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## ----- COTHEN ALE List -----

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Last Updated: 2-14-16

Send updates, additions, & corrections to mjc843 at gmail.com

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This list contains ALE address and frequency information for the COTHEN ALE Net as well as Commsta Kodiak and other logged USCG ALE nets.

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COTHEN background info:

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COTHEN is an HF ALE network that uses landlines to connect nineteen transmission sites spanning the nation in order to form one unified coverage area. Currently, the network has 19 sites, 89 remote communications consoles (RCC's), and a TSC in Orlando, FL.

Back in 1984, the design for a 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 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.

COTHEN now provides communications support for hundreds of aircraft, marine interdiction vessels, command offices, and numerous 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 TSC constantly monitors all communications using the network by tracking the radio calls of all assets. The TSC operators ensure that communications are established and that links are optimal. This is done by observing which land site a radio call is using to establish the link. If the link is not the best one possible, the TSC operator can remotely change the site, improving the quality of the communications.

The TSC is an important aspect of COTHEN because it provides a central hub for the network and because it is staffed by highly experienced operators. There is a back-up control site for the TSC in Cedar Rapids, Iowa. Having a secondary control site protects COTHEN against any terrorist attack or natural disaster, such as a hurricane.

Each 1 KW transmission site has two antennas; Omni TS 530 and a Directional TS 540.

2008 Coast Guard documents list 19 transmitter sites in the COTHEN network:

<b>Site I.D -</b>	<b>Latitude Longitude -</b>	<b>Town</b>
ATL -	32 55' 18" N 84 39' 33" W	Warm Springs, GA (S. of Atlanta)
MEM -	34 36' 59" N 090 04 53" W	Senatobia, MS (S. of Memphis)
OKO/OKD -	34 51' 46" N 097 51' 47" W	Chichasha, OK (SW of Oklahoma City)
LUV -	40 05' 21" N 118 31' 57" W	Lovelock, NV (NE of Reno)
RSH -	34 49' 02" N 078 07 55" W	Concord, NC (E of Fayetteville)
KCM -	38 36' 96" N 093 36' 35" W	Raleigh, NC
DEN -	39 26' 26" N 103 57' 31" W	Agate, CO (SE of Denver)
ABQ -	35 08' 39" N 105 54' 31" W	Stanley , NM (E of Albuquerque)
CDI -	34 57' 30" N 076 16' 36" W	Cedar Island, NC (SE of Raleigh, E of Jacksonville)
VGS -	36 35' 44" N 114 29' 27" W	Longandale, NV (NE of Vegas)
RNO -	38 52' 00" N 119 24' 38" W	Simpson, NV (SE of Reno)
SEA -	34 58' 07" N 078 23' 32" W	Clinton, NC (E of Fayetteville)
CDR -	42 00' 26" N 091 29' 43" W	Marion, IA (E of Cedar Rapids)
SAR -	27 21' 15" N 081 52' 25" W	Limestone, FL (E of Sarasota)
FTM -	26 33' 38" N 081 25' 00" W	Sarasota, FL
PR1 -	18 29' 08" N 066 37' 59" W	Islote, PR (W of San Juan)
CR1-CR8 -	42 03' 18" N 091 63' 75" W	Omaha, NE
SS1 -	42 00' 26" N 0 91 29' 43" W	Cedar Rapids, IA

These site locations were selected by Customs to give optimum coverage of the area of operation.

11-2015 - Service Center states on air there is a new COTHEN antenna in Honolulu.

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## **Frequencies**

### **COTHEN Net**

Original 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 traffic

6-09 - Regular COTHEN traffic appeared on 4614.5, 5909.5, 12222, 13312, 14582, 20662 kHz.

12-23-09 - Service Center reports, over the air, there are 14 channels in the COTHEN net. Mentions it again 6-22-11 and 10-21-11.

7-11-10 - COTHEN freqs monitored in 2010: 4614.5, 5250, 5732, 5909.5, 7527, 8912, 10242, 11494, 12222, 13312, 13907, 14582, 15867, 18594, 20890 kHz USB

12-8-11 - COTHEN freqs logged in 2011: 5732, 5909.5, 7527, 8912, 10242, 11494, 12222, 13312, 13907, 14582, 15867, 18594, 20890, 23214, 24838.5, 25350 kHz USB

COTHEN freqs logged in 2012-2015: 5250, 5732, 5909.5, 7527, 8912, 10242, 11494, 12222, 13312,

13907, 14582, 15867, 18594, 20890, 24838.5

### **Commsta Kodiak ALE Net**

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Freqs: 3053, 4730, 6709, 9034, 11196, 13221, 15082, 17988, 20135.6, 23072.6 kHz USB.

### **District 1 2006 NVIS Antenna Tests**

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

### **LANT Cutter Net (Sporadic use)**

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4900.6 (4/10), 6709 (4/10), 6742 (9/12), 7791.6 (4/10), 8337.6 (2/10), 8339 (9/08), 9034 (8/09), 10538.6  
(3/12), 13494.6 (3/12), 17992.6 (3/12), 20330.1 (1/12) kHz USB

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

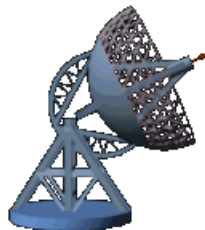
Two District 8 cutters were logged in December 2009 sounding on 4614.5, 5320, and 5696.

1-9-12 - Cutter SPENCER was logged sounding on 17992.6 and 20330.1 kHz

3-17-12 - Cutter VENTUROUS was sounding on COTHEN and 10538.6, 13494.6, 17992.6, 23072.6 kHz

10-30-12 - Cutter DILIGENCE sounding on 5321.4 kHz

1-27-14 - Cutter DILIGENCE sounding on 6516 kHz



### **ALE Idents**

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The following idents appear on the nets.

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

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001 USCG HC-130J #2001  
002 USCG HC-130J #2002  
003 USCG HC-130J #2003  
004 USCG HC-130J #2004  
005 USCG HC-130J #2005  
006 USCG HC-130J #2006

00N CBP CESSNA 550 #N1200N w/EST 12-16-08

014FEM FEMA Station WGY9014 w/TSC 12-7-06, 7-10-07

019FEM FEMA Station WGY9019 w/AL4 11-30-06

01B USCG Response Boat-Medium 45601 w/LGV 10-13-12

01D Unknown w/TSC, 46E, 08D 12-12-14, 6-1-15

01Y USCG Unknown w/Z08 11-28-14  
01Z USCG District 1 Ops 12-10-09, 10-27-15

02D Unknown 1-19-11  
02E Unknown w/720 8-9-09, 1-22-10

034FEM FEMA Station WGY9034, South Carolina w/FC4, TSC 12-7-06

03B USCG Response Boat-Medium 45603 1-15-10

03D Unknown w/46E 9-2-15

03M USCG Response Boat-Medium 45703 9-17-11

03X COTHEN Remote Directional Transmitter, Omaha, NE 12-6-08, 5-9-15

04D Unknown w/45E, 46E 9-27-15, 9-30-15

04M USCG Response Boat-Medium 45704 w/Z09, Z10, Z16 9-6-13, 2-13-16

05C Unknown w/JOR 2-9-10, 10-3-13  
05D Unknown w/Z17 5-25-12, 8-26-12

05M USCG Response Boat-Medium 45705 w/Z16, Z12 3-23-14, 6-18-15

05Z USCG District 5 Ops w/LNT, NOJ, OPB, PAC, TSC 3-27-07, 12-24-15

06D Unknown w/TSC 2-15-13

07C Unknown w/JOR 2-9-10  
07K Unknown w/VES, IKL, 711 4-28-09, 7-15-11  
07M Unknown w/VES 1-5-08, 11-17-09  
07P Unknown w/JOR 1-4-08  
07Z USCG District 7 "Miami Ops" w/UHC, 719, J03, 500 3-26-10, 1-31-16

08D Unknown w/01D, NGB 6-1-15, 6-3-15  
08N Unknown w/JOR 3-10-12  
08R Unknown w/Z09 3-21-14, 2-7-15  
08Z USCG District 8 Ops 3-24-12, 1-21-16

09CD Unknown w/J04 9-14-13, 9-16-13

09M USCG Response Boat-Medium 45709, Charleston, SC 10-3-13

09X COTHEN Remote Directional Transmitter, Omaha, NE 12-16-08, 2-7-16

0WK USCG Unknown w/K79 11-5-14, 1-7-16

10R Unknown 4-20-12

11A USCG Response Boat-Medium 45611 w/Z09 3-26-15, 1-15-16

11Z USCG District 11 Ops 4-1-12, 6-5-15

13Z USCG District 13 Ops w/58B 3-20-15

14A USCG Response Boat-Medium 45614 w/TSC 9-15-13

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

14R Unknown w/TSC 4-28-12

14Z USCG District 14 w/K48 11-17-12, 6-21-13

150PRI COTHEN Remote Directional Transmitter, Omaha, NE 11-18-08

15E Unknown 1-13-10, 2-9-10

15X COTHEN Remote Communications Directional Transmitter, Omaha, NE 12-10-08, 2-7-16

19E Unknown 5-13-14

201 See I01 w/WST 11-9-04

21A USCG Response Boat-Medium 45621 12-13-14

21X COTHEN Remote Directional Transmitter, Omaha, NE 12-16-08, 1-22-16

210PRI COTHEN Remote Directional Transmitter, Omaha, NE 10-22-08

22M USCG Response Boat-Medium 45722 w/Z10 3-18-15, 10-17-15

24E Unknown w/Z19 10-27-13

25C Unknown callsign "CHARLIE 25" w/BGN, TSC 12-20-14, 7-26-15

270 Unknown w/275 1-8-15

270PRI COTHEN Remote Directional Transmitter, Omaha, NE 12-5-08

273 Unknown w/270 1-14-15

275 Unknown w/270 1-8-15

27X COTHEN Remote Directional Transmitter, Omaha, NE 3-10-10, 2-9-16

27XPRI COTHEN Remote Directional Transmitter, Omaha, NE 12-5-08, 12-16-08

301 USCG HC-144A #2301 5-24-10

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

30A USCG Response Boat-Medium 45630 w/Z09, Z37 10-20-14

30PRI COTHEN Remote Directional Transmitter, Omaha, NE 12-5-08

312 USCGC SANIBEL (WPB 1312) 2-22-10

314 USCGC SEPELO (WPB 1314) 10-24-14

33X COTHEN Remote Directional Transmitter, Omaha, NE 12-16-08, 2-5-16

330PRI COTHEN Remote Directional Transmitter, Omaha, NE 10-22-08, 12-5-08

34B USCG Response Boat-Medium 45634 2-8-16

34E Unknown w/LNT 11-7-14

36A Unknown w/TSC 10-19-12  
36C Unknown 4-8-14  
36E Unknown w/TSC 3-31-10

40E Unknown 12-15-14

41M USCG Response Boat-Medium 45741 w/Z10 5-15-14, 6-12-15

3CB Unknown w/TSC 2-19-11

40E Unknown w/Z29 10-15-13

41M USCG Response Boat-Medium 45741 w/Z10 4-17-15, 2-9-16  
42M USCG Response Boat-Medium 45742 8-3-14, 1-23-15

