

Choose "Left" or "Right" columns to make changes.

Add new stations after the last line. To delete one, copy the entry (90,000.0 zz or zz 90,000.0) onto it. To amend, just edit cell(s) concerned. Sort and save before switching ranges.

To sort and save, hit Alt-L or Alt-R, depending on the column

<-----Left----->

FREQUENCY AREA/SERVICE

1,674.0Scheveningen Coast D
1,713.0Scheveningen Coast F
1,716.0Scheveningen Coast B
1,890.0Scheveningen Coast I
1,995.0Scheveningen Ship C
2,045.0Scheveningen Ship I
2,048.0Scheveningen Ship I
2,051.0Scheveningen Ship I
2,054.0Scheveningen Ship I
2,060.0Scheveningen Ship B
2,099.0Scheveningen Ship D
2,103.0USCG Internal
2,138.0Scheveningen Ship F
2,182.0Marine Calling/Distress
2,261.0USCG Air/Ground
2,287.5DOE
2,298.0Gander
2,300.0Corps of Engineers
2,326.0Corps of Engineers
2,345.0Corps of Engineers
2,348.5Corps of Engineers
2,350.0Corps of Engineers
2,350.0USCG
2,371.0Civil Air Patrol
2,374.0Civil Air Patrol
2,428.0RAF Martelo Net

2,500.0WWV
2,520.0Scheveningen Ship A Call
2,591.0RAF Strike Command
2,598.0CCG VOJ
2,600.0Scheveningen Coast C
2,602.0Corps of Engineers
2,605.0Corps of Engineers
2,613.0NMFS, KAC
2,622.5DOE
2,638.0Internship Safety
2,648.0Alaska
2,670.0USCG w/ships, public
2,691.0USCG 7th Dist
2,694.0USCG Group Moriches
2,714.0Harbour Control
2,716.0US Navy Harbour
2,738.0Internship Safety
2,749.0CCG E Coast wx
2,782.0Internship Safety
2,808.5US Customs Channel XA
2,824.0Scheveningen Coast A Call
2,836.0Harbour Control
2,844.0Civ Av S Atl
2,851.0Civ Av E Afr
2,854.0SAT-1/2
2,863.0Civ Av Pac
2,869.0CEP-5
2,875.0Domestic AK
2,878.0AFI-4
2,878.0Offshore Drilling
2,887.0E-CAR
2,899.0NAT-B/C
2,911.0Domestic AK
2,932.0CWP-1
2,932.0NP-4
2,935.0SAT
2,944.0NW/SW-SAM MID-3 SAT-2
2,956.0Civ Av ME
2,956.0Domestic AK
2,962.0NAT-B/C

2,965.0Civ Av SE Asia
2,971.0NAT-D
2,980.0WX Anchorage
2,980.0WX Argentina
2,980.0WX Honolulu
2,980.0WX Oakland
2,980.0WX Tokyo
2,992.0MID-1
2,998.0Civ Av CWP
2,998.0CWP-1/2
3,004.0Flight Test
3,007.0LDOC Auckland
3,007.0LDOC Jakarta
3,007.0LDOC Mexico City
3,007.0LDOC Rangoon
3,010.0Berna Reserve
3,010.0LDOC Lima
3,010.0LDOC Trinidad
3,013.0Springbok Jo'burg
3,013.0WW HON
3,013.0WW SFO
3,016.0NAT-A EA-1
3,019.0NCA-1 oil rigs AK
3,019.0Offshore Drilling
3,023.0Search & Rescue
3,046.0Canada MACS VOLMET
3,046.0Edm/Tren Mil
3,060.0TAC
3,067.0USAF GCCS
3,074.0USAF GCCS
3,081.0USAF GCCS
3,092.0Lahr/Edm/Tren/StJ Mil
3,109.0RAF Alconbury (USAF)
3,113.0USAF SAC
3,120.0NASA
3,120.0RAF Air Defense
3,120.0USCG Helos
3,123.0USCG A/G
3,130.0US Navy Tactical
3,137.0USAF GCCS

