

-----**Counter-Drug/Law Enforcement/Homeland Security HF ALE** -----
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This list contains ALE address and frequency information for the COTHEN Net, TISCOM Net, FBI ALE Net, DEA PANTHER Net, and US Army South Flight Following Service (SKYWATCH) Net.

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-----**COTHEN and TISCOM ALE** -----

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COTHEN background info:

Source: U.S. Customs Today, March 2000 issue.

Back in 1984, the design for an ultra-sensitive U.S. Customs radio network was conceived. Code-named COTHEN, Customs Over The Horizon Enforcement Network, it combines a radio, computer, and a tactical voice privacy unit into a state-of-the-art communications system that meets the demanding requirements of Customs' tactical interdiction aircraft and boats in their fight against smuggling activities.

COTHEN's first fixed station transmitter near Memphis, Tenn., became operational in 1985. The Blue Lightning Operations Center was the first command office and its marine vessels were the first tactical platforms to have COTHEN radios. This initial deployment proved so successful that COTHEN grew to include all U.S. Customs aircraft.

High powered fixed station transmitters located across the United States are connected to Customs' Air, Marine, and Special Agent In Charge (SAIC) locations via dedicated telephone lines. Tactical interdiction platforms that are equipped with a COTHEN radio can place a call to any other platform or office in the network. Thanks to innovative technological advancements, a COTHEN radio is able to establish a link with another COTHEN radio thousands of miles away with no more difficulty than placing a phone call.

COTHEN has been instrumental in helping law enforcement agencies successfully complete a

number of missions. For instance, early last year off the coast of Puerto Rico, COTHEN played a primary role in impressive seizures of 1,169 kilos of cocaine, one boat, three smugglers, and 41 illegal aliens by making sure all the entities involved in the action remained in contact with each other.

COTHEN now provides communications support for more than 235 aircraft, marine interdiction vessels, command offices, and numerous allied agencies including the U.S. Coast Guard, Drug Enforcement Administration, Border Patrol, Army, Navy, and Joint Interagency Task Forces. COTHEN's Technical Service Center (TSC) provides real-time on-the-air support services and guarantees communications between users. The Telecommunications Specialists who operate the TSC have many innovative diagnostic tools used to ensure communications, including a telephone patch (TRICS), a platform tracking and location system (TRACS), and over-the-air-rekeying capabilities (DARK).

The COTHEN and TSC team, responsible for all program management and on-the-air technical support, is headquartered at the Communication Management Division's National Law Enforcement Communications Center in Orlando, Fla.

The June 2000 edition of US Customs Today stated that there were 15 remote transmitters in the COTHEN network.

In 2006 DHS COTHEN documents listed 21 remote transmitters in the network.

The FCC released the locations of the the COTHEN transmitters in an October 2004 document:

Site Name	Latitude	Longitude
Albuquerque, NM	35° 05' 02" N	105° 34' 23" W
Arecibo, PR	18° 17' 26" N	66° 22' 33" W
Atlanta, GA	32° 33' 06" N	84° 23' 35" W
Beaufort, NC	34° 34' 22" N	76° 09' 48" W
Cape Charles, VA	37° 05' 37" N	75° 58' 06" W
Cedar Rapids, IA	42° 00' 09" N	91° 17' 39" W
Denver, CO	39° 15' 45" N	103° 34' 23" W
Fort Myers, FL	81° 31' 20" N	26° 20' 01" W
Kansas City, MO	38° 22' 10" N	93° 21' 48" W
Las Vegas, NV	36° 21' 15" N	114° 17' 33" W
Lovelock, NV	40° 03' 07" N	118° 18' 56" W
Memphis, TN	34° 21' 57" N	90° 02' 43" W
Miami, FL	25° 46' 20" N	80° 28' 48" W
Morehead City, NC	34° 34' 50" N	78° 13' 59" W
Oklahoma City, OK	34° 30' 52" N	97° 30' 52" W
Orlando, FL	28° 31' 30" N	80° 48' 58" W
Reno, NV	38° 31' 12" N	119° 14' 37" W
Sarasota, FL	27° 12' 41" N	81° 31' 20" W
Wilmington, NC	34° 29' 24" N	78° 04' 31" W

Frequencies

Cothen Net

COTHEN Freqs: 5732, 7527, 8912, 10242, 11494, 13907, 15867, 18594, 20890, 23214, 25350
kHz USB

*note - 11494 kHz is also a USDA frequency which accounts for occasional USDA/Fedcom traffic

10-16-08 - CAMSLANT was logged using ALE in comms with an HH-60 on 20662 kHz.

Panther Net

DEA PANTHER Net Freqs: (Old) 4991, 5912, 6855, 7657, 8983, 9306, 9497, 11202, 12138,
14350, 15953.5 kHz USB

Since then they have appeared on 4995, 5781, 6721, 7808, 8965, 9972, 10683, 11175, 13200 as
well as COTHEN.

*note - activity on PANTHER net appears to have been discontinued.

Tiscom Net

Telecommunications & Information Systems Command (TISCOM) Freqs: 3053, 4730, 6709,
8057, 8859, 8980, 9034, 11196, 13221, 15082, 17988, 20135.5, 23072.5. TISCOM is used by
USCG aircraft, cutters, and shore stations primarily in Districts 13 & 17.

District 1 NVIS Antenna Tests

District 1 test net: 2103.5, 3056, 4900.6, 6742, 7791.6, 10538.6, 13494.6, 15088, 17991, 20328.6
kHz USB

Unnamed District 7 Cutter Net

4900.6, 6709, 6742, 7791.6, 8337.6, 8339, 9034, 10993.6, 13221 kHz USB

A previous cutter net noted in the District 7 OPBAT area included: 5912, 6750, 7793, 9038.4

ALE Idents

The following idents appear on COTHEN, TISCOM and PANTHER nets.

Format: ALE address, user, id if known, stations worked, date first logged, date last logged

014FEM FEMA Station WGY9014 w/TSC 12-7-06, 7-10-07
019FEM FEMA Station WGY9019 w/AL4 11-30-06
034FEM FEMA Station WGY9034, South Carolina w/FC4, TSC 12-7-06

05Z Unknown w/LNT, NOJ, OPB, PAC, TSC 3-27-07, 3-29-07

07P Unknown w/JOR 1-4-08
07M Unknown w/VES 1-5-08

14N CBP CESSNA 550 #N4614N, Davis Monthan AFB, voice call "OMAHA 14N" w/CNT 7-29-
04, 3-2-06