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

43A Unknown w/TSC 9-22-12  
43E Unknown w/TSC 8-28-09, 9-8-09

43M USCG Response Boat-Medium 45743, Charleston, SC 4-26-14

44A USCG Response Boat-Medium 45644 w/Z09 10-15-13, 4-25-15

44M USCG Response Boat-Medium 45744 5-29-14

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

45E USCG Unknown small trailered boat, voice call "145" w/04D 9-30-15

46A Unknown 4-8-12  
46E Unknown w/LNT, 01D, 03D, 04D 11-7-14, 9-27-15

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

5## USCG HC-130s  
502 USCG HC-130H #1502, CGAS Clearwater  
503 USCG HC-130H #1503, CGAS Elizabeth City

560 Unknown 11-1-12

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

58B USCG Response Boat-Medium 45658 w/13Z 3-20-15

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

5MJ Unknown w/TSC 7-20-11

603 Poss. CBP Marine Interceptor 1-20-15  
626 Poss. CBP Marine Interceptor w/TSC 11-15-04, 3-30-06

630 Poss. CBP Marine Interceptor w/CS3 4-10-04  
62C USCG Response Boat-Medium 45662 11-20-15  
65A USCG Response Boat-Medium 45665 11-15-14  
67A USCG Response Boat-Medium 45667 w/PAC 7-7-12  
702 Poss. CBP Marine Interceptor w/ICE 2-26-10, 4-16-10  
7## USCG HC-130s  
700 USCG HC-130H #1700  
701 USCG HC-130H #1701  
702 USCG HC-130H #1702  
703 USCG HC-130H #1703  
704 USCG HC-130H #1704  
706 USCG HC-130H #1706 w/STR 6-24-05  
707 USCG HC-130H #1707  
709 USCG HC-130H #1709  
711 USCG HC-130H #1711  
712 USCG HC-130H #1712  
713 USCG HC-130H #1713  
714 USCG HC-130H #1714  
715 USCG HC-130H #1715  
716 USCG HC-130H #1716  
718 USCG HC-130H #1718  
719 USCG HC-130H #1719  
720 USCG HC-130H #1720  
721 USCG HC-130H #1721  
73B USCG Response Boat-Medium 45673 5-31-15  
74B USCG Response Boat-Medium 45674 4-7-15  
77A USCG Response Boat-Medium 45677 11-1-15  
778 Poss. CBP Marine Interceptor w/PR1 2-05-03  
790 USCG HC-130H #1790  
79B USCG Response Boat-Medium 45679 w/Z16 6-4-14, 12-21-14  
801 Poss. CBP Marine Interceptor w/CS5 2-4-03  
821 Poss. CBP Marine Interceptor w/CS6 3-2-04  
82M Unknown 10-3-13  
851 Unknown w/TSC 2-7-14  
894 Unknown w/TSC 2-20-11  
81B USCG Response Boat-Medium 45681 10-30-15, 11-7-15  
82A USCG Response Boat-Medium 45682 5-1-15  
83A USCG Response Boat-Medium 45683 4-6-12, 4-15-12  
83B USCG Response Boat-Medium 45683 w/Z16 3-1-14, 5-9-15  
84B USCG Response Boat-Medium 45684 w/790 12-5-14, 12-30-15  
85B USCG Response Boat-Medium 45685 5-3-14, 8-21-15  
87A USCG Response Boat-Medium 45687 4-14-12

87B USCG Response Boat-Medium 45687 w/Z17 4-12-12, 10-9-14

89M w/EST, TSC 1-20-10, 5-10-12

90PRI COTHEN Remote Communications Directional Transmitter, Omaha, NE 11-18-08

93A USCG Response Boat-Medium 45693 9-21-12, 9-22-15

932ICE ICE Unit w/TSC 5-7-09, 6-2-09

938ICE ICE Unit, voice call "938" w/TSC 2-29-12

939ICE ICE Unit 11-5-12, 4-20-14

947ICE ICE Unit w/TSC 4-14-12

948ICE ICE Unit w/TSC 2-10-10

951ICE ICE Unit w/TSC 1-19-10

95M Unknown w/Z10 12-15-14, 7-30-15

96B USCG Response Boat-Medium 45696 7-29-15

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

97A USCG Response Boat-Medium 45697 w/Z09 2-7-16

97D USCG MH-65C #6597 w/OPB, TSC 5-17-08, 5-25-08

995ICE ICE Unit 5-29-14

99L Unknown w/Z09 11-9-14

99M Unknown w/CRB, TSC 6-16-09

9AC Unknown w/21A 1-26-11

9CD Unknown w/N01 5-3-08, 10-31-13

A0M Unknown w/EST 4-14-14, 12-5-15

#### A## CBP Medium Lift Helicopters

A10 CBP UH-60 tail # 78-23010 10-11-03, 4-13-10

A18 CBP UH-60 tail # 77-22718 "OMAHA 718" over Charleston, SC 8-15-07 7-5-03, 10-20-13

A20 CBP UH-60 tail # 79-23320 1-30-03, 7-14-10

A21 CBP UH-60 tail # 79-23321 "OMAHA 321" 1-21-03, 2-22-14

A23 CBP UH-60 tail # 80-23423 "OMAHA 423" w/TSC, MCC, CRB, OPB 7-3-03, 11-20-15

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, 9-18-11

A40 CBP AB139 #N140HS "OMAHA 140" 2-7-08, 1-29-14

A41 CBP UH-60 tail # 87-24641 "OMAHA 641" w/WCR 2-15-04, 5-18-15

A42 CBP Poss. AS 350B #N842BP 2-23-10

A44 CBP UH-60 tail # 79-23344 "OMAHA 44" w/P21 1-27-03, 7-9-14

A47 CBP UH-60 tail # 82-23747 "OMAHA 747" w/CNT 2-08-03, 4-25-11

A48 CBP UH-60 tail # 86-24548 w/TAA, CNT, WST 1-17-03, 2-7-11

A50 CBP UH-60 tail # 79-23350 w/EST, WST 2-7-03, 3-8-14

A58 CBP UH-60 tail # 86-24558, "BLACKHAWK 558", "OMAHA 558" 7-4-03, 11-25-15

A61 CBP UH-60M tail # 08-27171 w/CNT 6-6-14, 6-6-15

A65 CBP UH-60 tail # 80-23465 6-26-03, 9-26-15

A70 CBP UH-60 tail # 82-23670 "OMAHA 670" w/WST 12-31-02, 3-8-14



A71 CBP UH-60M tail # 08-27171 6-23-12, 12-7-12  
A72 CBP UH-60M tail # 08-27172 "OMAHA 172" 6-26-12, 7-30-15  
A73 CBP UH-60M tail # 08-27173 w/TSC 10-14-11, 10-25-15  
A82 CBP UH-60 tail # 78-22982 11-19-03, 9-1-12  
A86 CBP AS 350 #N186AE 1-31-11  
A92 w/L02 5-18-14  
A97 CBP UH-60 tail # 79-23297 "OMAHA 297" 7-29-03, 5-11-11  
A99 CBP UH-60 tail # 79-23299, "OMAHA 299", Miami AMB, Homestead JARB, FL 2-06-03, 2-8-16

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

AAD USCGC PAUL CLARK (WPC 1106) 11-20-15, 11-21-15

ABJ Prob USCGC w/Z15 4-13-12

ABK USCGC FARALLON (WPB 1301) 3-4-15

ABQ COTHEN Remote Communications Transmitter, Stanley, NM 6-28-09, 2-7-16  
ABQPRI COTHEN Remote Communications Transmitter, Stanley, NM (ABQ) 9-28-08, 5-3-14  
ABQSEC COTHEN Remote Communications Transmitter, Stanley, NM (ABQ) 9-27-07, 5-4-12

ADD USCGC Unknown cutter w/DIL, TSC, J08, J09, J39, N01, C50, MR1 11-14-06, 10-3-13

ADQ USCGC District 17 unit 12-9-04, 10-7-05

AKJ USCGC CHARLES DAVID (WPC 1107) w/NMH1 3-10-14, 6-7-14

AL4 FEMA WGY954, Alabama EOC, Montgomery, AL w/019FEM 11-30-06, 12-7-06  
AL4FEM FEMA WGY954, Alabama EOC, Montgomery, AL w/TSC 11-14-08, 12-10-08  
AL4FMA FEMA WGY954, Alabama EOC, Montgomery, AL w/TSC 12-7-06, 5-15-07

ALC Poss. Aviation Logistics Center, Elizabeth City, NC Unknown w/TSC, J26 8-22-14, 4-24-15

ANG Army National Guard Base Station w/TSC1 4-2-15  
ANG02 Iowa Army National Guard Base Station w/R08814, MOBIL1 3-13-15, 4-8-15  
ANG04 Army National Guard Base Station w/R23449 8-6-15  
ANG05 Army National Guard Base Station w/R23997 8-5-15  
ANG07 Army National Guard Base Station w/TSC 3-22-15  
ANG09 224 AVN, Virginia Army National Guard Base Station w/R26844 6-1-15

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

APP Unknown w/MR1 7-15-15  
APP01 Unknown w/TSC 2-20-15  
APP02 Unknown w/TSC 2-20-15

