks:

•IMP35: If condemnation is chosen as the only alternative to procure real estate for a preferred ASR-11 site, then the Authority to Advertise and the DD-250 milestones may be missed and excessive court costs may exceed the program baseline. (C, 4) *[schedule risk reducing; cost still unknown]*

Source: ASR-11 Risk Database
[Risk Trend](#)
[Risk Trend by Functional Area](#)

KEY:
IMP = Implementation
PM = Program Management
SE = Systems Engineering

*Sector risk candidate



Risk Mitigation Plan Summary (Cont'd)

Risk Statement	Current Risk Level	Previous Month Risk Level	Mitigation Plan Actions	Action Date
IMP35: If condemnation is chosen as the only alternative to procure real estate for a preferred ASR-11 site, then the Authority to Advertise and the DD-250 milestones may be missed and excessive court costs may exceed the program baseline.	Medium (C, 4)	Medium (C, 4)	<p>Mitigation Action 1: Identify current sites with potential for condemnations, and thus where cost and schedule may be at risk.</p> <p>Mitigation Action 2: Determine if there are alternative sites in site survey report. Present alternative sites to AT & AF for concurrence.</p> <p>Mitigation Action 3: Determine if condemnation will be the last resort at each site, or if collocating with existing ASR is also investigated; determine other possible solutions.</p> <p>Mitigation Action 4: Using past experience, project cost & schedule changes; submit variances to accommodate new data.</p> <p>Mitigation Action 5: Monitor condemnation action, if any, to determine additional costs.</p>	<p>Mitigation Action 1: 31 Jul 06 Status: COMPLETE; sites identified – Rockford, IL (RFD), Green Bay, WI (GRB); possibly Wilkes Barre, PA (AVP), and Allentown, PA (ABE). <i>New site identified – Peoria, IL (PIA).</i></p> <p>Mitigation Action 2: 30 Sep 06 Status: COMPLETE Alternative sites at AVP & ABE identified; deployment begun. Alternative sites listed in site survey reports for RFD & GRB are off airport. Need to determine if ROE can be obtained & if sites are acceptable to Pgm. Off., AT, and AF. After reviewing minutes from Preferred Site Selection telecon, an alternative site was identified at PIA (Site 3). Currently investigating this site.</p> <p>Mitigation Action 3: 12 Jan 07 Status: CLOSED The condemnation alternative has been chosen for GRB and RFD. Closure date: 26 Jan 07. Open for PIA.</p> <p>Mitigation Action 4: 30 Apr 07 Status: COMPLETE</p> <p>Mitigation Action 5: 30 Aug 07 Status: GRB Condemnation pkg. sent to DOJ on 13 June; awaiting further information.</p> <p style="text-align: right;">POC: D. Bradford</p>

Source: ASR-11 Risk Database 7/9/07 RMB

ASR-11 Deployment Status

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ASR-11 Deployment Telcon IOC Status

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FY 2007 Near Term IOC Status

- **Youngstown TBD**
- **Saginaw 9/13/07**
- **LIT October 2007**
- **North Valley October 2007**
- **Mobile November 2007**



Youngstown

- **Flight Check 8/2-3**
- **AT (Barry Jeffries) decided not to go IOC on 8/9 as scheduled because of coverage issues**
- Nelson Barber working with Barry Jefferies & Daryl Stinson to address coverage issues POST - IOC (8/23)
- **Coverage issues attributed to screening from trees**
 - The 910th Air Wing appears to amenable to working with the FAA about the tree issue
 - Civil Air Patrol to contact Daryl Stinson to arrange a good time to fly grid patterns in an area we designate to determine the exact areas of decreased coverage due to the screening
 - YNG will have to ensure that Anita and/or Andy is available to monitor the ASR-11 scope to get a better idea of where the coverage decreases and at what altitudes and headings;
 - Need to ensure that the ASR-11 records the data for Tim and Bob to do their engineering analysis so we can identify which trees are most likely causing the worst of the problem;
 - Need to ensure the ASR-11 scope is working again. I don't know when the problem started, but Andy noticed on Tuesday that there is no longer ASR-11 data on the scope, only the ASR-8 ARTS information. No maps, no primaries, no beacons.



Saginaw

- **Schedule**

- PMs week of 8/6
- Dry Run Cutover 8/14-15
- SO Cord Mod 8/22-23
- Flight Check 9/6-7
- Frequency change out and testing 9/12 (McGregor Scott)
- IOC 9/13
- Potential exists for required WX re-optimization post IOC



Little Rock

- Work Package Status
 - Phase I Draft Report complete
- Flight Check September 25-26 (Andy 8/24)
- **Require 2/4 additional STARS NUNIOs to test LAN A & LAN B**
- PTR Status
 - LVA Ladder
- FTR Status
 - Raytheon on-site addressing FTRs week of 8/20
 - Status to be provided during construction telcon 8/28
- SRVT Completes 8/24/07 (39 issues)
 - No external FAA COMM markers
 - Extra fiber missing in CMU and TRACON
 - Day tank is wired incorrectly
 - Reverse fuel pump and overfill inoperable

