## RADIO TOWER TEST PLANS

## 1. DEVICE NAMING COORDINATION

- 1.1. The System Integrator shall coordinate with the TMC/ROC to identify the device names for each device.
- 1.2. The System Integrator shall then send a request to TOTS to identify the network name, IP address, and any pertinent configuration information.

## 2. EXPLANATION – STANDALONE (SALT) TESTING

- 2.1. The System Integrator shall work with the DEVICE VENDOR (if required by the testing form) and complete the NDOT specified SALT tests (non-network) on each unit of equipment after installation.
- 2.2. Conduct SALT testing on each unit of equipment as outlined on the NDOT provided testing form.
- 2.3. The System Integrator shall coordinate through the Resident Engineer and the Construction Crew to have an appropriate NDOT representative present for the onsite inspection.
- 2.4. The System Integrator shall submit the DEVICE vendor commissioning documents with the SALT testing to the Engineer for review and approval.
- 2.5. Supply a bucket truck and operator, or suitable equivalent equipment necessary to carry out procedures as required by the testing documents, at no direct payment.

## **RADIO TOWER SALT PROCEDURE**

TEST#	SALT TEST PROCEDURE			EXPECTED RI	PASS / FAIL	
Radio Towo	er Name:		IP Address	:	GPS:	-1
TOTS Network Name: Asso			Associated	Cabinet Name:	·	
Purpose ar	nd General Ve	rification				
integrator the integra	will use necess tor will be able	SALT tests the proper construct sary equipment to perform this t e to verify the Radio Tower is fu	est. Using t ully furnishe	the manufacture's gui ed and operable.	idelines and othe	r reference material,
appropriat		or each test below, complete the dicate a "Pass" on this form if l.				
Radio Tow	er Information	n				
1.	Verify proper documentation from the regulating authorities for the proposed site has been received.  For example:			er documentation has propriate NDOT pers		
	Mar • Plan juris • Stan	Forest Service or Bureau of Lar nagement nning commission (local sdiction) mped structural plan sets (tower foundation)				Pass / Fail
Structure	Verification					
2.	Verify Radio Tower meets internal and external dimensions and features.		exter	o Tower meets specificated on the plans.	Pass / Fail	
3.	Verify all labeling is accurate and conforms to the current NDOT Std. Plan.			abeling conforms to the T Std. Plan.	Pass / Fail	
4.	Using a meter, verify the building is properly bonded to earth ground.		y Mete	r reading of 5 Ohms	Pass / Fail	
5.	Verify building is bonded to external ground system.		Build syste	ling is bonded to extem.	Pass / Fail	
6.	Verify all exothermic weld bonds are properly welded.			hermic weld bonds ar er adhesion.	Pass / Fail	
7.	Verify the installation of bolts in the required and expected locations.			are installed in the p	Pass / Fail	
8.	Verify all bolts are torqued to manufacturer's recommendations.			olts are torqued to manumendations.	Pass / Fail	
Equipment	t Verification		l			

TEST #	‡ SALT T	TEST PROCEDURE		EXPECTED RESU	PASS / FAIL		
9.	equipment which	ation of safety climb includes but is not limited to ble, safety climb cage, and er.	The safety climb equipment, as specified in the plans, is installed and is functionally safe for use.			Pass / Fail	
10.	Verify the addition the plans are mou	onal ordered items specified in inted correctly.	The additional ordered items are mounted correctly.			Pass / Fail	
11.	Verify the addition the plans are fund	onal ordered items specified in etional.	The additional ordered items are functional.			Pass / Fail	
Signatur	res						
DATE	AGENCY/FIRM	PERFORMED BY (Print Name) (Integrator)	TATEL A CIENTOS/ETDA/		WITNESSE (Print Name)	TATES	
Integrat	tor Signature						
NDOT Signature							

- 3. **EXPLANATION SUBSYSTEM (SST) TESTING** 
  - 3.1. \*\*\*DOES NOT APPLY TO THIS SYSTEM AS IT DOES NOT CONNECT INTO THE NETWORK OR BACK TO THE TMC/ROC\*\*\*