201 See I01 w/WST 11-9-04

210PRI Unknown 10-22-08

302 USCG HC-144A #2302, ATC Mobile 10-16-07

330PRI Unknown 10-22-08

437FEMAUX FEMA Auxiliary station w/TSC 3-27-06

444 Poss. CBP Marine Interceptor w/M70 11-22-04

492 Poss. CBP Marine Interceptor w/707 4-14-07

5## USCG HC-130s

500 USCG HC-130H #1500, CGAS Elizabeth City

501 USCG HC-130H #1501, CGAS Clearwater

502 USCG HC-130H #1502, CGAS Clearwater

503 USCG HC-130H #1503, CGAS Elizabeth City

504 USCG HC-130H #1504, CGAS Clearwater w/JOE, MC2

564 Poss. CBP Marine Interceptor w/MC3 9-18-04

599 Poss. CBP Marine Interceptor w/CS6 3-21-04, 5-17-07

626 Poss. CBP Marine Interceptor w/TSC 11-15-04, 3-30-06

630 Poss. CBP Marine Interceptor w/CS3 4-10-04

7## USCG HC-130s

700 USCG HC-130H #1700, CGAS Kodiak

701 USCG HC-130H #1701, CGAS Clearwater

702 USCG HC-130H #1702, CGAS Barbers Point

703 USCG HC-130H #1703, CGAS Kodiak

704 USCG HC-130H #1704, CGAS Sacramento

705 USCG HC-130H #1705, CGAS Kodiak

706 USCG HC-130H #1706, CGAS Barbers Point w/STR 6-24-05

707 USCG HC-130H #1707, CGAS Clearwater

708 USCG HC-130H #1708, CGAS Clearwater

709 USCG HC-130H #1709, CGAS Kodiak

710 USCG HC-130H #1710, CGAS Kodiak

711 USCG HC-130H #1711, CGAS Elizabeth City

712 USCG HC-130H #1712, CGAS Kodiak

713 USCG HC-130H #1713, CGAS Barbers Point

714 USCG HC-130H #1714, CGAS Barbers Point

715 USCG HC-130H #1715, CGAS Sacramento

716 USCG HC-130H #1716, CGAS Sacramento w/JOE, V09

717 USCG HC-130H #1717, CGAS Sacramento

718 USCG HC-130H #1718, CGAS Sacramento w/JOE 9-30-05

719 USCG HC-130H #1719, CGAS Clearwater w/COE 9-6-07

720 USCG HC-130H #1720, CGAS Clearwater

778 Poss. CBP Marine Interceptor w/PR1 2-05-03

790 USCG HC-130H #1790, CGAS Sacramento

801 Poss. CBP Marine Interceptor w/CS5 2-4-03

821 Poss. CBP Marine Interceptor w/CS6 3-2-04

852419 US Army helicopter w/TSC 10-2-03

96D USCG MH-65C #6596 w/OPB, TSC, J39 5-18-08, 10-26-08
97D USCG MH-65C #6597 w/OPB, TSC 5-17-08, 5-25-08

9CD Unknown 5-3-08, 5-5-08

A## CBP helicopters

A10 CBP UH-60 tail # 78-23010 San Diego AMB, CA 10-11-03, 9-14-08
A18 CBP UH-60 tail # 77-22718 "OMAHA 718" over Charleston, SC 8-15-07 7-5-03, 8-12-07
A20 CBP UH-60 tail # 79-23320 1-30-03, 5-11-08
A21 CBP UH-60 tail # 79-23321 "OMAHA 321", Florida 1-21-03, 10-28-08
A23 CBP UH-60 tail # 80-23423 "OMAHA 423", Florida w/TSC, MCC, CRB, OPB 7-3-03, 10-28-08
A32 see A21 w/CS5 10-30-03
A321 see A21 w/CS5 10-30-03
A39 CBP AB139 #N139HS w/TSC, OPB 11-28-06, 9-14-08
A40 CBP AB140 #N140HS, Miami AMB, FL 2-7-08, 9-7-08
A41 CBP UH-60 tail # 87-24641 w/WCR 2-15-04, 08-14-08
A44 CBP UH-60 tail # 79-23344, Riverside or San Diego AMB 1-27-03, 4-1-07
A47 CBP UH-60 tail # 82-23747 "OMAHA 747" w/CNT 2-08-03, 10-21-08
A48 CBP UH-60 tail # 86-24548 w/TAA 1-17-03, 9-11-08
A50 CBP UH-60 tail # 79-23350 2-7-03, 11-8-08
A58 CBP UH-60 tail # 86-24558, "BLACKHAWK 558", "OMAHA 558", Miami AMB, FL 7-4-03, 9-14-08
A65 CBP UH-60 tail # 80-23465 6-26-03, 10-31-08
A70 CBP UH-60 tail # 82-23670 "OMAHA 670" 12-31-02, 9-14-08
A82 CBP UH-60 tail # 78-22982, Grand Forks Air Branch, ND 11-19-03, 11-4-08
A97 CBP UH-60 tail # 79-23297 "OMAHA 297", San Diego AMB 7-29-03, 9-10-08
A99 CBP UH-60 tail # 79-23299 2-06-03, 5-4-07

AAA Unknown w/CS5, TSC 1-9-04, 1-28-04

ABQPRI COTHEN Remote Omni-Directional Transmitter, Albuquerque, NM 9-28-08, 10-22-08
ABQSEC COTHEN Remote Omni-Directional Transmitter, Albuquerque, NM 9-27-07, 11-3-08

ADD Unknown w/F40, DIL, TSC 11-14-06, 10-30-08

ADQ USCG District 17 unit (TISCOM id) 12-9-04, 10-7-05

AL4 FEMA WGY954, Alabama EOC, Montgomery, AL w/019FEM 11-30-06, 12-7-06
AL4FMA FEMA WGY954, Alabama EOC, Montgomery, AL w/TSC 12-7-06, 5-15-07

AP1 Unknown COTHEN Remote Communications Console w/MV5, DL1 6-4-07

AST USCG Unknown w/H99 8-29-04

ATLPRI COTHEN Remote Omni-Directional Transmitter, Atlanta, GA (ATL) 12-6-07, 10-22-08
ATLSEC COTHEN Remote Omni-Directional Transmitter, Atlanta, GA (ATL) 12-20-07, 7-20-08

ATT2 USCG Poss. Attu Island, AK (TISCOM id) w/709 10-3-07
ATU USCG Poss. Attu Island, AK (TISCOM id) w/NOJ 12-9-04, 7-17-05

AXP USCGC HADDOCK (WPB 87347) w/Z29, PAC 4-8-08, 7-29-08

AYL USCGC DOLPHIN (WPB 87354) w/TSC 7-22-08, 10-16-08

AYU USCGC PETREL (WPB 87350) w/Z29 4-10-08

B02 Unknown w/TSC 10-6-05

B03 Unknown

BOB CBP Orlando, FL Customs National Law Enforcement Communications Center -- Technical Service Center w/MVT, CS4, IKE, DL1 12-22-04, 1-14-05

BCU USCGC SAWFISH (WPB 87357) w/Z13, Z29, TSC 3-27-08, 10-4-08

C## US Army Corps of Engineers ground stations and mobiles. (The Corps of Engineers has 6 Rapid Response Vehicles and several Deployable Containerized Tactical Operations Centers and Emergency Command and Control Vehicles used to support FEMA and DHS communications during a crisis/disaster. Three were used at the WTC after 9/11.)

C01 USACE Rapid Response Vehicle # 1, St. Louis, MO w/COE 6-9-04, 7-12-06

C02 USACE Rapid Response Vehicle # 2, Baltimore, MD, "CHARLIE 02" w/CS1, CS5, TSC, I55, COE 9-20-03, 1-24-07

C03 USACE Rapid Response Vehicle # 3, Nashville, TN, voice call "RRV 03" w/COE, C10 3-3-04, 8-21-07

C04 USACE Rapid Response Vehicle # 4, Los Angeles, CA w/COE, C10, I08 3-3-04, 8-11-04

C05 USACE Rapid Response Vehicle # 5, Portland, OR w/COE, TSC, J03 7-15-04, 5-19-06

C06 USACE Rapid Response Vehicle # 6, Fort Worth, TX w/COE 3-3-04, 9-17-08

C10 USACE Tactical Operations System, Mobile, AL w/C03, C04, C11, C12, C50, C99, L0S, COE 2-25-04, 12-14-07

C11 USACE Emergency Command & Control Vehicle # 1, Mobile, AL, "CHARLIE 11", w/COE, C10 9-20-03, 9-21-08

C12 USACE Emergency Command & Control Vehicle # 2, Mobile, AL w/COE, C10, C80 3-3-04, 2-15-06

C13 USACE Emergency Command & Control Vehicle # 3, Sacramento, CA w/COE 1-5-05, 2-9-05

C20 USACE Communications Office, Mobile, AL w/COE, CS1, CS6, SAMMF1 8-19-04, 3-5-08

C21 USACE TOC, Mobile, AL w/COE 3-10-04, 9-14-06

C22 USACE TOC 5-12-07, 5-16-07

C23 USACE TOC, Mobile, AL w/COE 6-8-05, 6-8-05

C24 USACE TOC, Honolulu, HI

C26 USACE Chicago, IL EOC, voice call "CHARLIE 26", w/COE, LRD1 11-3-04, 3-5-08

C27 USACE Pittsburgh, PA EOC, voice call "CHARLIE 27", w/COE 4-7-04, 11-3-04

C30 USACE Anchorage, AK EOC w/COE, TSC 3-3-04, 3-5-08

C33 USACE

C35 USACE Vicksburg, MS EOC, voice call "CHARLIE 35" w/COE 6-8-04, 1-9-07

C36 USACE 8-4-03

C37 USACE w/CS5 10-25-03

C46 USACE Kansas City, MO EOC 7-12-06

C47 USACE Omaha, NE EOC 7-12-06

C50 USACE Operations Center, Washington, DC w/COE, PNR, 8JF, C10 11-6-03, 3-8-07

C54 USACE

C80 USACE w/C12 6-14-05, 2-15-06

C99 USACE Portable radio unit w/TSC, C10 5-25-05, 9-21-06

CBE USCGC TAHOMA (WMEC 908) (COTHEN & TISCOM id) w/NMN, LGV, RDC, H13, F39, F40, F41, TST, Z13 6-15-05, 10-17-08

CCC CBP Unknown w/MR1, FGT 12-8-07, 7-9-08

CDA Unknown COTHEN Remote Communications Console, voice call "COTHEN 207", w/DL3, TSC 11-5-04, 4-22-07

CDRPRI COTHEN Remote Directional Transmitter (South), Cedar Rapids, IA 9-28-07, 10-29-08
CDRSEC COTHEN Remote Directional Transmitter (South), Cedar Rapids, IA 1-18-08, 7-23-08

CGA USCG Unknown (TISCOM id) w/790 3-1-05

CG1 USCG Unknown w/TSC, DIL 11-14-04, 2-27-08

CLR Unknown w/CS8 8-26-05

CMR Unknown w/RAY 2-2-05

CNT CBP AMOC Central Regional Communications Node 11-5-04, 11-9-08

COE US Army Corps of Engineers, Mobile, AL, voice call "CHARLIE OSCAR ECHO" w/CS8,
CS2, CS3, CS4, TSC, 501, 719, J16, J40, C01, C02, C03, C04, C05, C06, C10, C11, C12, C13,
C20, C21, C23, C26, C27, C30, C35, C50, STR, T72, MV5 10-24-03, 10-28-08

COV Unknown w/I3L 7-6-08

CR1PRI Unknown COTHEN Remote Communications Console or Transmitter 3-5-08, 9-13-08