3,155.0Bell Telephone
3,166.0Bell Can Quebec 1
3,199.5FHWA
3,281.0Flight Test
3,287.0Corps of Engineers
3,290.0Corps of Engineers
3,292.0USAF SAC
3,295.0USAF SAC
3,302.0Corps of Engineers
3,303.0DOT Emergency
3,304.5FHWA
3,305.0Corps of Engineers
3,330.0CHU Time
3,336.6DOE
3,369.0US Customs Channel YK
3,369.0USAF SAC
3,387.0USCG Cutters
3,407.0Hurricane Ctr Miami
3,407.0NOAA
3,413.0CEP-5
3,413.0Civ Av Ctl E Pac
3,413.0Shannon Volmet
3,419.0AFI-2
3,425.0AFI-5 SP-9
3,428.0US Customs Channel YA
3,432.0WX Bangkok
3,434.0Offshore Drilling
3,443.0Flight Test
3,452.0AFI-1
3,452.0SAT-1
3,455.0W-CAR
3,458.0Rainbow Radio
3,467.0AFI-3
3,467.0AFI-3 MID-2 SP-6/7
3,467.0Civ Av ME
3,467.0Civ Av S Pac
3,467.0Civ Av W Afr
3,467.0MID-2
3,467.0SP-6
3,467.0SP-7

3,470.0SEA-1/3 AK
3,473.0MID
3,476.0INO-1
3,476.0NAT-E
3,479.0C/SE/NE-SAM EUR-1
3,482.0Orion Portishead
3,485.0SEA-2 EA-2
3,485.0WX Gander
3,485.0WX NY
3,494.0WW NY
3,494.0WW San Juan
3,495.0WX Brazzaville
3,707.0WX Dakar
3,801.5American Red Cross
3,815.0Hurricane Natl Net
3,885.0RN Culdrose
3,935.0Hurricane Gulf Net
3,935.0RAF Martelo Net MKL
3,939.0RAF Air Defense
3,943.0Hurricane W Gulf
4,055.0DOT Emergency
4,077.0Scheveningen Radio Ship
4,125.0Emergency Coordination
4,125.0Marine Calling/Distress
4,148.0Ship/Ship
4,164.0Ship/Ship
4,273.0Civil Air Patrol
4,369.0USCG WLC Rogers City MI
4,376.0Can CG
4,376.0Drug Enforcement
4,376.0USCG
4,387.0Wellington NZ Radio
4,426.0USCG Portsmouth wx
4,429.0Dutch Navy den Helder
4,438.0Bell Telephone
4,439.0Bell Telephone
4,449.0USAF TAC
4,464.0RAF UKADGE
4,466.0Civil Air Patrol
4,469.0Civil Air Patrol

4,480.5DOE
4,489.5USAF SAC
4,492.0USAF SAC
4,495.0USAF SAC
4,500.0DEA
4,500.0US Customs Channel ZA
4,506.0Civil Air Patrol
4,509.0Civil Air Patrol
4,510.0USAF Coordination
4,540.0RAF Strike Command
4,550.0Gulf of Mexico
4,582.0Civil Air Patrol
4,610.5Bell Telephone
4,627.0Civil Air Patrol
4,630.0Civil Air Patrol
4,637.5Gulf Oil Rigs
4,645.0Alaska
4,647.0Lajes AFB
4,654.0Berna Radio
4,657.0AFI-5
4,665.0MAF Net LatAm
4,666.0Civ Av CWP
4,666.0CWP-1/2
4,668.0WX Argentina
4,669.0NW/SW-SAM MID-3
4,669.5DOE
4,672.0Offshore Drilling
4,675.0NAT-D
4,678.0NCA-2
4,687.0LDOC Rangoon
4,704.0Lahr/Edm/Tren/StJ Mil
4,707.0RAF Air Defense
4,710.0RAF Air Defense
4,711.0USN A/G
4,717.0RAF UKADGE
4,721.0USAF GCCS
4,722.0WX RAF Volmet UK
4,725.0USAF SAC
4,727.0SAC (Ch Victor)
4,729.0USAF GCCS