AQD USCGC JARVIS (WHEC 725) 2-17-12

ARU USCGC COHO (WPB 87321) 3-26-15, 1-28-16

AST USCGC Unknown w/H99 8-29-04

ATL COTHEN Remote Communications Transmitter, Warm Springs, GA 3-27-10, 1-9-16  
ATLPRI COTHEN Remote Communications Transmitter, Warm Springs, GA (ATL) 12-6-07, 7-13-10  
ATLSEC COTHEN Remote Communications Transmitter, Warm Springs, GA (ATL) 12-20-07, 3-10-09

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

AV7 Unknown 4-24-15

AVC USCGC SOCKEYE (WPB 87337) 12-21-15

AXP USCGC HADDOCK (WPB 87347) w/Z29, PAC 4-8-08, 4-3-09

AYL USCGC DOLPHIN (WPB 87354) w/TSC 7-22-08, 3-11-09

AYS USCGC BRANT (WPB 87348) w/Z19 8-23-14, 8-27-14

AYT USCGC SHEARWATER (WPB 87349) w/TSC 3-19-15

AYU USCGC PETREL (WPB 87350) w/Z29 4-10-08, 11-27-15

AYV USCGC FIR (WLB 213) 3-3-10

B02 Unknown w/TSC 10-6-05

B03 Unknown

BCQ USCGC Bertholf (WMSL 750) w/BGN 1-24-12, 4-19-13

BCU USCGC SAWFISH (WPB 87357) w/Z13, Z29, TSC 3-27-08, 1-18-10

BGN USCGC WAESCHE (WMSL 751) w/NOJ, BCQ, C30, Z32 1-10-12, 12-19-14

BGN1 USCGC WAESCHE (WMSL 751) interceptor boat w/TSC 12-6-14, 12-10-14

BGR See BGRNG

BGRNG Maine Army National Guard AASF #1, Bangor IAP, Bangor, ME w/R22980, R26191, R26668, R26671, R26672, L1126, MEJT01, REDHWK 7-1-15, 2-5-16

BHF USCGC SEQUOIA (WLB-215) 8-7-13

BNW USCG SITKINAK (WPB 1329) 4-8-09, 3-15-13

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

BRF USCGC OSPREY (WPB 87307) 6-19-14

BUA USCG Unknown w/LNT 7-30-15

C## US Army Corps of Engineers ground stations and mobiles. The Corps of Engineers has 15 Deployable Tactical Operations System Emergency Command and Control Vehicles and 3 Mobile Communications Vehicles used to support FEMA and DHS communications during a crisis/disaster. There are 15 ECCVs located across the continental U.S. as follows: 6-Mobile, AL; 3-Sacramento, CA; 1-Baltimore, MD; 1-Nashville, TN; 1-St. Louis, MO; 1-Ft. Worth, TX; 1-Los Angeles, CA; 1-Portland, OR. There is one MCV at each of the following locations: San Juan, PR; Mobile, AL; Baltimore, MD. Three were used at the WTC after 9/11.

C01 USACE Rapid Response Vehicle 6-9-04, 3-17-10

C01A USACE w/C02A, C10 9-21-12, 3-27-13

C02 USACE Rapid Response Vehicle 9-20-03, 12-5-14

C02A USACE w/C32, C01A, C03A 5-18-11, 12-5-14

C03 USACE Rapid Response Vehicle, voice call "RRV 03" 3-17-10

C03A w/C02A, C10 2-14-11, 6-11-15  
C04 USACE Rapid Response Vehicle 3-3-04, 8-11-04  
C05 USACE Rapid Response Vehicle 7-15-04, 1-26-11  
C05A USACE w/COE, C06A 4-27-11, 3-13-15  
C06 USACE Rapid Response Vehicle 3-3-04, 2-19-09  
C06A USACE w/C05A 11-21-14, 1-23-15  
C08 USACE Rapid Response Vehicle w/CRB 5-19-11, 4-9-14  
C08A USACE w/C99, 001A 5-19-11, 9-17-15  
C09A USACE w/C10C 2-9-11  
C10 USACE Tactical Operations System, Mobile, AL w/C33A, C01A, C32 2-25-04, 1-11-16  
C10A USACE 4-29-11, 5-4-11  
C10B USACE w/COE 4-26-11  
C10C USACE w/C09A, C10, COE 2-9-11  
C11 USACE Emergency Command & Control Vehicle 9-20-03, 9-21-08  
C11A USACE w/C10 3-8-14, 4-16-14  
C12 USACE Emergency Command & Control Vehicle 3-3-04, 5-20-11  
C13 USACE Emergency Command & Control Vehicle 1-5-05, 2-9-05  
C20 USACE Communications Office, Mobile, AL w/C99 8-19-04, 6-14-14  
C21 USACE TOC, Mobile, AL 3-10-04, 9-14-06  
C22 USACE TOC 5-12-07, 5-16-07  
C23 USACE TOC, Mobile, AL 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/BGN, COE, TSC 3-3-04, 6-2-15  
C31A USACE w/ROOAA 6-19-14, 11-20-15  
C32 USACE w/C02A 5-18-11  
C32A USACE w/C10 9-27-13  
C33 USACE  
C33A USACE w/C10 2-11-11, 10-24-14  
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, ADD 11-6-03, 2-5-15  
C54 USACE  
C70 USACE Deployable Tactical Operations System Backup, Mobile, AL 4-14-10, 9-15-14  
C80 USACE w/C12 6-14-05, 2-15-06  
C99 USACE Portable radio unit w/TSC, C08A, C10, C20 5-25-05, 4-8-14

CAM USCG CAMSPAC Point Reyes w/CSK 12-2-08  
CAMSPAC USCG CAMSPAC Point Reyes 12-9-08, 1-22-09

CBE USCGC TAHOMA (WMEC 908) 6-15-05, 12-4-15  
CBE1 USCGC TAHOMA (WMEC 908) small boat 6-3-15

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

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

CDI COTHEN Remote Communications Transmitter, Cedar Island, NC 5-23-10, 1-2-16  
CDIPRI COTHEN Remote Communications Transmitter, Cedar Island, NC (CDI) 3-10-09, 6-14-10  
CDISEC COTHEN Remote Communications Transmitter, Cedar Island, NC (CDI) 12-17-08

CDR COTHEN Remote Communications Transmitter, Marion, IA 6-1-10, 2-7-16  
CDRPRI COTHEN Remote Communications Transmitter, Marion, IA (CDR) 9-28-07, 1-2-11  
CDRSEC COTHEN Remote Communications Transmitter, Marion, IA (CDR) 1-18-08, 1-23-09

CGA USCG Unknown w/790 3-1-05

CG1 USCG Unknown w/TSC, DIL, LNT 11-14-04, 5-26-10

CLR Unknown w/CS8 8-26-05

CMR Unknown w/RAY 2-2-05

CNF USCGC SAILFISH (WPB 87356) 9-14-15

CNT CBP AMOC Central Regional Communications Node 11-5-04, 1-31-16

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, C05A, C06, C10, C10C, C11, C12, C13, C20, C21, C23, C26, C27, C30, C35, C50, STR, T72, MV5 10-24-03, 3-10-14

COLDBAY USCG Air Facility Cold Bay, AK 1-30-09, 12-17-14

COV Unknown w/I3L 7-6-08

CPDST Unknown 5-14-10, 8-10-11

CPDST2 Unknown 6-28-11, 7-12-11

CPI USCGC CYPRESS (WLB 210) w/HSD 6-9-09, 9-16-15

CR1PRI COTHEN Remote Directional Transmitter, Omaha, NE (Northeast orientation) 3-5-08, 9-13-08

CR2 COTHEN Directional Transmitter, Omaha, NE (Northwest orientation)

CR3 COTHEN Directional Transmitter, Omaha, NE (030 degrees orientation)

CR4 COTHEN Directional Transmitter, Omaha, NE (090 degrees orientation) 11-23-06

CR5 COTHEN Directional Transmitter, Omaha, NE (150 degrees orientation) 2-20-08

CR6 COTHEN Directional Transmitter, Omaha, NE (210 degrees orientation)

CR7 COTHEN Directional Transmitter, Omaha, NE (270 degrees orientation) 3-5-08

CR8 COTHEN Directional Transmitter, Omaha, NE (330 degrees orientation)

CRB CBP AMOC Caribbean Regional Communications Node 11-2-04, 12-7-15

CS1 COTHEN Remote Communications Transmitter, Warm Springs, GA (ATL)

CS2 COTHEN Remote Communications Transmitter, Senatobia, TN (MEM)

CS3 COTHEN Remote Communications Transmitter, Chichasha, OK (OKO)

CS4 COTHEN Remote Communications Transmitter, Lovelock, NV (LUV)

CS5 COTHEN Remote Communications Transmitter, Concord, NC (RSH)

CS6 COTHEN Remote Communications Transmitter, Raleigh, NC (KCM)

CS7 COTHEN Remote Communications Transmitter, Agate, CO (DEN)

CS8 COTHEN Remote Communications Transmitter, Stanley, NM (ABQ)

CS9 COTHEN Remote Communications Transmitter, NC

CSK USCG COMMSTA Kodiak, AK remotely controlled by COMMCOM, Chesapeake, VA 9-15-04, 1-28-16

CT1 Unknown 3-30-12

CWX USCGC HUDSON (WLIC 801) w/FSS 12-9-08, 5-13-14

D## CBP P-3/Q200 Detector Units  
D01 CBP BOMBARDIER Q400 #N801MR, Miami AMB, Homestead JARB, FL, voice call "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  
D05 CBP BOMBARDIER Q400 #N805MR, Miami AMB, voice "OMAHA 5MR"  
D06 CBP BOMBARDIER Q400 #N806MR  
D07 CBP BOMBARDIER Q400 #N807MR  
D08 CBP BOMBARDIER Q400 #N808MR  
D14 CBP P-3A "Slick" #N18314/BuNo 150314, Corpus Christi AMB, TX, voice call "OMAHA 314"  
D23 CBP P-3B "Slick" #N423SK/BuNo 153423, Jacksonville AMB, FL, voice call "OMAHA 23SK"  
D31 CBP P-3B "Slick" #N431SK/BuNo 153431, Corpus Christi AMB, TX, 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, voice "OMAHA 6CS"  
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 "OMAHA 9CS" &  
"OMAHA 49"  
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"

DAV See DAVNG

DAVNG Iowa Army National Guard AASF #3 Ops, Davenport, IA w/R08814, MOBIL1 3-13-15, 12-4-15