CR4 Unknown COTHEN Remote Communications Console or Transmitter 11-23-06

CR5 Unknown COTHEN Remote Communications Console or Transmitter 2-20-08

CR7 Unknown COTHEN Remote Communications Console or Transmitter 3-5-08

CRB CBP AMOC Caribbean Regional Communications Node 11-2-04, 11-10-08

CS1 COTHEN Remote Omni-Directional Transmitter, Atlanta, GA (ATL)

CS2 COTHEN Remote Omni-Directional Transmitter, Memphis, TN (MEM)

CS3 COTHEN Remote Omni-Directional Transmitter, Oklahoma City, OK (OKO)

CS4 COTHEN Remote Directional Transmitter (South), Lovelock, NV (LUV)

CS5 COTHEN Remote Directional Transmitter (South), Wilmington, NC (RSH)

CS6 COTHEN Remote Directional Transmitter (South), Kansas City, MO (KCM)

CS7 COTHEN Remote Directional Transmitter (West), Denver, CO (DEN)

CS8 COTHEN Remote Omni-Directional Transmitter, Albuquerque, NM (ABQ)

CS9 COTHEN Remote Directional Transmitter (South), Beaufort, NC (CDI)

CSK USCG COMMSTA Kodiak, AK w/700, 705, 711, 718, J13, J31, J33, J36, J40, OPB,
PNR400, NMC, TSC 9-15-04, 10-18-08

CSR USCGC PEA ISLAND (WPB 1347) w/Z13 7-4-08, 7-20-08

D## CBP P-3/Q200 Detector Units

D01 CBP BOMBARDIER Q400 #N801MR, voice "OMAHA 1MR"

D02 CBP BOMBARDIER Q400 #N802MR, voice "OMAHA 2MR"

D2C CBP another address used by D42 9-22-03

D2CS CBP another address used by D42 9-22-03

D03 CBP BOMBARDIER Q400 #N803MR

D07 Unknown w/704, H81, J33 1-21-06, 4-1-06

D14 CBP P-3A "Slick" #N18314/BuNo 150314, Corpus Christi AMB, TX, voice call "OMAHA 314"

D23 CBP P-3B "Slick" #N423SK/BuNo 153423, Corpus Christi AMB, TX, voice call "OMAHA
23SK"

D31 CBP P-3B "Slick" #N431SK/BuNo 153431, Jacksonville AMB, FL, voice "OMAHA 31"

D41 CBP P-3B "Slick" #N741SK/BuNo 152741, Jacksonville AMB, FL, voice call "OMAHA 41SK"

D42 CBP P-3 AEW&C #N142CS/BuNo 153452, Corpus Christi AMB, TX

D43 CBP P-3 AEW&C #N143CS/BuNo 153447, Corpus Christi AMB, TX, voice call "OMAHA

3CS"

D44 CBP P-3 AEW&C #N144CS/BuNo 153446, Corpus Christi AMB, TX, voice "OMAHA 4CS"

D45 CBP P-3 AEW&C #N145CS/BuNo 155299, Jacksonville AMB, FL

D46 CBP P-3 AEW&C #N146CS/BuNo 154605, Jacksonville AMB, FL

D47 CBP P-3 AEW&C #N147CS/BuNo 152722, Jacksonville AMB, FL

D48 CBP P-3 AEW&C #N148CS/BuNo 154575, Corpus Christi AMB, TX

D49 CBP P-3 AEW&C #N149CS/BuNo 154581, Corpus Christi AMB, TX, voice call "OMAHA 9CS"

D69 CBP P-3B "Slick" #N769SK/BuNo 152729, Jacksonville AMB, FL, voice call "OMAHA 9SK"

D70 CBP P-3A "Slick" #N16370/BuNo 152170, Corpus Christi AMB, TX

D90 CBP P-3A "Slick" #N15390/BuNo 151390, Corpus Christi AMB, TX, voice "OMAHA 390"

D95 CBP P-3A "Slick" #N16295/BuNo 151395, Corpus Christi AMB, TX, voice call "OMAHA 295"

DCK USCGC SANIBEL (WPB 1312) w/GWH

DHS CBP w/T07, T58, VY1, VY2 12-8-04, 2-28-06

DIL USCGC DILIGENCE (WMEC 616) w/ADD, CG1, J33, MCC, T72, 501, 502, VY1, VY2, FM1, FP4FEM001, FP4PFEM001, LON 8-31-05, 2-10-08

DL1 Unknown COTHEN Remote Communications Console w/TSC in voice comms mentioned Unit 35 and Unit 37 w/STR, TSC, AP1 2-25-05, 8-28-08

DL3 Unknown COTHEN Remote Communications Console w/CDA, TSC 11-5-04

DR1 Unknown COTHEN Remote Communications Console w/TSC 3-15-07

E## Unknown

E01 Unknown w/TSC 10-17-06

E03 Unknown 4-1-08

E11 Unknown w/TSC, TST 10-22-03, 9-5-06

E15 Unknown w/KVQ 4-11-08

E17 Unknown w/CS1 4-24-04

E36 Unknown

E42 Unknown 4-9-08

E70 Unknown w/CS9 4-29-04

E82 Unknown w/LNT 9-1-05

EDI USCGC CUTTYHUNK (WPB 1322) w/TSC 9-27-08

EPP USCGC HEALY (WAGB-20) w/PAC, TSC 10-9-07, 11-21-07

ERH USCGC TYBEE (WPB 1330)

EST CBP AMOC Eastern Regional Communications Node 11-4-04, 11-4-08

F## USCG HU-25 Falcons

F04 USCG HU-25 #2104 CGAS Corpus Christi TX, w/LHV, STR 5-21-05

F05 USCG UH-25 #2105 CGAS Miami

F09 USCG HU-25 #2109 CGAS Cape Cod

F12 USCG HU-25 #2112 CGAS Cape Cod, voice call "FOXTROT 12"

F17 USCG HU-25 #2117 CGAS Miami

F20 USCG HU-25 #2120 ATC Mobile

F29 USCG HU-25 #2129 CGAS Cape Cod

F31 USCG HU-25 #2131 CGAS Cape Cod

F33 USCG HU-25 #2133 CGAS Cape Cod, voice call "FOXTROT 33"

F35 USCG HU-25 #2135 CGAS Corpus Christi TX, w/NMC on TISCOM Net

F36 USCG HU-25 #2136 ATC Mobile
F39 USCG HU-25 #2139 CGAS Cape Cod, voice call "FOXTROT 39"
F40 USCG HU-25 #2140 CGAS Cape Cod, voice call "FALCON 40" and "FOXTROT 40" w/V20
2-16-06
F41 USCG HU-25 #2141 CGAS Corpus Christi TX, voice call "FOXTROT 41"

FAASJU FAA San Juan ARTCC, PR 3-16-05, 5-4-05

FC4 FEMA WGY904 Region 4, Thomasville, GA w/034FEM 12-7-06
FC4FEM FEMA WGY904 Region 4, Thomasville, GA w/TSC 9-7-08

FFS USCGC CHANDELEUR (WPB 1319) w/Z13 6-4-08

FGT Unknown w/CCC 7-9-08

FL# COTHEN Florida Remote Transmitters

FL1 COTHEN Remote Directional Transmitter, Sarasota, FL (South) (SAR) 7-6-03, 6-7-07

FL2 COTHEN Remote Omni-Directional Transmitter, Fort Myers, FL (FTM) 7-6-03, 6-1-07

FM1 FEMA Station w/DIL during TS Ernesto 8-31-06

FMK USCGC SENECA (WMEC 906) w/UCG, J19, MUD, OPB, SNN 12-7-06, 6-10-08

FP4FEM001 FEMA Station w/DIL during TS Ernesto 8-31-06

FP4PFEM001 FEMA Station w/DIL during TS Ernesto 8-31-06

FR4FMA FEMA Station, voice "WGY9024 Region 4, Atlanta" w/TSC 11-21-06, 11-28-06

FTMPRI COTHEN Remote Omni-Directional Transmitter, Fort Myers, FL 10-1-07, 10-22-08

FTMSEC COTHEN Remote Omni-Directional Transmitter, Fort Myers, FL 9-6-07, 8-26-08

GA4FEM FEMA Station in Georgia w/TSC 8-10-08

GA4FMA FEMA Station in Georgia w/TSC 8-1-07

GBL USCGC OCRACOKE (WPB 1307) 10-17-08, 10-18-08

GDF USCGC MUNRO (WHEC 724) w/TSC 8-17-07, 9-2-07

GWH Unknown (Prob USCG) w/F41, LGV 1-19-06, 2-5-06

GYS USCGC KEY BISCAYNE (WPB 1339) w/Z13, TSC, KVQ 1-24-08, 9-27-08

HD1SEC Unknown w/MEMSEC 8-14-08

HHF USCGC HOLLYHOCK (WLB 214) w/Z13 8-14-08

HKW USCGC CONFIDENCE (WMEC 619) w/JOR 9-1-07

HNC USCGC HARRIET LANE (WMEC 903) w/LGV, NAS, RDC, RUF, H95, TSC, PAC, OPB 2-
26-05, 9-1-08

HP3011 Unknown (TISCOM id) w/J13 5-6-07

HS#

HS1 Unknown w/TSC 6-13-07

HS2 Unknown w/HS8 6-14-07

HS4 Unknown 6-27-07

HS8 Unknown w/HS2 6-14-07

HSD USCGC DRUMMOND (WPB 1323) w/Z13 3-29-08, 9-3-08

I## CBP Interceptor Aircraft

I00 CBP CESSNA 550 #N1200N 9-15-03, 9-23-08

I01 CBP CESSNA 550 #N37201, voice call "OMAHA 201", San Diego AMB w/WST, EST 1-17-04, 11-4-08