4,730.0Canada MACS
4,730.0RAF Martelo Net MKL
4,732.0RAF Strike Command
4,735.0Civil Air Patrol
4,739.0RAF Air Defense
4,742.0RAF Strike Command
4,746.0Hurricane USAF
4,749.0RAF Finingley
4,752.0Canada MACS
4,804.0Civil Air Patrol
4,807.0Orion Portishead
4,840.0National Guard
4,850.0Corps of Engineers
4,855.0USAF Coordination
4,856.0NASA Cape Radio
4,872.0NORAD/SAGE
4,893.0Medical Owings Mill MD
4,896.0USAF SAC
4,902.0FHWA
4,947.5Alaska
4,991.0DEA
4,991.0US Customs Channel XB
4,992.0NASA Cape Radio
5,000.0MSF Time/Freq
5,000.0WWV
5,005.0Bell Telephone
5,008.0DOT Emergency
5,011.0Corps of Engineers
5,015.0Corps of Engineers
5,020.0USAF SAC
5,026.0USAF SAC
5,036.0Gulf of Mexico
5,058.5DEA
5,085.0US Customs Channel XC
5,095.0RAF UKADGE
5,099.1Bell Telephone
5,110.0USAF SAC
5,122.5Alaska
5,164.0French Canadian fixed
5,167.5Alaska Emergency

5,171.0USAF SAC
5,190.0ETR PRI Night Channel
5,211.0FEMA
5,215.0USAF SAC
5,243.0USAF SAC
5,255.0FHWA
5,277.0DEA
5,295.0DEW Line
5,297.0NORAD/SAGE
5,309.5DOE
5,310.0Alaska
5,320.0USCG Air
5,327.0Corps of Engineers
5,328.0USAF SAC
5,346.0Corps of Engineers
5,350.0USAF Coordination
5,352.0Civ Av N Afr
5,390.0Bell Can Quebec 3 prim
5,399.0Haitian Navy/CG
5,400.0Corps of Engineers
5,424.0FHWA
5,430.0Bell Can Quebec 4 sec
5,436.0NASA
5,437.0Corps of Engineers
5,441.0RAF Martelo Net MKL
5,450.0RN Yeovilton Ops
5,451.0Flight Test
5,462.0RAF UKADGE
5,463.0Domestic AK
5,463.0Offshore Drilling
5,469.0Flight Test
5,470.0RAF UKADGE
5,472.0Domestic AK
5,477.0WX Argentina
5,484.0Domestic AK
5,490.0Domestic AK
5,490.0LIAT Antigua
5,490.0Norontair S Ste Marie ON
5,493.0AFI-4
5,493.0Civ Av E Afr

5,496.0Domestic AK
5,505.0Shannon Volmet
5,508.0Offshore Drilling
5,519.0WX Anchorage
5,519.0WX Hong Kong
5,519.0WX Honolulu
5,519.0WX Oakland
5,519.0WX Tokyo
5,520.0W-CAR
5,526.0C/NE/SE-SAM
5,529.0Iberia
5,529.0Sabena
5,532.0Aer Lingus
5,532.0Alitalia
5,532.0Springbok Jo'burg
5,532.0TAP Portuguese airline
5,535.0LDOC Lima Peru
5,535.0LDOC London
5,535.0LDOC Trinidad
5,538.0Middle East Airlines
5,541.0LDOC Stockholm
5,544.0LDOC Mexico City
5,547.0CEP-5
5,550.0CAR
5,550.0Civ Av Carib
5,562.0Cubana
5,562.0Hurricane Ctr Miami
5,562.0NOAA
5,565.0SAT-1/2
5,571.0Flight Test
5,571.0US Customs Channel YB
5,574.0CEP-5
5,574.0Civ Av Ctl E Pac
5,589.0Civ Av ME
5,598.0NAT-A
5,604.0Rainbow Radio
5,610.0Orion Portishead
5,616.0NAT-B/C
5,628.0NP-3
5,628.0NP-4