DBC USCGC JUNIPER (WLB 201) 4-12-12, 8-24-14

DCK USCGC SANIBEL (WPB 1312) w/GWH 3-31-09, 2-22-10

DEN COTHEN Remote Communications Transmitter, Agate, CO (DEN) 2-11-11, 7-29-15

DENPRI COTHEN Remote Communications Transmitter, Agate, CO (DEN) 4-14-09, 1-2-11

DHH Unknown w/Z13, Z14 9-1-15

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, 10-19-15

DIS USCGC MATINICUS (WPB 1315) 7-22-15, 7-27-15

DIT USCGC MELLON (WHEC 717) 6-5-12, 11-7-14

DL1 Unknown COTHEN Remote Command Console w/TSC in voice comms mentioned Unit 35 and  
Unit 37 w/STR, TSC, AP1, MV5 2-25-05, 3-19-09

DL2 Unknown COTHEN Remote Command Console 4-24-15

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

DNT Unknown 1-8-15

DOE Unknown w/TSC 12-10-15

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

DRA USCGC CHARLES SEXTON (WPC 1108) 11-30-14

DTS USCGC DAUNTLESS (WMEC 624) 12-2-09, 4-14-15

DVB USCGC KATHLEEN MOORE (WPC 1109) w/AKJ 6-7-14

DWA USCGC MORGENTHAU (WHEC 722) w/PAC 2-3-09, 10-3-13

E## Unknown

E01 Unknown w/TSC 10-17-06, 4-30-11

E03 Unknown w/LNT 4-1-08, 5-4-12

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, 10-8-13

E36 Unknown

E42 Unknown 4-9-08

E43 Unknown w/Z13 7-16-09

E70 Unknown w/CS9 4-29-04

E82 Unknown w/LNT 9-1-05

EAP USCGC ISAAC MAYO (WPC 1112) w/TSC 11-22-14

EDI USCGC CUTTYHUNK (WPB 1322) w/TSC 9-27-08, 7-9-15

EJA USCGC RAYMOND EVANS (WPC 1110) w/TSC 5-7-14

EOB USCGC WAHOO (WPB 87345) 3-18-15, 5-25-15

EPM USCGC HERON (WPB 87344) w/Z18 4-15-15

EPP USCGC HEALY (WAGB-20) w/PAC, TSC 10-9-07, 8-20-15

ERH USCGC TYBEE (WPB 1330) w/Z03 11-23-08

EST CBP AMOC Eastern Regional Communications Node 11-4-04, 11-20-15

EUJ Unknown w/Z15 10-9-14

EUN Unknown w/LNT 4-7-15

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

FC1FEM FEMA WGY901 Region 1, Maynard, MA 4-21-10

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/CWX, HSD, Z13 6-4-08, 7-14-10

FGT Unknown w/CCC 7-9-08

FL# COTHEN Florida Remote Transmitters

FL1 COTHEN Remote Communications Transmitter, Limestone, FL (SAR) 7-6-03, 6-7-07  
FL1PRI COTHEN Remote Communications Transmitter, Limestone, FL (SAR) 2-5-09  
FL2 COTHEN Remote Communications Transmitter, Sarasota, FL (FTM) 7-6-03, 6-1-07

FL4FEM FEMA WGY974, Florida EOC, Tallahassee, FL w/TSC 5-27-09

FLL USCG Unknown w/TSC, UCG 2-10-09

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, 3-1-15

FOY USCGC SKIPJACK (WPB 87353) 3-14-15, 12-7-15

FP4FEM001 FEMA Station w/DIL during TS Ernesto 8-31-06  
FP4PFEM001 FEMA Station w/DIL during TS Ernesto 8-31-06

FPE USCGC MARGARET NORVELL (WPBC 1105) w/OPB 9-15-13

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

FSE Unknown, voice call "105" w/NMH3, P38, J33, MUD, MIBDOI, MR1, MR5, LB1, LB2, R00213, MV3, LB2, TSC 4-13-11, 9-30-15

FSH USCGC PELICAN (WPB 87327) 11-16-14, 6-7-15

FTM COTHEN Remote Communications Transmitter, Sarasota, FL (FTM) 3-3-10, 2-8-16  
FTMPRI COTHEN Remote Communications Transmitter, Sarasota, FL (FTM) 10-1-07, 1-26-11  
FTMSEC COTHEN Remote Communications Transmitter, Sarasota, FL (FTM) 9-6-07, 2-28-09

GA4FEM FEMA Station in Georgia w/TSC 8-10-08  
GA4FMA FEMA Station in Georgia w/TSC 8-1-07

GBL USCGC OCRACOCKE (WPB 1307) 10-17-08, 3-31-09

GDF USCGC MUNRO (WHEC 724) 8-17-07, 1-21-16

GEG Unknown 4-22-12, 7-28-15

GEI USCGC KEY LARGO (WPB 1324) 4-19-15

GML USCGC ALDER (WLB 216) 3-18-13, 4-21-13

GVT Unknown voice call "GOLF VICTOR TANGO" w/TSC 2-17-12

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, 4-6-09

H10 Unknown w/D02 10-9-13

HD1SEC Unknown w/MEMSEC 8-14-08

HF2 Unknown w/MV5 4-21-09

HFM CBP RCC address used when passing HF modem traffic (HFM = HF Modem) w/MR5, MV5

4-22-09, 6-17-11

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

HIC USCGC VIGILANT (WMEC 617) 2-21-10, 9-4-14

HKW USCGC CONFIDENCE (WMEC 619) w/JOR 9-1-07, 2-9-16

HNC USCGC HARRIET LANE (WMEC 903) 2-26-05, 12-7-14

HNC1 USCGC HARRIET LANE (WMEC 903) small boat 3-10-09, 6-20-09

HNL Possible COTHEN Remote Communications Transmitter, Honolulu, HI 10-30-15

HP3011 Unknown w/J13 5-6-07

#### HS# Series

HS1 Unknown w/TSC 6-13-07, 10-21-09

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/FFS, Z12, Z13, UCG, WHD 3-29-08, 8-4-11

HV9 Unknown 1-17-15

HWR USCGC MIDGETT (WHEC 726) w/TSC 8-1-11, 12-8-11

#### I## CBP Interceptor Aircraft

I00 CBP CESSNA 550 #N1200N 9-15-03, 5-5-15

I01 CBP CESSNA 550 #N37201, voice "OMAHA 201" w/WST, EST, CNT 1-17-04, 7-29-15

I08 CBP CESSNA 550 #N5408G, "OMAHA 08G" w/CS6, CS3, C04, CNT, WST 7-11-03, 7-29-15

I14 CBP CESSNA 550 #N4614N, "OMAHA 14N" 1-29-03, 4-27-14

I1L CBP CESSNA 550 #N6001L, voice "OMAHA 01L" w/CNT 6-26-03, 12-13-13

I201 CBP see I01 9-29-04

I21 CBP CESSNA 550 #N26621, voice "OMAHA 621" w/CNT 1-1-04, 3-30-12

I26 w/WST 10-15-11

I31 CBP CESSNA 550 #N2531K 1-30-03, 1-21-16

I34 CBP CESSNA 550 #N2734K 7-6-03, 2-5-16

I37 CBP CESSNA 550 #N6637G 7-1-03, 1-21-16

I3L CBP CESSNA 550 #N6763L w/COV 7-8-03, 6-4-11

I41 CBP Aircraft w/CRB 3-14-08

I43 CBP BEECH 65-A90 #N43SA "OMAHA 3SA" w/OPB, D47, EST 7-11-03, 11-30-12

I49 CBP CESSNA 550 #N12549 w/CS3, CS9 10-5-03, 11-1-12

I4J CBP CESSNA 550 #N5314J w/CNT, EST, WST 8-13-03, 2-12-16

I52 CBP CESSNA 550 #N752CC w/WST, SA3 7-8-03, 1-8-16

I53 CBP CESSNA 550 #N753CC w/CNT, WST 11-19-03, 11-9-12

I54 CBP CESSNA 550 #N1254X, Miami AMB, OMAHA 54X" 7-6-03, 2-5-16

I55 CBP CESSNA 550 #N1255K, "OMAHA 55K" w/CS1, SD, C02, EST, CNT 8-31-03, 6-16-11

I57 CBP CESSNA 550 #1257B, Miami AMB, "OMAHA 57B" 7-8-03, 9-25-12

I62 CBP CESSNA 550 #N3262M, "OMAHA 62M" 1-29-03, 6-27-15

I63 CBP CESSNA 550 #N2663Y 7-11-03, 1-17-13

I75 CBP CESSNA 550 #N6775C, "OMAHA 75C" 1-29-03, 5-5-14

I76 CBP CESSNA 550 #N6776T, voice "OMAHA 76" w/CS4, CNT, WST 1-25-04, 4-12-10

I86 CBP CESSNA 550 #N586RE 9-16-03, 1-11-13

I94 CBP CESSNA 550 #N26494, voice "OMAHA 494" w/EST 1-21-04, 1-17-13

I96 CBP CESSNA 550 #N26496 12-25-03, 4-19-13



I97 CBP CESSNA 550 #N797CW 1-3-04,10-25-11

I5G Unknown 4-16-14

ICB USCGC FORWARD (WMEC 911) w/SALTYDOG 3-16-07, 3-22-15

ICE Unknown w/702 2-26-10, 4-16-10

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

IIW USCGC WILLOW (WLB 202) w/01Z, Z05, Z03 7-29-11, 8-5-15

IJD USCG Unknown 12-11-09

IKL USCGC TAMPA (WMEC 902), voice "SHARK 02" w/IKL1, GBL 5-17-07, 12-16-15  
IKL1 USCGC TAMPA (WMEC 902) small boat w/IKL 11-9-08, 5-18-11

ILB USCGC WILLIAM FLORES (WPC 1103) w/Z15 9-13-15

J## U.S. Coast Guard MH-60T helicopters, voice "JULIET ##"

J97 Unknown w/LT2 5-15-12, 5-21-12

JEC USCGC DORADO (WPB 87306) 6-27-13

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

JOE COTHEN Remote Communications Transmitter, IA 7-6-03, 11-14-06

JOM USCGC SEA OTTER (WPB 87362) w/Z29 4-10-08, 7-14-14

JPJ USCGC RELIANCE (WMEC 615) 7-23-12, 11-22-15

JSJ USCGC RAZORBILL (WPB 87332) 4-2-15

K## USCG MH-65D helos, voice "KILO ##"