I08 CBP CESSNA 550 #N5408G, "OMAHA 08G", Bellingham AMB w/CS6, CS3, C04, CNT, WST 7-11-03, 8-19-08

I14 CBP CESSNA 550 #N4614N, "OMAHA 14N" 1-29-03, 10-30-08

I1L CBP CESSNA 550 #N6001L, voice call "OMAHA 01L" w/CNT 6-26-03, 10-22-08

I201 CBP see I01 9-29-04

I21 CBP CESSNA 550 #N26621, voice "OMAHA 621" w/CNT 1-1-04, 10-30-08

I31 CBP CESSNA 550 #N2531K 1-30-03, 7-9-08

I34 CBP CESSNA 550 #N2734K 7-6-03, 11-3-08

I37 CBP CESSNA 550 #N6637G, San Diego AMB, CA 7-1-03, 3-28-08

I3L CBP CESSNA 550 #N6763L w/COV 7-8-03, 7-6-08

I41 CBP Aircraft w/CRB 3-14-08

I43 CBP BEECH 65-A90 #N43SA, Miami AMB, voice "OMAHA 3SA" w/OPB, D47, EST 7-11-03, 10-6-08

I49 CBP CESSNA 550 #N12549, STB, Oklahoma City, OK w/CS3, CS9 10-5-03, 9-2-08

I4J CBP CESSNA 550 #N5314J, San Angelo AMB, TX. At Bellingham 6-5-06 w/CNT, EST, WST 8-13-03, 11-10-08

I52 CBP CESSNA 550 #N752CC, voice call "OMAHA 2CC" 7-8-03, 11-4-08

I53 CBP CESSNA 550 #N753CC, STB Oklahoma City, OK w/CNT, WST 11-19-03, 11-4-08

I54 CBP CESSNA 550 #N1254X, Miami AMB, OMAHA 54X" 7-6-03, 10-24-08

I55 CBP CESSNA 550 #N1255K, Grand Forks Air Branch, "OMAHA 55K" w/CS1, SD, C02, EST, CNT 8-31-03, 11-1-08

I57 CBP CESSNA 550 #1257B, Miami AMB, "OMAHA 57B" 7-8-03, 11-9-08

I62 CBP CESSNA 550 #N3262M, "OMAHA 62M" 1-29-03, 8-17-07

I63 CBP CESSNA 550 #N2663Y 7-11-03, 8-17-07

I75 CBP CESSNA 550 #N6775C, "OMAHA 75C" 1-29-03, 10-14-08

I76 CBP CESSNA 550 #N6776T, voice "OMAHA 76", San Diego AMB, CA w/CS4, CNT, WST 1-25-04, 2-25-08

I86 CBP CESSNA 550 #N586RE 9-16-03, 9-2-08

I94 CBP CESSNA 550 #N26494 w/EST 1-21-04, 11-9-08

I96 CBP CESSNA 550 #N26496 12-25-03, 11-10-08

I97 CBP CESSNA 550 #N797CW 1-3-04, 9-10-08

ICB USCGC FORWARD (WMEC 911) (TISCOM & COTHEN id) w/OPB, D90, J38 3-16-07, 9-3-08

IGY USCG Tug PENOBSCOT BAY (WTGB 107) w/Z03 10-27-08

IKL USCGC TAMPA (WMEC 902), voice "SHARK 02" w/IKL1, OPB, NRT, J31, J38, J39 5-17-07, 11-11-08

IKL1 USCGC TAMPA (WMEC 902) small boat w/IKL 11-9-08

IWB Possibly Information Warfare Battlelab an Air Force experimental technology demonstrator program

IWB Unknown w/X53 10-22-03, 1-4-04

IWBF50 Unknown w/X53 10-22-03

IWBF7D Unknown w/X53, X60 1-4-04, 3-23-04

J## U.S. Coast Guard HH-60J/MH-60J/MH-60T helicopters

J01 USCG MH-60J #6001 CGAS Elizabeth City
J02 USCG MH-60J #6002 CGAS Sitka
J03 USCG MH-60J #6003 CGAS Elizabeth City w/STR, C05
J04 USCG HH-60J #6004 CGAS Cape Cod
J05 USCG MH-60J #6005 CGAS Kodiak
J06 USCG MH-60J #6006 ATC Mobile w/JOE
J07 USCG MH-60J #6007 CGAS Kodiak
J08 USCG MH-60J #6008 CGAS Clearwater
J09 USCG MH-60J #6009 CGAS Elizabeth City w/JOE
J10 USCG MH-60J #6010 CGAS Clearwater
J11 USCG HH-60J #6011 CGAS Cape Cod
J12 USCG MH-60J #6012 CGAS Clearwater w/P02, SOS
J13 USCG MH-60J #6013 CGAS Kodiak w/HP3011
J14 USCG MH-60J #6014 CGAS Elizabeth City w/JOE, STR
J15 USCG MH-60J #6015 CGAS Elizabeth City
J16 USCG MH-60J #6016 CGAS San Diego w/STR
J17 USCG MH-60J #6017 CGAS Clearwater
J18 USCG MH-60J #6018 CGAS Clearwater
J19 USCG MH-60J #6019 CGAS Clearwater
J21 USCG MH-60J #6021 CGAS Kodiak
J22 USCG HH-60J #6022 CGAS Clearwater
J23 USCG HH-60J #6023 ATC Mobile
J24 USCG MH-60J #6024 CGAS Elizabeth City
J25 USCG MH-60J #6025 CGAS Clearwater w/STR
J26 USCG MH-60J #6026 CGAS Sitka
J27 USCG MH-60T #6027 ATC Mobile
J28 USCG HH-60J #6028 CGAS Cape Cod
J29 USCG MH-60J #6029 CGAS Clearwater
J30 USCG HH-60J #6030 CGAS Astoria
J31 USCG HH-60J #6031 ATC Mobile w/JOE
J32 USCG HH-60J #6032 CGAS Cape Cod
J33 USCG MH-60J #6033 CGAS Clearwater
J34 USCG MH-60J #6034 CGAS Clearwater
J35 USCG MH-60J #6035 CGAS Kodiak
J36 USCG MH-60J #6036 CGAS Elizabeth City w/D02, JOE, STR
J37 USCG MH-60J #6037 CGAS San Diego w/Z29
J38 USCG MH-60J #6038 CGAS Clearwater
J39 USCG MH-60J #6039 CGAS Clearwater
J40 USCG MH-60J #6040 CGAS San Diego
J41 USCG MH-60J #6041 CGAS Elizabeth City
J42 USCG MH-60J #6042 CGAS Clearwater w/D90

JHT USCGC LIBERTY (WPB 1334) (TISCOM id) 4-7-05

JOE COTHEN Remote Directional Transmitter (South), Cedar Rapids, IA (CDR) 7-6-03, 11-14-06

JOM USCGC SEA OTTER (WPB 87362) w/Z29 4-10-08

JOR USCGC GALLATIN (WHEC 721) w/K01, LGV, LNT, HKW, H09, H98, TSC 7-27-07, 7-3-08
JOR1 USCGC GALLATIN (WHEC 721) small boat

K## USCG MH-65Cs
K01 USCG MH-65C # 6501 w/TSC, JOR 5-25-08, 6-8-08
K15 USCG MH-65C # 6515 9-13-08, 9-14-08
K16 USCG MH-65C # 6516 8-14-08

K18 USCG MH-65C # 6518 w/RDC 8-14-08
K30 USCG MH-65C # 6530 w/TSC 5-18-08
K55 USCG MH-65C # 6555 8-19-08, 11-11-08
K57 USCG MH-65C # 6557 w/P21 9-1-08, 11-1-08
K59 USCG MH-65C # 6559 w/TSC, LNT 4-10-08, 9-20-08
K62 USCG MH-65C # 6562 7-12-08, 8-29-08
K94 USCG MH-65C # 6594 w/TSC 9-30-08
K99 USCG MH-65C # 6599 w/TSC 4-10-08, 9-19-08

KCM CBP Kansas City, MO 12-22-04, 1-8-05
KCMPRI COTHEN Remote Directional Transmitter (South), Kansas City, MO 4-8-08, 11-10-08
KCMSEC COTHEN Remote Directional Transmitter (South), Kansas City, MO 12-13-07, 2-14-08