5,631.0Domestic AK
5,634.0INO-1
5,643.0SP-6
5,643.0SP-7
5,649.0NAT-B/C SEA-2
5,652.0AFI-2 CWP-1/2 AFI-2
5,655.0EA-1 SEA-2
5,658.0AFI-3 MID-2
5,661.0EUR-A
5,664.0NCA-3
5,667.0MID-1
5,676.0Civ Av N Ctl Asia
5,680.0Air/sea SAR worldwide
5,680.0Canada North Civil Av
5,684.0Halifax Military
5,684.0USAF SAC
5,685.0RAF Finingley
5,688.0USAF GCCS
5,690.0Canada MACS VOLMET
5,690.0Carib interisland police
5,690.0Lahr Military WX
5,692.0USCG Helos
5,696.0USCG A/G
5,700.0USAF SAC
5,703.0Canada MACS
5,703.0USAF GCCS
5,710.0USAF GCCS
5,718.0ATL Fleet Ships
5,718.0Canada MACS
5,718.0Canada Search & Rescue
5,721.0RAF UKADGE
5,729.0RAF Strike Command
5,737.0Chalk Airlines
5,747.0RAF Air Defense
5,752.5DOE
5,810.0USAF Coordination
5,826.0USAF SAC
5,841.0DEA
5,841.0Drug Enforcement B
5,887.5Alaska

5,948.5DOE
5,987.0USAF SAC
6,215.0Marine Calling/Distress
6,224.0Ship/Ship
6,224.0Southbound 2 Atlantic wx
6,227.0Ship/Ship
6,230.0Ship/Ship
6,266.0USCG Cutters
6,405.0USCG WLC Rogers City MI
6,501.0USCG Portsmouth wx
6,513.0CCG Halifax
6,513.0CCG VFF Iqaluit
6,513.0Drug Enforcement
6,518.0USCG Miami COMSTA
6,526.0Caribbean Airways
6,526.0Gulf Air
6,532.0CWP-1
6,532.0CWP-2
6,535.0AFI-1
6,535.0SAT-1
6,550.0Flight Test
6,553.0SP-9
6,556.0SEA-1/3
6,559.0AFI-4
6,562.0CWP-1/2
6,562.0RAF Strike Command
6,571.0EA-1
6,574.0AFI-3
6,574.0Civ Av W Afr
6,577.0E-CAR
6,580.0Domestic AK
6,586.0AFI-4 W-CAR
6,592.0NCA-2
6,598.0EUR-A
6,603.0WX Brazil
6,604.0Domestic AK
6,604.0WX Gander
6,604.0WX NY
6,617.0WX Brazzaville
6,622.0NAT-D

6,625.0MID
6,628.0NAT-E
6,631.0MID-3
6,634.0Orion Portishead
6,637.0Dragon Radio
6,637.0LDOC Auckland
6,637.0LDOC Jakarta
6,637.0LDOC Singapore
6,637.0WW HOU
6,640.0WW HON
6,640.0WW NY
6,640.0WW San Juan
6,640.0WW SFO
6,643.0Berna Radio
6,646.5DOE
6,649.0NW/SW-SAM
6,655.0NP
6,656.0SEA-1
6,661.0NP
6,673.0AFI-1
6,673.0Civ Av Ctl E Pac
6,673.0Hurricane Ctr Miami
6,676.0Civ Av SE Asia
6,676.0WX Bangkok
6,676.0WX Singapore
6,679.0Civ Av Pac
6,680.0USAF SAC
6,683.0USAF GCCS AF-1
6,687.0USMC Convoys
6,688.0USAF GCCS
6,690.0RAF UKADGE
6,693.0Canada MACS VOLMET
6,693.0RAF Air Defense
6,697.0RAF Martelo Net MKL
6,697.0USN HICOM LANT/CARIB
6,705.0Lahr/Edm/Tren/StJ Mil
6,708.0ATL Fleet Ships, A/C
6,708.0Canada MACS
6,708.0NORAD/SAGE
6,712.0USAF SAC