KCM COTHEN Remote Communications Transmitter, Raleigh, NC 12-22-04, 2-8-16  
KCMPRI COTHEN Remote Communications Transmitter, Raleigh, NC 4-8-08, 2-19-11  
KCMSEC COTHEN Remote Communications Transmitter, Raleigh, NC 12-13-07, 2-14-08

KHLN Montana Army National Guard AASF Helena Regional Airport w/R26135 2-1-16

KNR43 NCC station, Warrenton, VA w/USDAHQ1 (USDA, not COTHEN net) 8-4-04, 11-8-04

KODIAK1 USCG Kodiak, AK 2-25-08, 2-9-11

KRV Unknown COTHEN Remote Communications Transmitter w/TSC 5-16-10, 8-8-15  
KRVPRI Unknown COTHEN Remote Communications Transmitter 5-15-10, 6-15-10

KST w/EST 10-27-09

KVQ USCGC NANTUCKET (WPB 1316) w/Z13, E15, LGV, LNT, GYS, UCG, OMNI 4-11-08, 1-28-16

KY4FEM FEMA WGY994, Kentucky EOC, Frankfurt, KY w/TSC 2-3-09

KYAASF KY-ARNG AASF, Frankfort, KY w/TSC 9-21-12, 9-28-12

L## USCG MH-65Cs

L02 USCG MH-65C #6602 first logged 8-14-09

L03 USCG MH-65C #6603 first logged 2-1-09

L04 USCG MH-65C #6604 first logged 5-14-09

L05 USCG MH-65C #6605 first logged 5-5-09

L06 USCG MH-65C #6606 w/LNT, TSC, Z12, Z13 first logged 5-14-09

L07 USCG MH-65C #6607 w/P16 first logged 6-16-09

L08 USCG MH-65C #6608 first logged 6-1-09

L1126 Unknown w/BGRNG 2-5-16

LAB COTHEN Radio Lab 1-23-03, 10-3-13

LAB1PRI 11-6-08

LAB2PRI 11-6-08

LANT1 USCG CAMSLANT Chesapeake, VA w/Z13 3-14-13

LB1 USCG Unknown MIL STD 188-110 station w/FSE 3-2-12, 4-21-12

LB2 USCG Unknown w/LT2, FSE 4-19-13, 11-21-14

LBE Unid USCG w/J12 7-26-08

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

LGV USCGC LEGARE (WMEC 912) 6-12-05, 5-13-14

LGV1 USCGC LEGARE (WMEC 912) small boat w/LGV 10-27-08, 2-1-09

LHV USCG Unknown w/F04, K33, N03, N13 2-2-06, 4-10-14

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

LIV Unknown w/006 4-15-15

LJW Unknown w/J41 4-11-08

LKF Unknown 5-29-14, 5-30-14

LKY USCGC EDISTO (WPB 1313) w/Z29 1-20-16

LLS Unknown w/P40 1-1-14

LNE Unknown COTHEN Remote Communications Transmitter w/TSC, J40 3-10-10, 8-7-11

LNEPRI Unknown COTHEN Remote Communications Transmitter 11-4-08, 12-10-08

LNT USCG Communications Command (COMMCOM) CAMSLANT Chesapeake, VA. First logged 6-16-04

LNW Unknown COTHEN Remote Communications Transmitter w/D31, TSC, IKL 3-13-10, 8-7-11

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

LT2 USCG CAMSLANT Remote w/J97, J07, J01, J02, LB2, 503, 715 4-13-12, 12-11-15

LUV COTHEN Remote Communications Transmitter, Lovelock, NV (LUV) 4-14-09, 1-19-16  
LUVPRI COTHEN Remote Communications Transmitter, Lovelock, NV (LUV) 11-11-08, 7-6-10  
LUVSEC COTHEN Remote Communications Transmitter, Lovelock, NV (LUV) 4-7-09

M## CBP Interceptor Boats

M03 CBP Interceptor Boat w/TSC 10-26-11  
M04 CBP Interceptor Boat w/TSC, STR 9-26-13, 4-2-15  
M06 CBP Interceptor Boat, voice "MIKE 806" w/Z29 10-26-11, 1-18-15  
M08 CBP Interceptor Boat w/TSC 11-22-13, 5-7-14  
M09 CBP Interceptor Boat, voice "MIKE 909" w/TSC, Z10 10-25-11, 9-25-15  
M42 CBP Unknown w/D03 1-12-08  
M82 CBP Interceptor Boat, San Diego, CA 6-12-12, 5-14-14  
M89 CBP 10-31-14  
M92 CBP Unknown 5-10-12  
M96 CBP Unknown w/TSC 5-4-12, 10-31-12

MC# COTHEN Remote Communications Transmitter

MC1 COTHEN Remote Communications Transmitter 9-14-08, 2-3-10  
MC2 COTHEN Remote Communications Transmitter, Chichasha, OK (OKD) 2-7-03, 11-28-07  
MC3 COTHEN Remote Communications Transmitter, Logandale, NV (VGS) 12-16-02, 4-28-07  
MC3PRI COTHEN Remote Communications Transmitter, Logandale, NV 8-31-07  
MC3SEC COTHEN Remote Communications Transmitter, Logandale, NV 8-31-07  
MC4 COTHEN Remote Communications Transmitter, Simpson, 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

MCV3 USACE w/C10 2-11-11

MEOC01 Poss. Maine Army National Guard 7-30-15  
MEJT01 Poss. Maine Army National Guard w/TSC, BGRNG, T1126 7-17-15, 7-29-15

MEM COTHEN Remote Communications Transmitter, Senatobia, MS 5-16-10, 2-8-16  
MEMPRI COTHEN Remote Communications Transmitter, Senatobia, MS (MEM) 5-1-08, 3-19-11  
MEMSEC COTHEN Remote Communications Transmitter, Senatobia, MS (MEM) w/HD1SEC 10-13-07,  
4-10-09

MFCL Unknown w/N08 4-28-12

MFN USCGC KNIGHT ISLAND (WPB 1348) 10-23-08, 4-1-12

MHU USCGC BLACKTIP (WPB 87326) 6-4-09

MMJ USCGC SHERMAN (WHEC 720) 10-6-14, 3-31-15

MOBIL1 Iowa Army National Guard mobile w/ANG02, DAVNG, TSC 4-8-15, 4-17-15

MOBNG 1-131 AVN, Alabama Army National Guard w/R23416, R23497, R23916, R23970, R24452,  
R26172, R26806 11-1-14, 11-19-15

MP01CG USCG Unknown w/TSC 11-26-07  
MP02CG USCG Unknown w/TSC 6-1-07

MQB Unknown 11-1-12

MR# Unknown

MR1 Unknown, voice call "105A" w/CCC, CNT, TSC, TRC, FSE, APP 12-16-02, 7-15-15

MR2 Unknown w/TRC 11-18-03

MR5 Unknown w/TSC, HFM, PAUL, FSE, LAB 11-20-08, 10-3-13

MR7 Unknown w/CS6 6-27-04

MR11 Unknown 12-16-08, 1-3-09

MR11PRI Unknown 12-4-08

MR13AN Unknown w/J03, PLT 12-4-08

MS# Land Mobile Units or COTHEN Remote Command Consoles

MS1 CBP Unknown w/TSC 12-13-03, 2-24-10

MS2 CBP Unknown w/TSC, CS1 7-26-03, 2-18-10

MS3 CBP Unknown, voice call "MIKE 03" w/TSC 5-5-05, 2-16-10

MS4 CBP Unknown w/TSC 6-20-07, 4-14-09

MS4FEM FEMA WGY964, Mississippi EOC, Jackson, MS 1-18-07

MT4 Unknown 11-13-08, 2-18-09

MUD USCGC DILIGENCE (WMEC 616) w/FMK, CSR 6-10-08, 10-4-14

MUG Unknown COTHEN Remote Command 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# CBP Unknown

MV2 CBP Unknown w/TSC, CS1, TRC, PNR400, 5HY, TSC, CRB, MC2 7-16-03, 11-14-08

MV3 CBP Unknown, voice "MIKE VICTOR 3" w/JOE, TSC, FSE 11-14-06, 5-5-14

MV4 CBP Unknown w/COE, TRC, TSC 2-22-09, 3-10-14

MV5 CBP Unknown w/COE, TRC, TSC, NRT, AP1, DL1, HF2, HFM 1-23-03, 4-23-09

MV6 CBP Unknown 10-16-08, 4-3-12

MV7 CBP Unknown 3-5-03

MV9 CBP Unknown w/TSC, TRC, OPB 9-30-03, 3-20-10

MV9CBP CBP Unknown w/NRT 12-22-09

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

MXA Unknown 4-10-14, 3-31-15

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

NAS USCG USCGC ESCANABA (WMEC 907) w/RKN, NAS1, HNC, ROS, F40, 01Z 4-9-06, 7-20-15

NAS1 USCG USCGC ESCANABA (WMEC 907) small boat w/RKN, NAS 11-9-07

NC4FMA FEMA WGY984, North Carolina EOC, Raleigh, NC w/TSC 1-24-07, 4-9-09

NE7FEM FEMA WGY957, Nebraska EOC w/TSC 2-1-10

NGB USCGC BONITO (WPB 87341) w/08D 3-26-15, 7-8-15

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

NLP Unknown 4-22-12, 10-28-13, 10-19-15

NMC USCG CAMSPAC, Point Reyes, CA w/CSK, UCG, F35, IKL 11-30-03, 3-15-09

NMH USCG TISCOM, Alexandria, VA w/TSC, M9Y, NMH3 2-28-05, 12-4-15

NMH1 USCG w/AKJ, NMH 4-6-12, 12-4-15

NMH2 USCG w/NMH 12-6-13, 10-9-14

NMH3 USCG w/NMH, OFR, FSE, TSC 3-30-12, 1-15-16

NMH4 USCG w/TSC 11-20-15

NMN USCG CAMSLANT Chesapeake, VA w/CBE, PAC 6-15-05, 4-28-10

NNR USCG Unknown w/STP 3-1-05

NOJ USCG COMMSTA Kodiak, AK remotely operated by COMMCOM, Chesapeake, VA w/ATT2, ATU, SKA, STP, PAC, 05Z 7-13-04, 7-15-15