KNR43 Unknown Federal station w/USDAHQ1 8-4-04, 11-8-04

KODIAK1 USCG Kodiak, AK (TISCOM id) 2-25-08

KVQ USCGC NANTUCKET (WPB 1316) w/Z13, E15, LNT, GYS, UCG 4-11-08, 10-5-08

LAB COTHEN Radio Lab 1-23-03, 9-26-05
LAB1PRI 11-6-08
LAB2PRI 11-6-08

LBE Unid USCG w/J12 7-26-08

LGH Unknown (Prob USCG) w/F41 1-19-06

LGV Poss. USCGC LEGARE (WMEC 912) (TISCOM & COTHEN id) w/CBE, GWH, LIL, NOR,
OPB, F39, H13, HNC, LGV1, J08, J36, JOR, X61 6-12-05, 11-10-08
LGV1 small boat w/LGV 10-27-08

LHV USCG Unknown w/F04 2-2-06

LIL USCGC BAINBRIDGE ISLAND (WPB 1343) (TISCOM & COTHEN id) w/LGV 1-26-06, 2-4-06

LJW Unknown w/J41 4-11-08

LNEPRI Unknown 11-4-08

LNT USCG CAMSLANT Chesapeake, VA 6-16-04, 11-11-08

LON Unknown w/DIL 2-10-08
LOS Unknown w/J38 2-16-06

LRD1 USACE LRD1 Mobile Data Receiver w/C26 9-30-05

LUVPRI Unknown 11-11-08

M## CBP C-12M Maritime Surveillance Aircraft
M42 CBP MPA w/D03 1-12-08
M46 CBP BEECH A200 #N1546, Caribbean AMB 7-11-03, 5-16-07
M49 CBP BEECH A200 #N1549, Miami AMB, FL 1-21-03, 10-6-08
M51 CBP BEECH A200 #N1551, Miami AMB, FL 1-22-03, 5-1-07
M53 CBP BEECH A200 #N1553, Miami AMB, FL "OMAHA 553" 1-6-03, 8-13-08
M69 CBP BEECH C-12C #N7069A, Caribbean AMB 7-6-03, 5-8-07

M70 CBP BEECH C-12C #N72470, Caribbean AMB, "OMAHA 470" 9-29-03, 5-9-08

MC# COTHEN Remote Transmitter

MC1 COTHEN Remote Transmitter 9-14-08

MC2 COTHEN Remote Directional Transmitter (South), Oklahoma City, OK (OKD) 2-7-03, 11-28-07

MC3 COTHEN Remote Omni-Directional Transmitter, Las Vegas, NV (VGS) 12-16-02, 4-28-07

MC3PRI COTHEN Remote Omni-Directional Transmitter, Las Vegas, NV 8-31-07

MC3SEC COTHEN Remote Omni-Directional Transmitter, Las Vegas, NV 8-31-07

MC4 COTHEN Remote Omni-Directional Transmitter, Reno, NV (RNO) 1-30-03, 5-30-07

MCC USCG Mobile Incident Command Center, "MIKE CHARLIE CHARLIE" and "CG Command Center" w/A23, DIL 8-30-05, 1-4-07

MEMPRI COTHEN Remote Omni-Directional Transmitter, Memphis, TN 5-1-08, 10-20-08

MEMSEC COTHEN Remote Omni-Directional Transmitter, Memphis, TN w/HD1SEC 10-13-07, 11-1-08

MFN USCGC KNIGHT ISLAND (WPB 1348) 10-23-08 w/Z13

MP01CG USCG Unknown w/TSC 11-26-07

MP02CG USCG Unknown w/TSC 6-1-07

MR# Land Mobile Units

MR1 Unknown Land Mobile Unit, voice call "105A" w/CCC, CNT, TSC 12-16-02, 9-23-08

MR2 Unknown Land Mobile Unit w/TRC 11-18-03

MR7 Unknown Land Mobile Unit w/CS6 6-27-04

MS# Land Mobile Units or COTHEN Remote Communications Consoles

MS1 CBP Unknown w/TSC 12-13-03, 2-20-07

MS2 CBP Unknown w/TSC, CS1 7-26-03, 3-9-04

MS3 CBP Unknown w/TSC 5-5-05, 5-22-05

MS4 CBP Unknown w/TSC 6-20-07

MS4FEM Unknown FEMA station 1-18-07

MUD USCGC DILIGENCE (WMEC 616) w/FMK 6-10-08

MUG Unknown COTHEN Remote Communications Console w/MGM, CS6, CS9, EST, TSC, D41. Noted used for voice in the Caribbean between P-3s and JACKKNIFE. 6-26-03, 1-28-06

MV# Land Mobile Units

MV2 Unknown Land Mobile Unit w/TSC, CS1, TRC, PNR400, 5HY, TSC, CRB, MC2 7-16-03, 10-31-08

MV3 Unknown Land Mobile Unit w/JOE 11-14-06

MV5 Unknown Land Mobile Unit w/COE, TRC, TSC, NRT, AP1 1-23-03, 7-9-08

MV6 Unknown Land Mobile Unit 10-16-08

MV7 Unknown Land Mobile Unit 3-5-03

MV9 Unknown Land Mobile Unit w/TSC, TRC 9-30-03, 4-2-08

MVT CBP Land Mobile Unit, voice call "205" w/BOB 8-16-03, 1-13-05

N## U.S. Coast Guard HC-144As

N01 USCG HC-144A #2301 ATC Mobile 3-27-08, 10-30-08

N02 USCG HC-144A #2302 ATC Mobile 9-2-08, 11-3-08

N03 USCG HC-144A #2303 ATC Mobile 6-20-08, 9-2-08

NAS USCG USCGC ESCANABA (WMEC 907) w/RKN, NAS1, HNC, ROS, F40 4-9-06, 5-25-08
NAS1 USCG USCGC ESCANABA (WMEC 907) small boat w/RKN, NAS 11-9-07

NC4FMA Unid North Carolina FEMA station w/TSC 1-24-07, 5-8-07

NICB USCGC FORWARD (WMEC 911) w/TSC, LNT 2-23-05

NMC USCG CAMSPAC, Point Reyes, CA (TISCOM and COTHEN id) w/CSK, UCG, F35 11-30-03, 11-5-06

NMH USCG TISCOM, Alexandria, VA (TSCOM and COTHEN id) w/TSC, M9Y 2-28-05, 5-2-05

NMN USCG CAMSLANT Chesapeake, VA w/CBE, PAC 6-15-05, 5-7-06

NNR USCG Unknown (TISCOM id) w/STP 3-1-05

NOJ USCG COMMSTA Kodiak, AK (TISCOM id) w/ATT2, ATU, SKA, STP, PAC, 05Z 7-13-04, 11-24-07

NOR USCGC NORTHLAND (WMEC 904) w/LGV 6-12-05, 6-14-05

NRT USCGC ACTIVE (WMEC 618) w/VM2, VY1, TSC, 719, IKL, MV5 2-1-06, 6-4-07

NW8 Unknown w/PAC 11-16-06

OKO COTHEN Remote Omni-Directional Transmitter, Oklahoma City, OK 12-21-04, 1-8-05
OKOPRI COTHEN Remote Omni-Directional Transmitter, Oklahoma City, OK 10-2-07, 10-23-08
OKOSEC COTHEN Remote Omni-Directional Transmitter, Oklahoma City, OK 10-2-07

OMNIPRI Unknown 11-11-08

OPB OPBAT Service Center, Nassau, Bahamas, voice "PANTHER". Also used as a remote by HAMMER.

OPS1 COTHEN Remote Communications Console w/CS5, TSC 2-5-06
OPS2 COTHEN Remote Communications Console USCG CAMSLANT Chesapeake, VA
OPS3 COTHEN Remote Communications Console

OWK USCGC DEPENDABLE (WMEC 626) w/UCG, TSC 2-15-07

OX# Unknown

OX3 Unknown w/720 10-17-08, 10-22-08

OX7 Unknown 10-28-08

OX8 Unknown 9-30-08

OX9 Unknown 10-23-08

P## USCG Air Stations

P01 USCG Unknown COTHEN Remote Communications Console w/TSC 3-22-07

P02 USCG COTHEN Remote Communications Console CGAS Clearwater, voice call "CLEARWATER AIR" w/707, 708, 719, J12 4-17-07, 11-6-08

P03 USCG COTHEN Remote Communications Console CGAS Elizabeth City w/J01, J09 4-2-08, 9-6-08

P07 USCG COTHEN Remote Communications Console w/708 1-3-08

P16 USCG COTHEN Remote Communications Console CGAS Miami w/N03 8-19-08

P21 USCG Unknown COTHEN Remote Communications Console w/K57 10-20-08

PAC USCG CAMSPAC Point Reyes, CA w/NW8, NOJ 6-15-04, 11-9-08

PAL USCGC KINGFISHER (WPB 87322) w/UCG 8-14-08

PAN OPBAT Ops Center, Nassau, Bahamas w/X53 5-9-04, 6-16-04
PANTHR OPBAT Ops Center, Nassau, Bahamas w/X61, X52, X53 4-1-04, 9-8-07