6,714.0USCG Cutters
6,715.0RAF Air Defense
6,715.0USAF Rescue
6,716.0Canada MACS
6,720.0USN HICOM East/North
6,723.0US Navy (Raspberry Ch)
6,727.0USAF Coordination
6,727.0USAF GCCS VIP
6,730.0RAF Strike Command
6,730.0USAF GCCS VIP
6,733.0RAF Air Defense
6,738.0RAF Strike Command
6,738.0USAF GCCS
6,740.0RAF Air Defense
6,740.0USAF Coordination
6,741.0RAF Alconbury (USAF)
6,742.0FACSFAC Jacksonville
6,746.0Canada MACS VOLMET
6,746.0USAF SAC
6,748.0RAF Air Defense
6,750.0Hurricane USAF
6,753.0Edm/Tren/StJ Mil WX
6,753.0USAF GCCS
6,756.0USAF GCCS
6,757.0USAF GCCS
6,760.0RAF UKADGE
6,760.0USAF GCCS VIP
6,763.0Bell Telephone
6,765.0RAF Air Defense
6,803.1Bell Telephone
6,812.0USAF VIP
6,826.0USAF SAC
6,830.0USAF GCCS VIP
6,837.0NASA Cape Radio
6,840.0USAF SAC
6,863.0USAF SAC
6,870.0USAF SAC
6,879.0Tactical, CHOKER
6,886.0USAF SAC
6,896.0NASA Cape Radio

6,965.0LRCN
6,970.0Tactical, CHOKER
6,982.5DOE
6,998.5Intl Red Cross Switzerlnd
7,055.0Hurricane Puerto Rico Net
7,073.0Hurricane Puerto Rico Net
7,165.0Carib Inter-Island
7,168.0Caribbean Maritime
7,235.0Hurricane Gulf Net
7,240.0East Coast Emergency net
7,300.0Bell Telephone
7,300.0DEA
7,330.0USAF SAC
7,335.0CHU Time
7,373.5DOT Emergency
7,419.0FHWA
7,439.0USCG Cutters
7,461.0NASA Cape Radio
7,465.0Bell Can Quebec 2
7,467.0FACSFAC Oceana
7,475.0DOT Emergency
7,475.0FAA KIA21
7,475.0SHARES Emergency Net
7,475.0USAF SAC
7,500.0WX Dakar
7,507.0Hurricane Warn
7,527.0US Customs Channel ZB
7,533.5FEMA
7,535.0COMNAVFORCARIB
7,540.0SHARES Emergency Net
7,549.1Bell Telephone
7,552.0Bell Telephone
7,552.1Bell Telephone
7,553.0Sunair KK2XCE
7,582.0DEA
7,582.0DOT Emergency
7,620.0Civil Air Patrol
7,626.0Special Patrol Ops
7,655.0Rockwell Collins
7,657.0DEA

7,697.1Bell Telephone
7,701.5DOE
7,726.5FHWA
7,743.0FHWA
7,778.5US Customs Channel XD
7,790.0LRCN
7,820.0LRCN
7,821.0FHWA
7,840.5DOE
7,880.0NOAA
7,952.0Medical Owings MD
7,983.0USAF SAC
8,025.0DOE
8,101.0USAF SAC
8,125.0DOT Emergency
8,125.0FAA, KDM49
8,125.0SHARES Emergency Net
8,169.0Special Patrol Ops
8,170.0Orion Portishead
8,185.0Orion Portishead
8,190.0RAF Strike Command
8,255.0USCG Comsta Key West
8,270.0Scheveningen Ship Main
8,291.0Marine Calling/Distress
8,294.0Ship/Ship
8,297.0Ship/Ship
8,364.0Survival Craft
8,760.0USCG Comsta N Orleans
8,764.0USCG New Orleans
8,764.0USCG Portsmouth wx
8,769.0Drug Enforcement
8,771.0Air/Ground Common
8,779.0ATL Fleet Ships
8,785.0Coast Guard Halifax Coast
8,790.0RAF UKADGE
8,794.0Scheveningen Coast H05
8,806.0St Lys Coast
8,819.0Rainbow Radio
8,822.0Rockwell Flight Test
8,825.0Civ Av N Atl

