



# Unmanned Transmitter Stations and Equipment

# Unmanned Transmitter Station with Omni Antenna



# HF Equipment Racks



# Switch Over Unit



# Intelligent System for Automatic Control Communications (ISAAC)

Logged In - ISACC - FL2

System Inputs Outputs Phone C Programming Real Time Data Logging Text Mode

Load Screen Download Show Alarms Graph Status For 06/03/2005 4:33:23 PM

### Intelligent System for Automatic Control and Communication

Input Name	Value	Status	Minimum	Maximum	Graph
Outside Door Tel	0	OK	0	0	Graph 01
Inside Door MAIN	0	OK	0	0	Graph 02
Temp Outside	74	OK	33	108	Graph 03
Temp Telco Room	75	OK	54	91	Graph 04
Temp Main Room	81	OK	61	90	Graph 05
AC Exhaust Top	81	OK	38	92	Graph 06
AC Exhaust Lower	57	OK	46	90	Graph 07
ISACC AC Power	110	OK	0	110	Graph 08
Bldg AC Power	1	OK	1	1	Graph 09
UPS Low Battery	1	OK	1	1	Graph 10
PRI REC Level	-4988	OK	-5000	924	Graph 11
SEC REC Level	-4988	OK	-5000	854	Graph 12
	1	OK	1	1	Graph 13
	-4988	OK	-5000	854	Graph 14
	-4988	OK	-5000	854	Graph 15
	1	OK	1	1	Graph 16

#### Output Name

Power Relay	State
Output #2	
Output #3	
Output #4	
Output #5	
Output #6	
Output #7	
Output #8	

#### On Board

Temp In F	92	
Temp In C	33	
Battery Voltage	21	
AC Power	On	





# Typical Mobile Equipment









Mobile / in vehicle



## **Mobiles Participating in the COTHEN Network**

Customs & Border Protection Air & Marine Platforms

United States Coast Guard

OPBAT/DEA, Bahamas

US Army Special Operations Airborne Regiment

Army Corp of Engineers

US Marshalls Service

Department of Human Health & Services

FEMA Net

Shares Emergency Net

Department of Homeland Security



# CUSTOMS Over The Horizon Enforcement Network



## ADDITIONAL INFORMATION:

**Jim Coffman**  
1900 Lakemont Ave  
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- 800-829-6336 (7 days x 24 hrs)
- OR
- 407-975-1990 Office



C O T H E N

CUSTOMS and BORDER PROTECTION Over The Horizon  
Enforcement Network  
COTHEN



NETWORK ARCHITECTURE OVERVIEW