PCR USCGC DALLAS (WHEC 716) 5-27-08

PNR OPBAT Ops Center, Nassau, Bahamas w/C50, X53 3-5-04, 11-2-05
PNR400 OPBAT base, Georgetown, Bahamas w/S52, MV2, CSK 1-21-04, 11-4-07

PR1 COTHEN Remote Omni-Directional Transmitter, Arecibo, PR
PR1PRI COTHEN Remote Omni-Directional Transmitter, Arecibo, PR
PR1SEC COTHEN Remote Omni-Directional Transmitter, Arecibo, PR

PLT Unknown w/TSC 11-15-06, 1-8-08

PTH USCG Station Ketchikan, AK 2-8-05, 4-7-05
PTHIGGINS USCG Ketchikan, AK (TISCOM id) 3-5-08

QW7 Unknown w/T03 8-14-08

R## Unid Air Asset voice call "RAIDER".
R10 Unknown w/CS5, CS9, TSC 7-29-03, 11-10-04
R11 Unknown w/CS9, TSC 3-21-04, 5-11-04
R12 Unknown w/CS5 7-15-03, 4-14-04
R13 Unknown voice call "RAIDER 13" w/TSC 1-17-03, 5-11-04
R14 Unknown
R16 Unknown voice call "RAIDER 16" w/R25, TSC, CS5 1-21-03, 11-7-03
R17 Unknown 8-6-04
R20 Unknown 9-20-05
R25 Unknown w/R16 1-21-03
R64 Unknown

RAY Unknown w/CMR, STR 11-5-04, 5-19-05

RDC USCGC CAMPBELL (WMEC 909) w/CBE, LNT, NMN, F29, HNC, H91 6-27-07, 9-13-08
RDC1 USCGC CAMPBELL (WMEC 909) small boat w/RDC 11-3-07, 5-20-08

RKN USCGC BEAR (WMEC 901) w/H78, NAS, RKN1, TSC, LNT 4-9-06, 11-13-07
RKN1 USCGC BEAR (WMEC 901) small boat w/RKN 10-28-07

RLS Unknown w/J04 9-18-08

ROS USCGC SPENCER (WMEC 905) w/NAS, ROS1, TSC 12-14-07, 11-10-08
ROS 1 USCGC SPENCER (WMEC 905) small boat w/ROS 7-6-08, 7-10-08

RPM USCGC LEGARE (WMEC 912) w/TSJ 9-10-05, 11-3-08

RSHPRI COTHEN Remote Directional Transmitter (South), Wilmington, NC 10-7-07, 10-22-08
RSHSEC COTHEN Remote Directional Transmitter (South), Wilmington, NC 9-30-07, 11-24-07

RUF USCGC MOHAWK (WMEC 913) (COTHEN and TISCOM id) w/HNC, LNT, TSC, OPB 2-26-05, 3-3-07

S## CBP Aircraft

S03 CBP UH-60A tail # 87-24641 voice call "641" w/CRB 9-29-04, 4-22-05

S21 CBP Aircraft (definitely aircraft), based in Jacksonville, may be UH-60 A21 w/CS5 8-24-04, 8-25-04

S26 CBP Unknown w/TSC 1-31-06, 9-3-07

SA3 Unknown w/TSC 3-5-08

SA5 Unknown (TISCOM id) 2-24-05

SAMMF1 US Army Corps of Engineers Mobile, AL District Office. Possible Mobile Facility #1 w/C20 7-8-05

SARPRI COTHEN Remote Directional Transmitter, Sarasota, FL (South) 12-22-07, 7-3-08

SARSEC COTHEN Remote Directional Transmitter, Sarasota, FL (South) 12-22-07, 9-25-08

SEAPRI COTHEN Remote Transmitter 8-30-08

SEASEC COTHEN Remote Transmitter 11-28-07

SC4 FEMA Region 4, South Carolina EOC w/TSC 9-13-07

SC4FMA FEMA Region 4, South Carolina EOC w/TSC 12-7-06, 9-25-07

SD Unknown w/I55, I57. Maybe San Diego AMB??? 9-9-03, 6-16-04

SKA USCG Sitka, AK (TISCOM id) w/NOJ 7-17-05, 10-5-05

SNN USCG Unknown (COTHEN & TISCOM id) w/FMK 2-11-07, 2-12-07

SOS USCG Unid w/717, J12, J42 9-16-05, 12-11-07

SS1 Unknown 1-29-08

ST1 Unknown 1-7-07

STP USCG Loran Station, Saint Paul Island, AK (TISCOM id) w/NNR, NOJ 11-27-04, 6-21-05

STR CBP Customs National Law Enforcement Communications Center Orlando, FL VHF Land Mobile Console (SECTOR) w/706, A10, D01, DL1, TSC, F04, J03, J14, J16, J25, J36, J41, I00, RAY, COE, VX1, X61 10-30-04, 9-3-08

T## CBP Tracking Aircraft

T03 CBP CESSNA T210N #N9403Y, San Diego AMB w/CNT, WST, TSC 8-12-03, 10-24-08

T07 CBP BEECH A200 #N6507B w/CS3, CS4, WST, DHS 7-13-03, 10-16-08

T11 CBP BEECH A200 #N311MP, voice "OMAHA 1MP" w/CS6 10-17-03, 12-23-04

T16 CBP PIPER PA-42-720R #N9116Q, "OMAHA 16Q", Jacksonville, FL AMB 2-07-03, 10-9-08

T41 CBP PILATUS PC-12/45 #N541PB, Plattsburg AMB, NY w/TSC, EST 1-22-05, 9-6-05

T42 CBP PIPER PA-42-720R #N9142B, voice "OMAHA 42B", Jacksonville, FL AMB 6-24-03, 11-10-08

T47 CBP BEECH A200 #N1547, Pensacola Air Unit w/CS5, PR1, CRB, EST 7-31-03, 9-13-08

T54 CBP BEECH A200 #N1554, STB Oklahoma City, OK 9-16-04, 9-9-08

T58 CBP BEECH A200 #N1558, Miami AMB, FL w/CS1, CS5, CS6, CS9, TSC, DHS, EST, CRB 2-07-03, 10-16-08

T59 CBP BEECH A200 #N1559, San Diego AMB w/WST 3-3-04, 9-15-08

T60 CBP BEECH A200 #N1560, New Orleans AMB, voice "OMAHA 560/LIMA 560" 11-23-03, 8-28-08

T6P CBP BEECH A200 #N7166P, "OMAHA 66P" w/WST 11-6-03, 10-19-08

T72 CBP BEECH C-12C #N72472, "OMAHA 472" w/CS1, CS6, CS9, TSC, EST, COE, DIL 6-20-03, 9-17-08

T74 CBP BEECH A200 #N7074G 9-5-04, 9-23-08

T76 CBP BEECH C-12C #N72476 11-20-03, 11-29-06

T7Y CBP BEECH C-12C #N7247Y. Heard in Florida 8-07 1-14-04, 4-27-04

T83 CBP BEECH C-12 #N783MC, STB Oklahoma City, OK w/CS6, X53 10-29-03, 10-13-04

T84 9-2-08

T85 CBP PIPER PA-42-720R #N9085U, Jacksonville, FL AMB 11-19-03, 10-28-08

T91 CBP PIPER PA-42-720R #N9091J, Jacksonville, FL AMB, voice "OMAHA 91J" 2-11-03, 9-29-08

T93 CBP CESSNA T210M #N65093, San Diego AMB 2-10-08

T97 CBP PILATUS PC-12/45 #N497PC, Bellingham AMB, WA 10-7-04, 4-4-08

T9A CBP PIPER PA-42-720R #N9279A, Jacksonville, FL AMB 7-15-03, 11-7-08

T9F CBP BEECH A200 #N6509F 8-31-03, 9-27-08

TISCOM USCG Telecommunications and Information Systems Command, Alexandria, VA 4-15-04

TPS Unknown w/A20 11-25-05

TR# Possible COTHEN Remote Transmitter

TR1 Unknown w/TSC 3-26-04

TR3 Unknown w/708, D42, D44, D49, TSC 3-27-04, 2-11-06

TRC COTHEN Remote Communications Console w/MV2, MV5, MVX, MR2, MV9, D41, 717 11-16-03, 7-9-08

TSC CBP Orlando, FL Customs National Law Enforcement Communications Center -- Technical Service Center and COTHEN Remote Transmitter, Orlando, FL

TST COTHEN Remote Omni-Directional Transmitter, Poss. Morehead City, NC (SEA) 6-30-03

TSTPRI COTHEN Remote Omni-Directional Transmitter, Poss. Morehead City, NC (SEA) 11-20-07

TTC CBP Unknown w/M49 12-21-05

UCG USCG CAMSPAC Point Reyes, CA w/NMC, XXX, KVQ

USDAEOC2 USDA USDA Animal and Plant Health Inspection EOC w/TSC, USDAHQ1 1-8-04, 5-30-07