8,825.0NAT-A
8,826.0Civ Av SW S Am
8,828.0Civ Av Pac
8,828.0Honolulu WX
8,831.0NAT-E
8,837.0Ben Gurion
8,843.0CEP-5
8,846.0SP-9 W-CAR
8,855.0C/NE/SE-SAM AK
8,861.0AFI-1 SAT-1/2
8,864.0NAT-B/C
8,867.0SP-6/7
8,870.0AFI-3
8,873.0AFI-4
8,876.0Domestic AK
8,876.0Hurricane Ctr Miami
8,878.0Oakland WX
8,879.0INO-1 NAT-B/C AFI-5
8,885.0LDOC Lima Peru
8,888.0AFI-4
8,891.0NAT-D
8,894.0AFI-2 AFI-2
8,897.0EA-1
8,903.0AFI-4
8,903.0CWP-1
8,903.0CWP-2
8,903.0WX Anchorage
8,903.0WX Hong Kong
8,903.0WX Honolulu
8,903.0WX Oakland
8,903.0WX Tokyo
8,906.0NAT-E
8,912.0US Customs Channel YC
8,918.0E-CAR MID-1
8,921.0Atlanta Flight Support
8,921.0Dragon Radio
8,921.0LDOC Jakarta
8,921.0Speedbird London
8,924.0LDOC Amsterdam KLM
8,924.0LDOC Lima

8,924.0LDOC Trinidad
8,924.0Sabena
8,924.0TAP Portuguese airline
8,927.0Cubana
8,927.0LDOC Mexico City
8,930.0LDOC Karachi
8,930.0LDOC Singapore
8,930.0LDOC Stockholm
8,933.0Egyptair
8,933.0Springbok Jo'burg
8,936.0Berna Radio
8,938.0Avianca
8,938.0WX Argentina
8,942.0SEA-2
8,945.0Civ Av ME
8,951.0Civ Av N Pac
8,951.0MID-3
8,957.0WX Shannon
8,960.0Orion Portishead
8,964.0USAF GCCS
8,967.0RAF Strike Command
8,967.0USAF GCCS
8,972.0US Navy (Atlantic)
8,977.0RN Yeovilton Ops
8,981.0USN/NASA Air
8,984.0USCG Air
8,987.0RAF Martelo Net MKL
8,989.0Edm/Tren Mil
8,989.0USAF GCCS
8,990.0RAF Strike Command
8,993.0Canada Search & Rescue
8,993.0Hurricane USAF
8,993.0Portland Ops UK
8,997.0Antarctica US bases
9,006.0Lahr/Edm/Tren/StJ Mil
9,006.0NASA Cape Radio
9,006.0USAF GCCS
9,010.0Canada MACS
9,011.0RAF UKADGE
9,011.0USAF GCCS

9,014.0RN Prestwick Ops
9,014.0USAF
9,014.0USAF GCCS
9,020.0Hurricane Ctr Miami
9,023.0USAF SAC
9,024.0RAF Finingley
9,025.0RAF Alconbury (USAF)
9,027.0USAF SAC
9,032.0RAF Strike Command
9,036.0RAF Martelo Net MKL
9,057.0USAF SAC
9,074.5DOT Emergency
9,115.5DOE
9,169.0FHWA
9,197.0FHWA
9,220.0USAF SAC
9,234.0USAF SAC
9,238.0US Customs Channel XE
9,305.0Sunair, KK2XCE
9,315.0USAF Coordination
9,316.0USAF Coordination
9,380.0Hurricane Warn
9,497.0DEA
9,793.0NORAD/SAGE
9,802.0US Customs Channel ZC
9,919.5DOE
9,963.5DOE
9,974.0USAF Coordination
10,000.0WWV
10,015.0Hurricane Ctr Miami
10,018.0Civ Av ME
10,018.0MID-2
10,019.0USAF GCCS
10,024.0NW-SAM
10,024.0SW-SAM
10,024.0SW-SAM-8
10,033.0LDOC Mexico City
10,042.0Civ Av E Asia
10,045.0Flight Test
10,048.0NP-3