NOJ1 USCG COMMSTA Kodiak, AK 2-9-11

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, MV9CBP 2-1-06, 12-22-09

NVP w/CNT 6-24-15

NW8 Unknown w/PAC 11-16-06

NZ1 Unknown 2-18-09

NZ4 Unknown 1-19-11, 3-19-11

OFR USCGC CUSHING (WPB 1321) w/NMH3, Z15, Z14 11-15-13, 1-9-16

OKD COTHEN Remote Directional Transmitter, Chichasha, OK 7-17-12, 5-26-15

OKO COTHEN Remote Omnidirectional Transmitter, Chichasha, OK 12-21-04, 1-19-16

OKOPRI COTHEN Remote Omnidirectional Transmitter, Chichasha, OK 10-2-07, 7-13-10

OKOSEC COTHEN Remote Omnidirectional Transmitter, Chichasha, OK 10-2-07

OMNI COTHEN Remote Omnidirectional Transmitter, Omaha, NE w/LPM, KVQ 3-3-09, 2-7-16

OMNIPRI COTHEN Remote Omnidirectional Transmitter, Omaha, NE 11-11-08, 9-5-09

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

OPS1 COTHEN Remote Command Console w/CS5, TSC 2-5-06, 5-15-14

OPS2 COTHEN Remote Command Console USCG CAMSLANT Chesapeake, VA

OPS3 COTHEN Remote Command Console

OWK USCGC DEPENDABLE (WMEC 626) w/UCG, TSC 2-15-07, 8-3-15

OX# Unknown

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

OX7 Unknown 10-28-08

OX8 Unknown 9-30-08, 1-6-09

OX9 Unknown 10-23-08

OX10LNW Unknown 11-12-08

P## USCG Air Stations

P01 USCG Unknown COTHEN Remote Command Console w/TSC, J19, N09 3-22-07, 7-14-14

P02 USCG COTHEN Remote Command Console CGAS Clearwater 4-17-07, 6-8-15  
P03 USCG COTHEN Remote Command Console CGAS Elizabeth City 4-2-08, 12-4-15  
P04 USCG COTHEN Remote Command Console w/L07 6-30-10  
P05 USCG Unknown COTHEN Remote Command Console w/J31 2-10-13  
P06 USCG COTHEN Remote Command Console CGAS Cape Cod 5-21-12, 11-14-15  
P07 USCG COTHEN Remote Command Console w/708, 500 1-3-08, 12-25-09  
P08 USCG COTHEN Remote Command Console CGAS New Orleans 1-22-10, 3-24-10  
P09 USCG Unknown COTHEN Remote Command Console w/TSC 10-5-12  
P10 USCG Unknown COTHEN Remote Command Console w/J16 10-8-13  
P12 USCG COTHEN Remote Command Console w/J29 4-3-12  
P16 USCG COTHEN Remote Command Console CGAS Miami w/L04 8-19-08, 12-11-15  
P18 USCG COTHEN Remote Command Console CGAS Sacramento 3-12-10  
P19 USCG COTHEN Remote Command Console CGAS San Diego 5-28-15  
P21 USCG COTHEN Remote Command Console ATC Mobile 10-20-08, 10-1-15  
P22 USCG COTHEN Remote Command Console w/J06 12-30-08, 4-6-13  
P23 USCG COTHEN Remote Command Console. Poss. CGAS Savannah 10-18-09  
P25 USCG COTHEN Remote Command Console CGAS Port Angeles 1-10-14  
P26 USCG COTHEN Remote Command Console CGAS Atlantic City 7-2-11, 3-24-15  
P30 USCG COTHEN Remote Command Console w/K40 4-27-11  
P32 USCG COTHEN Remote Command Console w/K27, K62 2-9-11, 6-5-11  
P33 USCG COTHEN Remote Command Console Poss. CGAS San Francisco 10-24-12  
P36 USCG COTHEN Remote Command Console CGAS New Orleans w/L05 7-19-12  
P38 USCG COTHEN Remote Command Console w/FSE, K72 4-13-11, 9-21-13  
P39 USCG COTHEN Remote Command Console CGAS North Bend 10-21-11  
P40 USCG COTHEN Remote Command Console CGAS Borinquen w/K79, LLS 11-20-11, 6-15-15  
P99 Unknown w/STR, TSC1 7-17-15, 12-22-15

PAC USCG Comm. Det. Point Reyes, CA remotely controlled by COMMCOM, Chesapeake, VA w/NW8, NOJ. First loged 6-15-04

PAL USCGC KINGFISHER (WPB 87322) w/UCG 8-14-08, 4-2-09

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

PBB USCGC BLOCK ISLAND (WPB 1344) 9-3-13, 9-10-13

PHXNG Arizona National Guard Papago AASF, Phoenix, AZ, voice "REDHAWK" w/R24416, R26123, R26166 9-23-15, 11-12-15

PKFMH Unknown w/T1126 7-29-15

PMK USCG Unknown 1-31-11

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 Communications Transmitter, Islote, PR  
PR1PRI COTHEN Remote Communications Transmitter, Islote, PR 3-3-09, 6-13-10  
PR1SEC COTHEN Remote Communications Transmitter, Islote, PR 12-14-08, 5-28-09

PLT Unknown w/MRI3, TSC 11-15-06, 12-4-08

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

PWH Unknown w/719 12-9-12

QBR Unknown 11-1-12

QSP USCGC VIGOROUS (WMEC 627) 6-26-10,7-20-15

QW7 Unknown w/T03 8-14-08

R## Unid Air Asset voice call "RAIDER".

R00136 CH-47D #89-00136 8-19-12

R00213 CH-47D #90-00213 w/FSE, TSC 5-4-12

R08064 CH-47F #09-08064 2-104 AVN, CT-ARNG, Windsor Locks, CT w/WRLNG 11-10-15

R08084 CH-47F #10-08084 2-104 AVN, CT-ARNG, Windsor Locks, CT 1-7-16

R08086 CH-47F #10-08086 Co B (-) 2/211 GSAB, IA-ARNG, Davenport, IA 3-26-15

R08096 CH-47F #11-08096 Co B (-) 2/211 GSAB, IA-ARNG, Davenport, IA 3-21-15, 11-19-15

R08743 CH-47F #07-08743 2-104 AVN, CT-ARNG, Windsor Locks, CT w/WRLNG 11-15-15

R08784 CH-47F #09-08784 1-28-16

R08790 CH-47F #09-08790 2-104 AVN, CT-ARNG, Windsor Locks, CT w/WRLNG 1-7-16

R08797 CH-47F #09-08797 Co B (-) 2/211 GSAB, IA-ARNG, Davenport, IA w/DAVNG 5-17-14, 12-4-15

R08812 CH-47F #10-08812 Co B (-) 2/211 GSAB, IA-ARNG, Davenport, IA 3-19-15, 2-5-16

R08814 CH-47F #10-08814 Co B (-) 2/211 GSAB, IA-ARNG, Davenport, IA w/DAVNG 2-20-15, 3-18-15

R08817 CH-47F #10-08817 Co B (-) 2/211 GSAB, IA-ARNG, Davenport, IA 4-10-15, 7-29-15

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

R22980 UH-60A #78-22980 Maine ARNG AASF, Bangor, ME w/BGRNG 11-14-15

R23279 UH-60A #79-23279 w/TSC 3-15-14, 3-13-15

R23294 UH-60A #79-23294 w/TSC 5-9-14

R23337 UH-60A #79-23337 w/TSC 4-4-14

R23338 UH-60A #79-23338 7-29-15, 7-30-15

R23370 UH-60A #79-23370 2-10-16

R23416 UH-60A #80-23416 w/MOBNG 1-10-15, 1-28-16

R23449 UH-60A #80-23449 w/ANG04 8-6-15

R23467 UH-60A #80-23467 Indiana ARNG w/SHBNG 2-7-16

R23495 UH-60A #80-23495 w/TSC 11-14-14

R23497 UH-60A #80-23497 w/MOBNG, P1Z131 11-7-14, 9-3-15

R23502 UH-60A #80-23502 w/P1Z131, T1Z131 6-6-15, 11-19-15

R23548 UH-60A #81-23548 Indiana ARNG w/TSC, SHBNG 5-20-15, 2-6-16

R23590 UH-60A #81-23590 2-104 AVN, CT-ARNG, Windsor Locks, CT w/WRLNG 4-15-15, 1-28-16