USDAHQ1 USDA KFD915, Salt Lake City, UT w/KNR43, USDAEOC2 8-4-04, 5-30-07

V## USCG Unknown

V01 Unknown w/TSC, D45 12-14-03, 7-22-04

V02 Unknown w/CS6, TSC 9-13-05

V04 Unknown w/TSC 2-18-05, 9-21-05

V05 Unknown w/TSC 9-16-05, 9-17-05

V07 Unknown (TISCOM & COTHEN) w/TSC 9-2-05, 10-15-05

V08 Unknown w/TSC 3-10-04

V09 Unknown w/TSC, 716 9-9-05, 12-11-06

V10 Unknown West Coast w/PAC, WST 11-5-06, 9-8-08

V12 Unknown 9-3-08

V20 Unknown w/F40 2-16-06

V41 Unknown w/V42 11-16-04

V42 Unknown w/V41 3-10-04, 11-16-04

V44 Unknown w/TSC 9-1-05

V45 Unknown 12-20-05
V49 Unknown 12-31-05, 10-16-07
V61 Unknown w/C50 6-25-04
V69 Unknown w/CRB 2-19-05

VES USCGC VENTUROUS (WMEC 625) w/LNT, TSC, 07M, VES1, VES2 10-25-07, 10-30-08
VES1 USCGC VENTUROUS (WMEC 625) small boat w/VES 7-2-08, 10-18-08
VES2 USCGC VENTUROUS (WMEC 625) small boat w/VES 7-4-08, 7-5-08

VM1 Unknown w/EST, TSC 3-16-06, 3-17-06
VM2 Unknown w/TSC, WST, NRT 2-12-06, 2-23-07

VX1 Unknown, voice "VICTOR XRAY 1" w/CS1 9-5-05, 9-3-08
VX2 Unknown 7-20-06, 8-29-06
VX3 Unknown w/TSC 1-10-06, 2-15-06
VX5 Unknown 2-10-06
VX6 Unknown w/TSC 2-13-06, 2-13-07
VX7 Unknown 8-29-06, 9-8-08

VY1 Unknown w/CNT, CRB, DIL, EST, JOE, NRT, TSC, WST 1-29-06, 4-28-06
VY2 Unknown w/CNT, CRB, DHS, DIL, TSC 1-24-06, 3-27-06

W08 Unknown 8-29-05
W20 Unknown w/LNT 8-30-05

W617CG USCGC VIGILANT (WMEC 617) w/OPB 1-23-07, 4-15-07

WCR Unknown w/A41 8-14-08

WHD USCGC KODIAK ISLAND (WPB 1341) w/Z13 6-13-08, 10-29-08

WLB USCG Unknown w/LNT 1-22-04, 9-29-05

WST CBP AMOC Western Regional Communications Node 11-5-04, 11-10-08

X## Formerly US Army UH-60L helicopters deployed to OPBAT. The Army pulled out of OPBAT 10-1-07 and were replaced by 3 DEA Bell 212s and a fixed wing aircraft.

XXX Unknown w/CS1, CS3, CS4, FL2, UCG, TSC 9-2-03, 2-5-06

YWL USCGC THETIS (WMEC 910) w/J12, Z13 7-19-08, 9-7-08

Z03 USCG Unknown Sector in NE USA w/J11, J23, J33, IGY 4-3-08, 10-27-08
Z12 USCG Unknown w/TSC, KVQ 4-1-08, 9-2-08
Z13 USCG Sector Key West, FL 1-24-08, 11-2-08
Z29 USCG Poss. CAMSPAC, Point Reyes, CA 2-7-08, 11-3-08
Z30 USCG Unknown w/718 3-5-08
Z99 USCG CAMSLANT Chesapeake, VA w/F31 4-1-08

ZZZ Unknown 2-2-03

This is a list of ALE ids that have been decoded on COTHEN, but have only been logged once. Some appear to be single use trigraphs and others appear to be bogus. If an id repeats itself over time and appears to be a real id then it will be transferred to the actual COTHEN id list.

05Z w/LNT	7-31-07
18E w/Z29	2-10-08
256 w/TSC	11-13-04
336 w/TSC	9-19-07
646	3-8-04
6D3	4-2-08
704WPB w/PAC	8-27-08
71E	3-15-04
723	10-22-06
907	11-8-04
A36	4-20-07
A54 w/F04	4-25-06
A98 w/CS9	3-7-04
B36	8-31-05
BST w/J12	8-19-08
C51 w/I54, O58	3-7-04
C55	6-29-04
C97 w/A97	3-21-04
CAD49 w/CNT	10-13-05
CBB w/TSC	8-11-05
CQ4 w/J09	3-7-06
CR1 w/J28	1-3-08
CXZ w/OPB	10-4-05
D40	12-11-07
D54	4-21-05
D67	12-16-04
D71	2-25-04
D77	2-25-04
DLL	3-10-08
E7A w/TSC	9-15-07
F15 w/J15	7-9-03
F1K w/LJW	9-23-07
FS1 w/CSK	4-22-08
FS6	4-6-04, 4-14-04, 4-15-04
G43	8-31-05
G40 w/OPB	11-7-04
G51 w/M69	5-9-04
GAV	1-24-06
I04	6-12-06
I23	9-2-05
I72 w/CRB	2-22-05 possible I01
HNJ	2-27-05
HNT w/J42	9-25-05
IKE w/BOB	1-14-05
K0Q w/OPB	10-5-05
KCY w/LAB	2-28-04
KSN w/LNT	3-6-06
LFU w/J33	1-10-06
LLF w/J33	1-18-08
LOI w/501	1-18-08
M07 w/CS9	6-14-04
M76 w/716	11-23-04
M80	4-14-04
M87	7-11-03
M90 w/CS4	3-14-04
M99 w/CRB	8-21-05

MGM w/MUG	7-7-04
MS9 w/CS6	5-9-04
MUX w/D44	2-07-03
MV2P	
MV7P	
MVR w/JOE	11-13-03
MVX w/TRC	10-19-03
NQ8 w/J18	9-4-05
O0F w/LNT	7-3-05
O13	9-2-05
O20	2-26-04
O33	
O58 w/C51	3-7-04
OOE	9-2-05
P86 w/J41	1-15-05
S29	12-11-04
S52 w/PNR400	10-7-04
SEC w/WST	5-6-06
TAA w/A48	3-8-08
T17 w/T07	9-21-05
T6F	6-9-04
T6W w/CS6	9-22-04
TCA	8-31-05
TNE w/J36	1-24-06
TSJ w/RPM	9-10-05
V10 w/X10	9-14-06
V4M w/LAB	2-28-04
VIG	3-5-06
VOJ w/J38	9-4-08
W70 w/CS3	4-30-04
WCV	4-24-05
WDD w/LNT	3-7-06
WLX w/LNT	9-29-05
WTT w/T9F	10-3-05
X10 w/V10	9-14-06
X76 w/OPB	1-26-06
XET w/502	8-30-07
XK1	4-2-08
YU0	4-2-08

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----- **FBI ALE Net** -----

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----- Frequencies

Freqs: 2808.5, 4991, 5058.5, 5388.5, 7778.5, 7903.5, 9183.5, 10913.5, 11073.5, 11491, 14458.5, 14493.5, 14532.5, 15953.5, 18171, 18666, 19344.5

Voice: 10913.5 (2/05), 14493.5 (2/05)

The following are also listed in many freq lists, but after monitoring them for four months in 2004 I did not log any traffic on them:

5912, 9331.5, 10498.5, 11452, 11524.5, 12215.5, 16090, 18218, 20535, 20348.5, 20402.5, 23402.5

----- Idents

AL1 FBI, Albany, NY w/IP1
AN1 FBI, Anchorage, AK w/SE1
AQ1 FBI, Albuquerque, NM
AT1 FBI, Atlanta, GA w/QT10
AU1 FBI, Austin, TX
BA1 FBI, Baltimore, MD
BF1 FBI, Buffalo, NY
BI1 FBI, Birmingham, AL
BS1 FBI, Boston, MA
BT1 FBI, Butte, MT
CE1 FBI, Charlotte, NC
CG1 FBI, Chicago, IL
CI1 FBI, Cincinnati, OH
CL1 FBI, Cleveland, OH w/CO1, OM2
CO1 FBI, Columbia, SC w/CL1
CV1, FBI Cleveland, OH
DE1, FBI Detroit, MI
DL1 FBI, Dallas, TX
DN1 FBI, Denver, CO
EP1 FBI, El Paso, TX
GM1 FBI
HN1 FBI, Houston, TX
HO1 FBI, Honolulu, HI
HQ1 FBI, Washington, DC
IP1 FBI, Indianapolis, IN w/AL1, KX1
JC1 FBI