10,048.0NP-4
10,051.0Gander Aeradio
10,051.0New York Radio
10,051.0WX Gander
10,051.0WX NY
10,057.0Civ Av Afr
10,057.0Civ Av Ctl E Pac
10,057.0WX Brazil
10,066.0SEA-1
10,069.0Berna Radio
10,072.0LDOC Auckland
10,072.0LDOC Jakarta
10,072.0Speedbird London
10,073.0WX Brazzaville
10,075.0Middle East Airlines
10,075.0WW HOU
10,078.0LDOC Singapore
10,084.0EUR-A
10,093.0Air France
10,093.0Gulf Air
10,096.0C-SAM
10,096.0NE-SAM
10,096.0SE-SAM
10,194.0Canada MACS
10,194.0FEMA
10,195.0SHARES Emergency Net
10,242.0US Customs Channel TA
10,291.0Orion Portishead
10,452.0USAF SAC
10,493.0FEMA
10,510.0USAF SAC
10,588.0FEMA
10,588.0USCG Miami
10,780.0NASA Cape Radio
10,788.0COMSTA Charleston
10,891.0FHWA
10,891.0SHARES Emergency Net
10,918.0FHWA
11,028.0DOT Emergency
11,028.0SHARES Emergency Net

11,055.0USAF GCCS VIP
11,073.0US Customs Channel XF
11,076.0Drug Enforcement E
11,100.0USAF SAC
11,118.0USAF SAC
11,124.0TAC
11,126.5DOE
11,141.0NORAD
11,176.0USAF GCCS
11,179.0USAF GCCS
11,180.0USAF GCCS VIP
11,182.0USAF GCCS
11,185.0RAF Strike Command
11,186.0NAS Key West
11,187.0German Air Force
11,195.0USCG A/G
11,198.0USCG Helos
11,200.0WX RAF Volmet UK
11,201.0USCG Air
11,204.0RAF Strike Command
11,205.0USN HICOM
11,212.0RAF Martelo Net MKL
11,214.0CFB Trenton patches
11,214.0USAF
11,220.0USAF SAC
11,222.0Stockholm Radio
11,226.0USAF GCCS
11,228.0USAF GCCS
11,229.0USAF GCCS
11,233.0Lahr/Edm/Tren/StJ Mil
11,234.0RAF Strike Command
11,236.0Canada MACS
11,236.0USAF GCCS
11,239.0USAF GCCS
11,243.0USAF SAC
11,246.0DEA
11,246.0USAF GCCS
11,249.0Canada MACS VOLMET
11,250.0RAF Finingley
11,252.0FACSFAC Jacksonville

11,255.0USN HICOM LANT
11,257.0RAF Alconbury (USAF)
11,264.0NORAD
11,265.0Edm/Tren Mil
11,266.0German Air Force
11,267.0HICOM LANT/CARIB
11,271.0Edm/Tren Mil
11,279.0NAT-D
11,282.0CEP-5
11,284.0NORAD
11,288.0US Customs Channel YD
11,291.0SAT-1/2
11,297.0Civ Av N Ctl Asia
11,300.0AFI-3
11,306.0Flight Test
11,306.0Lima Radio
11,306.0Portishead/Lima/Panama
11,309.0NAT-E
11,318.0SEA-3
11,319.0WX Argentina
11,327.0SP
11,330.0AFI NP
11,336.0NAT-D
11,339.0SP-9
11,342.0WW HON
11,342.0WW NY
11,342.0WW San Juan
11,345.0Atlanta Flight Support
11,345.0LDOC Lima
11,345.0LDOC Trinidad
11,345.0Stockholm Radio
11,348.0WW HON
11,348.0WW SFO
11,351.0LDOC Karachi
11,351.0LDOC Rangoon
11,354.0Gulf Air
11,354.0Springbok Jo'burg
11,357.0Domestic AK
11,360.0NW/SW-SAM
11,363.0Domestic AK