R23622 UH-60A #81-23622 Indiana ARNG w/SHBNG 12-15-15

R23660 UH-60A #82-23660 w/SANNG 12-7-14, 10-25-15

R23661 UH-60A #82-23661 w/TSC, SANNG 5-7-14, 11-5-15

R23674 UH-60A #82-23674 w/TSC 3-18-15, 1-28-16

R23705 UH-60A #82-23705 w/TSC 3-8-14

R23847 UH-60A #83-23847

R23876 UH-60A #83-23876 7-2-15

R23916 UH-60A #83-23916 w/MOBNG, T1Z131 11-2-14, 2-5-16

R23921 UH-60A #83-23921 10-31-14, 6-4-15

R23949 UH-60A #83-23949 w/TSC 6-31-15

R23962 UH-60A #84-23962 11-7-15

R23970 UH-60A #84-23970 w/TSC, MOBNG 10-30-14, 2-5-16  
R23977 UH-60A #80-23977 w/SANNG 10-23-15  
R23986 UH-60A #84-23986 3-15-15, 1-7-16  
R23990 UH-60A #84-23990 4-11-14  
R23997 UH-60A #84-23997 6-4-15, 8-5-15  
R24003 UH-60L #84-24003 Indiana ARNG 1-6-16  
R24416 UH-60L #85-24416 w/PHXNG 11-12-15  
R24419 UH-60A #85-24419 3-29-15  
R24452 UH-60A #85-24452 w/MOBNG, P1Z131 11-20-14, 2-6-16  
R24481 UH-60L #85-24481 w/SHB 1-20-16, 1-28-16  
R24640 UH-60A #87-24640 w/TSC 4-27-12  
R25 Unknown w/R16 1-21-03  
R26046 UH-60A #88-26046 12-18-15  
R26055 UH-60A #88-26055, voice call "LOBO 77" w/SFENG 7-8-15, 11-13-15  
R26061 UH-60A #88-26061 New Mexico ARNG callsign "LOBO" w/SFENG 7-11-15, 7-29-15  
R26086 UH-60A #88-26086 w/MOBNG 4-23-15, 11-21-15  
R26123 UH-60A #89-26123, Co. A 2-285 AVN, AZ-ARNG, voice "COYOTE 23" w/PHXNG 9-22-15, 9-23-15  
R26135 UH-60A #89-26135, 1-189 AVN, MT-ARNG w/KHLN 2-1-16  
R26166 UH-60A #89-26166, Co. A 2-285 AVN, AZ-ARNG, voice "COYOTE 66" w/PHXNG 9-24-15  
R26172 UH-60A #89-26172 w/MOBNG, T1Z131 8-14-15, 11-13-15  
R26191 UH-60L #89-26191 w/TSC, BGRNG 3-14-15, 2-8-16  
R26323 UH-60L #91-26323 4-14-15  
R26337 UH-60L #91-26337 11-20-15  
R26338 UH-60L #91-26338, voice call "ALAMO 52" w/SANNG 9-2-15, 11-20-15  
R26553 UH-60L #94-26553 w/SANNG 10-3-15  
R26668 UH-60L #96-26668 w/BGRNG 7-2-15, 8-7-15  
R26671 UH-60L #96-26671, ME-ARNG w/BGR 8-7-15, 2-12-16  
R26672 UH-60L #96-26672, ME-ARNG w/BGRNG 12-15-15  
R26834 UH-60L #99-26834, 2-224 AVN, VA-ARNG 10-30-15, 1-7-16  
R26835 UH-60L #99-26835, 2-224 AVN, VA-ARNG w/SNDNG 9-19-15, 12-11-15  
R26836 UH-60L #99-26836, 2-224 AVN, VA-ARNG w/SNDNG 9-12-15, 9-23-15  
R26844 UH-60L #99-26844, 2-224 AVN, VA-ARNG w/ANG09 6-1-15  
R26845 UH-60L #99-26845, 2-224 AVN, VA-ARNG w/SNDNG w/ANG09 6-5-15, 10-9-15  
R26846 UH-60L #99-26846, 2-224 AVN, VA-ARNG w/SNDNG 9-9-15  
R26847 UH-60L #00-26847, 2-224 AVN, VA-ARNG 10-31-15, 11-7-15  
R26848 UH-60L #00-26848, 2-224 AVN, VA-ARNG w/SNDNG 10-16-15  
R26849 UH-60L #00-26849, 2-224 AVN, VA-ARNG w/SNDNG 9-18-15, 12-4-15  
R26863 UH-60L #00-26863 w/MOBNG 11-1-14, 11-19-15  
R26865 UH-60L #00-26865 w/T1Z131 12-11-15, 1-7-16  
R26967 UH-60L #02-26967 w/TSC 11-6-11, 8-4-12  
R26991 UH-60L #03-26991 voice call "ROMEO 991" w/TSC 10-15-11  
R64 Unknown

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

RCC159 CBP Remote Command Console 7-9-11

RDC USCGC CAMPBELL (WMEC 909) 6-27-07, 2-24-15

RDC1 USCGC CAMPBELL (WMEC 909) small boat w/RDC 11-3-07, 5-20-08

REDHWK Arizona Army National Guard 1-285 AVN, Papago AASF, Phoenix, AZ w/SFENG, BGRNG 6-23-15, 2-8-16

REY Unknown 10-30-15, 12-23-15

REY1 Unknown w/TSC 4-12-10, 6-8-10



RKG USCGC YELLOWFIN (WPB 87319) 6-2-15

RKI USCGC BLUEFIN (WPB 87318) 1-25-10

RKN USCGC BEAR (WMEC 901) w/H78, BAS, NAS, RKN1, TSC, LNT 4-9-06, 1-28-16  
RKN1 USCGC BEAR (WMEC 901) small boat w/RKN 10-28-07

RLS Unknown w/J04 9-18-08

RLT USCGC RESOLUTE (WMEC 620) w/RLT1 4-28-09, 12-9-15  
RLT1 USCGC RESOLUTE (WMEC 620) small boat 4-28-09

RLX USCGC KATAMAI BAY (WTGB 101) 4-7-14, 5-6-14

RNO COTHEN Remote Transmitter, Simpson, NV 5-1-12, 5-18-15  
RNOPRI COTHEN Remote Transmitter, Simpson, NV 3-3-10

ROS USCGC SPENCER (WMEC 905) w/CSR, NAS, ROS1, TSC, K92 12-14-07, 8-24-14  
ROS1 USCGC SPENCER (WMEC 905) small boat w/ROS 7-6-08, 2-3-10

RPK USCGC ELM (WLB 204) 10-3-13, 9-9-15

RPM USCGC LEGARE (WMEC 912) w/TSJ 9-10-05, 10-27-15

RS0001 Unknown w/SANNG 10-17-15  
RS1 Unknown COTHEN Remote Transmitter w/TSC, PR1 12-13-08, 5-24-10

RSH COTHEN Remote Communications Transmitter, Concord, NC 2-6-11, 12-29-15  
RSHPRI COTHEN Remote Communications Transmitter, Concord, NC 10-7-07, 2-6-11  
RSHSEC COTHEN Remote Communications Transmitter, Concord, NC 9-30-07, 5-19-09

RTF USCGC ACTIVE (WMEC 618) 1-26-11, 2-9-15

RUF USCGC MOHAWK (WMEC 913) 2-26-05, 9-1-15  
RUS USCGC BISCAYNE BAY (WTGB 104) w/TSC 3-8-14, 3-15-14

S## CBP Aircraft

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

S08 CBP Unknown w/TSC 4-16-10, 4-22-10

S11 CBP P-3 AEW N147CS 6-27-12

S13 CBP Unknown 2-3-09, 2-7-09

S21 CBP Aircraft [definitely aircraft], based in JAX, may be UH-60 A21 w/CS5 8-24-04, 8-20-09

S22 CBP Unknown w/EST 3-27-09

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

SA2 Unknown w/TSC 2-3-10, 2-4-10

SA3 Unknown w/TSC, CRB, I52, LNT, voice call "OMAHA 46" 3-5-08, 9-3-15

SA5 Unknown (TISCOM id) 2-24-05

SAC USCG CGAS Sacramento w/716 8-29-09

SALOPS Poss. CSL Comalapa, San Salvador, El Salvador 3-18-15, 6-15-15

SALTYDOG CBP AMO Drug Interdiction Ops Center, PR w/ICB 3-22-13

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

SAN Unknown w/SAOPS 7-31-15

SANNG US Army National Guard w/R23660, R23661, R23977, R26338, R26553, RS0001 12-7-14,  
11-20-15

SAOPS Unknown w/SAN 7-31-15, 10-31-15

SAR COTHEN Remote Communications Transmitter, Limestone, FL (SAR) 1-26-11, 11-17-15

SARPRI COTHEN Remote Communications Transmitter, Limestone, FL (SAR) 12-22-07, 6-7-10

SARSEC COTHEN Remote Communications Transmitter, Limestone, FL (SAR) 12-22-07, 12-4-08

SC4 FEMA WGY934, South Carolina EOC, Columbia, SC w/TSC 9-13-07

SC4FEM FEMA WGY934, South Carolina EOC, Columbia, SC w/TSC 1-29-09, 2-19-09

SC4FMA FEMA WGY934, South Carolina EOC, Columbia, SC w/TSC 12-7-06, 9-25-07

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

SEA COTHEN Remote Communications Transmitter, Clinton, NC (SEA) 2-5-11, 2-6-16

SEAPRI COTHEN Remote Communications Transmitter, Clinton, NC (SEA) 8-30-08, 7-14-10

SEASEC COTHEN Remote Communications Transmitter, Clinton, NC (SEA) 11-28-07, 3-10-09

SEC Unknown w/TSC 1-16-10

SFENG Santa Fe Flight Operations, callsign "LOBO OPS", New Mexico ARNG AASF, Santa Fe Airport,  
NM w/REDHWK, R26061, R26055 6-25-15, 9-2-15

SHBNG Indiana ARNG AASF #1, Shelbyville MAP, Shelbyville, IN w/R23467, R23548, R23622, R24481  
12-15-15, 2-7-16

SHEMYA USCG, Eareckson Air Station, Shemya Island, AK w/J03 (Commsta Kodiak Net ident)  
10-5-11

SKA USCG Poss. Sitka, AK w/NOJ 7-17-05, 7-1-10

SLP Unknown 4-24-12, 2-5-16

SLR Unknown 4-24-12

SNDNG Virginia Army National Guard 2-224 AVN, Richmond IAP, Sandston, VA w/R26835, R26845,  
R26848, R26849, R26896 9-9-15, 12-10-15

SNN USCG Unknown w/FMK 2-11-07, 2-12-07

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

SQW Unknown w/TSC 1-16-15

SS1 COTHEN Remote Communications Transmitter, Cedar Rapids, IA 1-29-08

SSRPAC Unknown w/002 3-7-15, 7-29-15

SSSPAC Unknown 6-4-15, 6-9-15

SSSLP Unknown 11-23-14, 11-29-14

ST1 Unknown 1-7-07

STF USCGC STEADFAST (WMEC 623) 12-1-09, 9-13-13

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

STR CBP Customs National Law Enforcement Communications Center Orlando, FL VHF Land Mobile Console (SECTOR), voice call "CHARLIE 100" w/706, A10, D01, DL1, TSC, F04, J03, J14, J16, J25, J36, J41, M04, P99, I00, RAY, COE, VX1, X61 10-30-04, 10-10-15

T1126 US Army National Guard w/MEJT01, PKFMH 7-29-15

T1Z131 1-131 AVN, Alabama National Guard, Dannelly Field w/R23502, R26172, R26865 7-29-15, 12-11-15

T1Z189 1-189 AVN, Montana Army National Guard, AASF Helena Regional Airport 2-1-16