JK1 FBI, Jacksonville, FL
JN1 FBI, Jackson, MS
KC1 FBI, Kansas City, MO
KX1 FBI, Knoxville, TN w/IP1, MM1
KW1 FBI, Key West, FL
LA1 FBI, Los Angeles, CA, voice call KMI66
LR1 FBI, Little Rock, AR
LR2 FBI, Little Rock, AR
LRC33
LS1 FBI, Louisville, KY
LV1 FBI, Las Vegas, NV
ME1 FBI, Memphis, TN
MIACMU, FBI Crisis Management Unit, Miami, FL
MM1 FBI, Miami, FL w/KX1
MM2 FBI, Miami, FL
MO1 FBI, Mobile, AL
MP1 FBI, Minneapolis, MN
MW1 FBI, Milwaukee, WI
NF1 FBI, Norfolk, VA w/RH1, NY1
NH1 FBI, New Haven, CT
NK1, FBI Newark, NJ w/QT1
NO1 FBI, New Orleans, LA
NY1 FBI, New York, NY w/NF1
OC1 FBI, Oklahoma City, OK
OM1 FBI, Omaha, NE
OM2 FBI, Omaha, NE w/CL1
PD1 FBI, Portland, OR
PG1 FBI, Pittsburgh, PA
PH1 FBI, Philadelphia, PA
PO1 FBI, Portland, OR
PX1 FBI, Phoenix, AZ
QT1 FBI, Quantico, VA w/SF1, NK1
QT2 FBI, Quantico, VA, voice call KGE22A
QT5 FBI, Quantico, VA
QT8 FBI, Quantico, VA
QT10 FBI, Quantico, VA w/AT1
QW10
RH1 FBI, Richmond, VA w/NF1
SA1 FBI, San Antonio, TX
SC1 FBI, Sacramento, CA
SD1 FBI, San Diego, CA w/SF1
SE1 FBI, Seattle, WA w/AN1
SF1 FBI, San Francisco, CA w/SD1, QT1
SI1 FBI, Springfield, IL
SJ1 FBI, San Juan, PR
SL1 FBI, St. Louis, MO
SU1 FBI, Salt Lake City, UT
SV1 FBI, Savannah, GA
TP1 FBI, Tampa, FL
WF1 FBI, Washington, DC

----- SKYWATCH Net -----



US Army South Flight Following Service (SKYWATCH) Net, Soto Cano AB, Honduras

Joint Task Force-Bravo is located at Soto Cano Air Base, Honduras. JTF-Bravo is comprised of approximately 550 US military personnel and more than 650 US and Honduran civilians. They work in six different areas including the Joint Staff, Air Force Forces (612th Air Base Squadron), Army Forces, Joint Security Forces and the Medical Element. 1st Battalion, 228th Aviation Regiment, a US Army South asset, is a tenant unit also based at Soto Cano.

The Air Force Forces has among its functions; weather forecasting, fire protection, and maintaining a 24-hour C-5-capable runway. The Army Forces operate finance, food service and transportation. Joint Security Forces is comprised of Air Force, Army and Marine force protection personnel who patrol the base and downtown areas frequented by US servicemembers.

Since 1999, the 1-228th "Winged Warriors" have assumed the complete role of a Theater Aviation Battalion. The total force structure consists of a Headquarters & Headquarters Company (Phantoms); Alpha Company (Talons) with 10x UH-60A aircraft; Bravo Company (Sugarbears) with 4x CH-47D aircraft; and the U.S. Army Air Ambulance Detachment (Witchdoctors) with 4x UH-60A aircraft. The Battalion's Command & Control Detachment (Nomads) supports U.S. Army South with 2x UH-60A (C2) aircraft.

The 1-228th Aviation Regiment Conducts Aviation Operations Throughout USSOUTHCOM's Area of Responsibility with UH-60 Black Hawk and CH-47 Chinook helicopters. The purpose of the battalion is to promote and execute aviation operations to facilitate the CINC SOUTH's strategy of engagement and security in the theater. The battalion is capable of deploying and sustaining operations throughout the theater. Typical missions conducted by the battalion include: counter drug operations, disaster relief, humanitarian assistance, air movement of people equipment and supplies, Aero-medical evacuation, and limited search and rescue. The command structure of the battalion is capable of exercising command and control for Commander, USARSO of army aviation assets deployed to the theater. In addition to these operational missions, the battalion participates in selected special events and VIP support missions.

Skywatch, the Army's Airspace Information Center, monitors flights and provides timely communication to aircrews.

Their mission is to provide U.S. Army South and U.S. Southern Command with direct flight support on all DoD and other government aircraft positioning 24 hours a day.

Skywatch maintains data for all aircraft operating within the visual flight rules of the USSOUTHCOM area of responsibility. They also assist in the coordination and tracking of all medical evacuations in Central America. These monitoring procedures are done through aircraft flight checks every 15 minutes while flights are in operation over the AOR and are maintained until aircraft reach their final destinations. Skywatch is manned with eight military members and eight civilians.

*Update: Two 1-228th UH-60As departed Soto Cano on 28 Jan. 05 to be turned over to the National Guard.

*Update: Three UH-60s were picked up at Soto Cano on 22 March 05 by a Russian An-124 Condor.

Photo Source: GlobalSecurity.org



Frequencies

Voice: 5310, 8120 Tertiary, 11410 Primary, 15025, 15790 Secondary

ALE: 2630, 4060, 4438.5 (08), 5787.5, 6502.5, 6761, 6780, 7350, 7531.5, 7720, 8065, 8527.5, 8972, 9121.5, 9865, 10692.5, 11628.5, 12022, 14761.5, 15492, 16144.5, 19103.5, 19208

Unconfirmed: 3290.5, 4775.5, 5304, 5818.5, 9191.5, 10630, 10740, 12061.5

Idents

171OPS USA 1-171st AVN Ops, Dobbins JARB, GA (UH-60Ls, CH-47Ds) w/SKYWAT, R26601, R26606 2-9-06, 4-19-06
228FWD USA Deployed element, 1/228th Avn Bn 3-13-04, 3-16-04
228RER USA Deployed element, 1/228th Avn Bn
HONDO1 Unknown (Probable USA) w/SKYWAT 1-24-05, 2-11-05
HONDO2 Unknown (Probable USA) 2-8-05
HONDO3 Unknown (Probable USA) w/SKYWAT 3-1-05
NARCO Unknown w/RUH955, RUH960, SKYWAT, WAROPS 4-5-05, 10-26-06
OPS171 USA 1-171st AVN Ops, Dobbins JARB, GA (UH-60Ls, CH-47Ds) w/SKYWAT 2-7-06
R00002 USA helicopter w/WAROPS 8-1-08
R22988 USA UH-60A # 78-22988 w/SKYWAT 3-16-06
R26606 USA UH-60L # 95-26606 w/SKYWAT, 171OPS 3-10-06
R26881 USA UH-60L # 01-26881 w/SKYWAT 3-15-06, 3-22-06
RCH132 USA CH-47D 1-228th Avn Bn w/WAROPS 11-7-06
RCH134 USA CH-47D 1-228th Avn Bn
RCH136 USA CH-47D 1-228th Avn Bn w/SKYWAT 3-13-04, 2-3-05
RCH638 USA CH-47D 1-228th Avn Bn w/SKYWAT 10-7-05, 2-21-07
RUH006 USA UH-60 1-228th Avn Bn w/RUH962, WAROPS 3-9-05, 3-27-07
RUH955 USA UH-60L # 02-26955 1-228th Avn Bn w/SKYWAT, NARCO, WAROPS 1-19-05, 8-2-06

RUH956 USA UH-60L # 02-26956 1-228th Avn Bn w/SKYWAT 3-28-05, 3-16-06
RUH957 USA UH-60L # 02-26957 1-228th Avn Bn w/SKYWAT, WAROPS 1-12-05, 2-21-07
RUH958 USA UH-60L # 02-26958 1-228th Avn Bn w/SKYWAT 3-13-04, 4-12-06
RUH959 USA UH-60L # 02-26959 1-228th Avn Bn w/SKYWAT, WAROPS 3-13-04, 5-18-07
RUH960 USA UH-60L # 02-26960 1-228th Avn Bn w/SKYWAT, WAR, NARCO 1-26-05, 11-29-05
RUH962 USA UH-60 1-228th Avn Bn w/SKYWAT, RUH006 3-13-04, 11-9-05
RUH963 USA UH-60L # 02-26963 1-228th Avn Bn w/SKYWAT, WAROPS 1-12-05, 10-12-05
RUH976 USA UH-60 1-228th Avn Bn w/SKYWAT 2-8-05, 8-9-05
RUH978 USA UH-60 1-228th Avn Bn 8-18-05
RUH980 USA UH-60 1-228th Avn Bn w/SKYWAT, RUH984 1-13-05, 4-13-05
RUH981 USA UH-60 1-228th Avn Bn w/NARCO, SKYWAT, WAROPS 3-15-04, 8-16-07
RUH984 USA UH-60 1-228th Avn Bn w/WAROPS, SKYWAT, RUH980 11-16-04, 4-12-06
RUH985 USA UH-60L # 03-26985 1-228th Avn Bn w/SKYWAT 1-4-05, 9-5-06
RUH993 USA UH-60 1-228th Avn Bn w/SKYWAT 1-12-05
SKYWAT USA US Army South Flight Following Facility, Soto Cano AB, Honduras w/WAROPS, NARCO, 171OPS, OPS171
WAROPS USA Winged Warriors Operations, 1-228th Avn Bn, Soto Cano AB, Honduras w/NARCO, RCH132, RUH957, RUH959 3-13-04, 9-24-08