North Valley

- **Work Package Status**
 - Phase I draft report submitted; update to include SRVT data
- **WX Optimization postponed until after the monsoon season**
- **MOV Mod scheduled for week of 8/27**
- **Flight Check weekend of October 6th and 7th**



North Valley (continued)

- Punch List Status Update
 - Ronan fuel probe installed with matching software
 - LVA ladder moveable following lubrication; SSC willing to wait for results of IR and FY08 solution
- **SRVT Update**
 - 28 issues found
 - Only major issue not already known is the grounding. Denise has received direction from the WSA that this is not an issue
- 9390 Powerware replacement for obsolete 9315 NCP
 - Paul Wasielewski (405-954-9204) has provided Rich Kinder (405-954-9591) as a resource to aid you in the development of the NCP for the 9390 UPS
 - Physical EPO not yet installed; update at Construction telcon 8/28

Mobile

- Schedule Update
 - Phase I on schedule for 9/14 completion
 - SRVT Schedule Update: Fred Perry



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ASR-11: Deployment ORT

SCR Status

August 27, 2007

Presented to: ASR-11 Deployment Team
By: Michael Gonzales



Abilene

- ORD not possible for FY07
 - Variance submitted (8/14)
 - Rescheduled for November 2007
 - ORD dependant on resolving radar coverage problem.
- Radar Coverage Problems
 - Radar coverage dropping targets
 - Targets of Opportunity Flight Check completed and report available from Gil Mendoza (CSA Engineering Services)
 - Adjustments to the MSSR - Receiver and Large Aperture Antenna were made.
 - The Sensitivity Time Control Adjustments (STC) thresholds of the MSSR receivers were adjusted, which improved detection.
 - Where as, the Tilt on the MSSR Large Vertical Aperture (LVA) Antenna was also adjusted, which resulted in an increase of low altitude aircraft detection
 - **Other analysis was accomplished such as reviewing RAG Maps and investigating possible screening problems.**

Abilene cont'

- **AJW scheduled to arrive at ABI 10 September 2007 to conduct remaining work improvements:**
 - Improvements to the PSR Surveillance Approaches to both Abilene and Dyess Air Force Base:
 - Possible adjustments to the tilt or the high beam/low beam map
 - Possible changes to the Range Azimuth Gating (RAG) Maps Cells
 - Possible Adjustments to the Primary Surveillance Radar (PSR) STC threshold
 - Possible adjustments to the Constant False Alarm Rate (CFAR) threshold
 - Other Improvements:
 - Eliminate as much as possible the automobile traffic tracking on roads in the area.
 - Also, eliminate as much as possible Wind Turbines that are breaking through as low level weather targets.
- **ABI ATC will require a period of time (1-2 weeks) following resolution**
 - Justin to advise on progress

Beaumont

- ORD not possible for FY07.
 - Variance submitted (8/14) Removed from FY07 list
 - ORD scheduled for 15 November 2007
 - ORD determined when STARS installed and local ATC completes hands on time with the ASR-11 System
 - Currently BPT ATC is using ASR-7 and will not have use of the ASR-11 system until STARS has been installed and usable
 - STARS feed to Beaumont expected 26 September 2007 (Tracy Storm 8/1 CSA telecon).
 - Upon completion of the STARS system installation the BPT ATC will require 30-45 days hands on use with the ASR-11 system before Commissioning.
 - BPT locals initiated and PO approved “Work Schedule Notice” that has BPT Commissioning date between 8/15 and 11/15.
 - Again, local BPT ATC will require 30-45 days hands on use with the ASR-11 system after the STARS 9/26 installation. BPT ORD/Commission should occur on or before 15 November 2007 per local request.



Beaumont

- The BPT partial JAI was accomplished 12 March 2007
 - 9 issues were identified on the JAI website
 - Site cleanup will be accomplished under old JAI process. Cleanup will occur after (possible final) JAI or Commissioning.
 - BPT requires a Flight Check (FC) for the Surveillance Approaches, GTM and APM. FC Tentatively scheduled during the end of September
 - SSC requests Final JAI before commissioning, new issues found.

Macon

- ORD not possible for FY07
 - Variance submitted (8/17)
 - Rescheduled for October 2007
 - ORD date dependent on A-80 (Atlanta Large TRACON) confidence towards final resolution
- Communications failure to A-80 on 7/19/07
 - Macon experienced a communications failure when a repeater between the site and LEC suffered a power outage. This outage caused the system to go down.
 - Larry King FAA Region to provide A-80 information from Bell South on confirmation that all repeaters along the Macon to A-80 communications link are on back up battery power and all are in working order. A-80 to respond.
- Telco Box Issue
 - Existing Telco boxes at Macon require retrofit with a larger Telco box to accommodate router and modem.
 - Project to complete removal and installation should take about three weeks, however this estimate could extend beyond three weeks depending on whether lead time is necessary for the Telco box delivery or other delays. Pending news of the delivery time, the completion of the installation is tentatively scheduled for 14 September 2007.
 - Wade Ash, ANI to accomplish work

Macon cont'

- SRVT status
 - As-built drawing issue should be closed soon
- JAI
 - JAI postponed until Communication Link and Telco Issue resolved

