

**Update
For the
ASOS Thin Client
OID/VDU Replacement**

Presented to the
ASOS Test Review Board

NWS/OPS24

February 5, 2009



OUTLINE

- Purpose
- Why was ST and OT&E delayed?
- New VDU vendor
- Test Strategy: New testing required
- Tentative Schedule



OT&E PURPOSE

Validate:

- Suitability of the thin client OI and VDU at operational ASOS sites: NWS, FAA, DoD
- proper integration into the NWS logistics and repair system
- Ease of installation
- Use into service operations



Why was ST and OT&E Delayed?

- NWS had issues with VDU Vendors (Vision technologies) inability to deliver first article thin client VDU's.
- Contract cancelled in January 2009



New VDU Vendor

- NWS will award VDU thin client contract to AXEL (vendor for OID)
- Contract order for 72 VDU's
- OPS12 finalizing logistics for shipment to NLSC
- LCDs and keyboards are in stock
- OPS12 is revising Mod Note 90 and 91
- CO needs to issue a formal delivery order

Test Strategy: New testing required

- NWS sends AXEL configuration setup requirements for the VDU.
- First Article delivery from AXEL to OPS12 tested by OPS12 and OPS24 at SFSC.
- ST at SFSC and other sites
- OT&E at operational sites



Tentative Schedule

- Early Spring 2009 first article delivery of VDU to OPS12 and testing at SFSC
- ST Spring 2009
- OT&E Spring 2009



OT&E Schedule

- Will Run for Two Weeks after installation (NWS ET's) is complete at all sites
- If OT&E is successful: Thin clients will remain in place following the conclusion of the OT&E
- If OT&E is successful: The NWS ET's will be instructed to ship the old OID's/VDU's back to NLSC



OT&E OID Sites

Site	OID #	ACU Port	Modem Local	Connection	Location
ABE	OID-1	3-4	Local	Hardwire	Observer
ACY	OID-1	6-2	Mod 3	Leased line	Observer
IAD	OID-1	3-4	Local	Hardwire	Tower
IND	OID-1	3-4	Local	Hardwire 200FT CAT5	Tower
IND	OID-6	5-4	Hardwire	FTI	WFO
ORD	OID-2	6-2	Local	FTI	Tower
HSV	OID-2	5-2	Hardwire	FTI	Tower
MSO	OID-7	6-1	Local	FTI	Tower

OT&E VDU Sites

Site	VDU#	ACU Port	Modem Local	Connection	Location
ABE	VDU-1	6-2	Local	Hardwire	TRACON
IND	VDU-1	5-3	Local	Hardwire 200FT	Observer
ORD	VDU-1	4-1	Mod 1	Leased line	WFO
RAP	VDU-2	4-3	Mod 7	Hardwire	Ellsworth AFB RAC
FAY	VDU-1	5-3	Local	FTI	TRACON
BOI	VDU-1	4-3	Hardwire	FTI	WFO
BOI	VDU-3	5-1	Hardwire	FTI	TRACON