T## CBP Tracking Aircraft

T03 CBP CESSNA T210N #N9403Y w/CNT, WST, TSC 8-12-03, 7-13-12

T07 CBP BEECH A200 #N6507B w/CS3, CS4, WST, DHS 7-13-03, 4-29-12

T08 CBP aircraft 6-7-15

T10 CBP BEECH 300C #N610A w/TSC 9-10-13, 5-18-15

T11 CBP BEECH A200 #N311MP, voice "OMAHA 1MP" w/CS6 10-17-03, 1-11-16

T1A CBP CESSNA T210N #N6621A 6-09-11, 4-20-12

T14 CBP BEECH 300 #N814A w/CNT 2-13-14, 12-6-14

T17 CBP BEECH 300 #N917A w/CRB 8-19-14

T21 CBP CESSNA T210N #N6621A 11-1-12

T41 CBP PILATUS PC-12/45 #N541PB, voice "OMAHA 1PB" w/TSC, EST 1-22-05, 9-18-14

T43 CBP CESSNA T206H #N3543B w/WST 11-8-09

T58 CBP BEECH A200 #N1558 w/CS1, CS5, CS6, CS9, TSC, DHS, EST, CRB 2-07-03, 7-15-10

T59 CBP BEECH A200 #N1559 w/WST 3-3-04, 3-26-09

T5Q CBP BEECH 200 #N505Q w/WST 10-3-13, 8-25-14

T5U CBP BEECH 200 #N505U w/WST 2-8-14, 11-19-15

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

T61 CBP BEECH 300 #N561A 10-10-13, 7-30-15

T6A CBP BEECH 300 #N561A w/TSC, EST 3-8-13, 5-22-15

T6P CBP BEECH A200 #N7166P, "OMAHA 66P" w/WST 11-6-03, 2-13-16

T6V CBP CESSNA T210M #N6506V 3-25-14, 12-8-15

T72 CBP BEECH C-12C #N72472, "OMAHA 472" w/TSC, EST, COE, DIL 6-20-03, 10-16-11

T74 CBP BEECH A200 #N7074G w/WST, Z17 9-5-04, 9-27-15

T76 CBP BEECH C-12C #N72476 11-20-03, 2-24-10

T7Y CBP BEECH C-12C #N7247Y 1-14-04, 7-17-15

T85 CBP PIPER PA-42-720R #N9085U, Jacksonville, FL AMB 11-19-03, 12-2-11

T87 CBP Unknown 1-8-15, 1-12-15

T93 CBP PILATUS PC-12/45 #N593PC 2-10-08, 1-29-15

T97 CBP PILATUS PC-12/45 #N497PC 10-7-04, 4-8-14

T9A CBP PIPER PA-42-720R #N9279A, Jacksonville, FL AMB 7-15-03, 2-3-13

T9F CBP BEECH A200 #N6509F, "OMAHA 09F" 8-31-03, 1-30-11

TBZ USCGC ORCAS (WPB 1327) 12-4-08

TC1169 Unknown w/TSC 7-30-15, 8-8-15

TC4 Unknown w/LNT, TSC 3-24-10

TCOICE w/TSC 1-19-13, 2-6-15

TGT USCGC STURGEON (WPB 87336) w/Z17 3-26-15, 7-13-15

THA USCGC NARWHAL (WPB 87335) 7-21-15

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

TMF USCGC CORMORANT (WPB 87313) 12-28-15

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 Command Console w/MV2, MV4, MV5, MVX, MR1, MR2, MV9, D41, 717  
11-16-03, 11-5-11

TRK USCGC ADELIE (WPB 87333) w/K00, K01 7-21-09, 6-21-11

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

TSC1 w/TSC 5-19-14, 10-21-14

TSC2 w/TSC 8-8-15, 8-15-15

TST COTHEN Remote Communications Transmitter, NC 6-30-03

TSTPRI COTHEN Remote Communications Transmitter, NC 11-20-07

TTC CBP Unknown w/M49 12-21-05

TXJ USCGC COBIA (WPB 87311) 6-4-15

TY3 Unknown w/TSC 9-13-13

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

UGW USCGC GANNET (WPB 87334) w/UCG 12-1-08, 1-23-10

UHC USCGC DECISIVE (WMEC 629) w/07Z 12-2-09, 11-19-15

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 w/TSC 9-2-05, 10-15-05

V08 Unknown w/TSC 3-10-04

V09 Unknown w/TSC, 716 9-9-05, 12-18-15

V10 Unknown w/PAC, WST, TSC 11-5-06, 9-25-09

V11 Unknown 11-19-15

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

V43 Unknown w/CNT 8-25-09  
V44 Unknown w/TSC 9-1-05, 5-5-10  
V45 Unknown 12-20-05  
V49 Unknown 12-31-05, 10-16-07  
V61 Unknown w/C50, TSC 6-25-04, 4-4-14  
V69 Unknown w/CRB 2-19-05

VAI USCGC VALIANT (WMEC 621) 3-19-10, 9-12-15

VES USCGC VENTUROUS (WMEC 625) w/LNT, TSC, 07K, 07M, VES1, VES2 10-25-07, 7-30-15  
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

VGS COTHEN Remote Communications Transmitter, Logandale, NV 9-15-09, 2-8-16  
VGSPRI COTHEN Remote Communications Transmitter, Logandale, NV 6-3-09, 6-29-10  
VGSSEC COTHEN Remote Communications Transmitter, Logandale, NV 2-18-09, 4-4-09

VM1 Unknown w/EST, TSC 3-16-06, 3-6-14  
VM2 Unknown w/TSC, WST, NRT 2-12-06, 4-23-15

VX1 Unknown, voice "VICTOR XRAY 1" w/CS1, TSC 9-5-05, 6-7-11  
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

WGD USCG Unknown w/TSC, UCG 12-16-08, 1-16-10

WGY1 Unknown w/TSC 11-18-08  
WGY2 Unknown 7-9-09

WHD USCGC KODIAK ISLAND (WPB 1341) w/Z13, Z09, HSD 6-13-08, 1-17-15

WJO Utah ARNG AASF, South Valley Regional Airport, West Jordan, UT 12-15-15

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

WRLNG Connecticut Army National Guard AASF, Bradley IAP, Windsor Locks, CT w/R08064, R08743, R23590 1-10-15, 12-15-15

WST CBP AMOC Western Regional Communications Node 11-5-04, 9-3-15

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.

X2C Unknown w/TSC 11-20-08, 11-22-08

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

YQC USCGC BOUTWELL (WHEC 719) w/K18 3-16-11, 3-27-11

YWL USCGC THETIS (WMEC 910) w/J12, Z13 7-19-08, 5-27-15

YWL1 USCGC THETIS (WMEC 910) small boat w/CBE 10-15-11

Z## USCG Sector Remote Command Consoles

Z01 USCG Sector Northern New England - Portland, ME 3-30-12, 11-19-15

Z02 USCG Sector Boston - Boston, MA 3-31-12, 2-7-16

Z03 USCG Sector Southeastern New England - Woods Hole, MA 4-3-08, 12-11-15

Z04 USCG Sector Long Island - New Haven, CT 4-7-11, 1-29-16

Z05 USCG Sector New York - Staten Island, NY 9-6-12, 1-14-15

Z06 USCG Sector Delaware - Philadelphia, PA 10-8-13, 8-3-15

Z07 USCG Sector Maryland-National Capital Region 5-13-14, 2-13-16

Z08 USCG Sector Hampton Roads - Portsmouth, VA 7-29-14, 3-23-15

Z09 USCG Sector North Carolina - Wilmington, NC w/04M, 11A, 30A, 99L, 44A, 08R 12-3-11, 2-10-16

Z10 USCG Sector Charleston - Charleston, SC w/04M, 22M, 41M, M09 12-8-09, 10-17-15

Z11 USCG Sector Jacksonville - Jacksonville, FL 2-3-10, 1-29-16

Z12 USCG Sector Miami - Miami, FL 4-1-08, 2-6-16

Z13 USCG Sector Key West - Key West, FL 1-24-08, 1-17-16

Z13PRI USCG Sector Key West - Key West, FL, FL 6-10-09, 3-2-14

Z13SEC USCG Sector Key West - Key West, FL 1-4-09

Z14 USCG Sector St. Petersburg - St. Petersburg, FL 1-9-10, 11-5-15

Z15 USCG Sector San Juan - San Juan, PR 3-10-10, 2-12-16

Z16 USCG Sector Mobile - Mobile, AL 4-12-12, 12-27-15

Z17 USCG Sector New Orleans - New Orleans, LA 12-8-11, 1-30-16

Z18 USCG Sector Houston-Galveston - Galveston, TX 6-26-12, 10-4-15

Z19 USCG Sector Corpus Christi - Corpus Christi, TX 11-20-11, 1-31-16

Z20 USCG Sector w/J39 4-6-12

Z23 USCG Sector Detroit - Detroit, MI 3-11-12, 5-23-15

Z24 USCG Sector w/LVS 4-4-14, 10-16-15

Z25 USCG Sector w/K27, 002 4-19-13, 10-17-14

Z26 USCG Sector w/LGV, 503, K63 10-11-13, 6-7-14

Z27 USCG Sector San Francisco - San Francisco, CA 12-22-12, 12-21-15

Z28 USCG Sector Los Angeles - Los Angeles, CA 2-25-10, 7-30-13

Z29 USCG Sector San Diego - San Diego, CA w/M06 2-7-08, 1-21-16

Z30 USCG Sector Puget Sound - Seattle, WA 3-5-08, 3-18-15

Z31 USCG Sector Columbia River 9-27-11, 1-29-16

Z32 USCG Sector Honolulu 8-7-13, 2-7-16

Z33 USCG w/N13 1-15-14

Z34 USCG Sector w/ROS 8-12-11, 6-3-15

Z35 USCG Sector Juneau - Juneau, AK 8-26-11, 7-30-15

Z37 USCG Unknown w/30A 10-20-14

Z38 USCG CGAS Humboldt Bay - Humboldt Bay, OR w/K69, 704, K56 5-12-12, 2-6-16

Z39 USCG Group North Bend - North Bend, OR 9-17-11, 1-29-16

Z58 USCG Unknown

Z81 USCG Unknown

Z99 USCG CAMSLANT Chesapeake, VA w/F31 4-1-08

ZPO USCGC ALEX HALEY (WMEC 39, Kodiak, AK) 10-12-12

ZRG USCGC ALBACORE (WPB 8730) 2-3-15

ZSR USCGC BELUGA (WPB 87325) 2-12-15, 4-25-15

ZVE USCGC ALERT (WMEC 630) 10-1-11, 3-1-12