Anchorage

- ORD not possible for FY07.
 - Variance submitted (8/20)
 - Rescheduled for November 2007
 - ORD dependent on resolving coverage issues and other activities
- Radar Coverage Issues
 - Anchorage (ANC) ATC Manager to provide report documenting the AT issues for Merrill Field Tower, Elmendorf Tower, and the ANC TRACON.
 - Merrill Field Tower has documented coverage issues over the Anchorage bowl
 - ANC TRACON has documented false weather issues over the mountains
 - Possible weather re-optimization

Anchorage cont'

- Other Activities working
 - Accomplish JAI and document Merrill Field and Elmendorf coverage concerns
 - Certification of 2nd technician
 - Purchase additional A/B items
 - Waiting on “as-built” drawings, a fiber test report and UPS batteries from Raytheon
 - Investigate and resolve alarm on the UPS.

Myrtle Beach

- ORD not possible for FY07.
 - Variance submitted (8/14)
 - Rescheduled for October 2007
 - ORD dependent on resolving WX issue
- Weather Display Problem
 - MYR experiencing weather display problems. Display showing no weather and no targets in NE quadrant. Blank between 10 and 90 degrees
 - Discrepancy identified in the System Control and Data Interface (SCDI) files
 - New files (patch) were loaded, however ATC reports that during heavy weather this resolution did not fix the problem and the weather problem still remains. Follow up by Systems Engineering revealed that new files were not loaded correctly. SE corrected problem and locals awaiting heavy weather to determine if resolution works
 - Bill Price, FAA Southern Region recommends a Weather re-optimization, however this may not fix the problem. Mike Gonzales to talk with Bill Price on SE resolution second attempt.

Myrtle Beach cont'

- AJW while reloading the Wx RAG map found a discrepancy with the adaptations. They found that the adaptations were not recompiled. This over site was corrected and should resolve the weather display problem, however Local AT requires heavy weather to determine if this resolution will eliminate the display problem.
- SSC will provide updates
- SRVT punch list update – Fred
 - Minor corrosion (2) Circuit Breaker label & TRACON label remain
 - Tree cutting issues (Dwight Bradford)
- JAI
 - Upon completion of the weather display issue, SCR to meet with Will Houlberg and Gary Ward on scheduling the MYR JAI

Augusta

- ORD scheduled for September 2007
- Weather Re-Optimization
 - Weather Re-optimization scheduled for 28 August 2007. 1 day process
- SRVT Punch List Completed (exception drawings)
- JAI
 - SCR to meet with Will Houlberg and John Rodriguez on scheduling the AUG JAI

Post Commissioning Activities

- 34 Sites Commissioned into the NAS
 - 11 Sites all issues closed out on the JAI website
 - 5 sites ANI/AJW issues only
 - 6 Sites ANI or locals agree to close out issues with PO funding
 - 1 Site locals will close out issues in month of September
 - 2 Sites - Site cleanup in progress at COS and PUB
 - 6 Sites PO working issues with locals and ANI
 - 2 Sites coordinating site cleanup visit in September
 - 1 Site newly commissioned
- 6 Sites awaiting ORD and Commission

ASR-11 Site Readiness Verification (SRV) Team

North Valley, AZ Site Visit Summary Presentation

Presented to: ASR-11 Deployment Team

By: Fred Perry

Last Update: August 23, 2007



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Watch List

- **A potential issue exists concerning the grounding of the Distribution Panels, TVSS boxes and the CB boxes. Cassandra Leid is preparing a write up for review with the PO and Raytheon.**

Introduction

- A site verification was performed at the North Valley, AZ ASR-11 site from August 13 – August 17, 2007
- Site verification consists of various checklists with the goal of eliminating or greatly reducing exceptions documented during JAI
- Items captured, action plans, and responsible parties, along with applicable photos are detailed in the full report
- Denise Jennings is the TOR. Cassius Brookshire is overseeing the OSC Three Phase Process.
- Important Dates:
 - Flight Check 10-06-2007
 - IOC Immediately after successful flight check

SRVT Participants

- **Fred Perry** **Lead**
- **Dan Bennett** **IOC**
- **Cassandra Leid** **Construction**
- **Don Eastman** **Raytheon**
- **Steve Shelton** **Raytheon**



North Valley, AZ Site Description

- Off airport, 67 ft tower
- Telco, gravel access road, 160 x 160 fenced area
- TRACON: PHX



Executive Summary

- **The Site Readiness Verification Team captured 28 exceptions during the North Valley, AZ site visit**
 - 26 Construction/Installation Requirements
 - Fuel leak in detection box
 - Touch up paint needed on tower
 - White ties used on the tower
 - Open PSSEL items
 - All items being addressed
 - 1 JAI Section E Logistics Support Requirement
 - Equipment Warranties
 - Warranties are on site, but not in one warranty book. TOR will assemble warranty book.

Checklists Performed

- **Site Checklist**
- **E/G Checklist**
- **Tower Checklist**
- **TRACON Checklist**
- **CMU Checklist**



Photos of Select Exception Items