11,375.0MID-3
11,384.0CWP-1/2
11,387.0E-CAR
11,387.0WX Bangkok
11,387.0WX Singapore
11,393.0LDOC Lima
11,396.0SEA-2/3 EA-2 W-CAR
11,397.5DOE
11,398.0NOAA
11,408.0USAF SAC
11,414.0NASA Cape Radio
11,414.0USAF Coordination
11,440.0USAF Rescue
11,441.0NORAD/SAGE
11,494.0US Customs Channel VF
11,494.0USAF SAC
11,518.7FHWA
11,548.0NASA Cape Radio
11,548.0USAF Coordination
11,556.5DOE
11,607.0USAF SAC
11,898.0Hurricane Ctr Miami
11,975.0Civil Air Patrol
12,047.5US Navy MARS
12,133.0Orion Portishead
12,158.0FHWA
12,178.7FHWA
12,220.0Drug Enforcement
12,222.0DEA
12,222.0US Customs Channel ZD
12,246.0Hurricane USAF
12,266.0Scheveningen Ship Main
12,290.0Marine Calling/Distress
12,327.0Medical Owings MD
12,353.0Ship/Ship
12,356.0Ship/Ship
12,359.0Ship/Ship
12,761.0USN HICOM WESTPAC
12,984.0Time sigs VNG Penrith NSW
13,089.0USCG Portsmouth wx

13,113.0Coast Guard Halifax Coast
13,113.0Scheveningen Coast H05
13,150.0Drug Enforcement
13,172.0ATL Fleet Ships, A/C
13,181.0US Navy HICOM
13,201.0USAF GCCS
13,204.0USAF GCCS VIP
13,205.0Berna Radio
13,205.0USAF SAC
13,207.0Canada MACS
13,210.0USAF GCCS
13,211.0Portishead
13,211.0USAF SAC
13,215.0USAF GCCS
13,220.0Lat AM USAF Co-op
13,224.0Hurricane USAF
13,231.0Lahr Military WX
13,237.0RAF Martelo Net MKL
13,241.0USAF SAC
13,244.0USAF GCCS
13,246.0German Air Force
13,247.0USAF GCCS
13,248.0German Air Force
13,254.0Canada MACS
13,257.0Lahr/Edm/Tren/StJ Mil
13,257.0RAF Strike Command
13,261.0WW CEP
13,261.5DOE
13,264.0WX Shannon
13,267.0Hurricane Ctr Miami
13,267.0WX Khabarovsk Russia
13,270.0WX Gander
13,270.0WX NY
13,273.0AFI-2
13,273.0Civ Av N&S Pac
13,280.0AFI-4
13,280.0Hongkong Coast
13,282.0WX Auckland
13,282.0WX Honolulu
13,285.0Rainbow Radio

13,288.0AFI-3 EUR-A MID-2
13,288.0Civ Av Ctl E Pac
13,288.0Honolulu ATC
13,291.0NAT-B/C/D
13,294.0AFI-4
13,297.0CAR
13,297.0Civ Av E Asia
13,297.0C-SAM
13,297.0NE-SAM
13,297.0SE-SAM
13,300.0CEP-5
13,300.0CWP-1
13,300.0CWP-2
13,300.0NP-3
13,300.0NP-4
13,300.0SP-6
13,300.0SP-7
13,303.0Civ Av N Ctl Asia
13,306.0INO-1 NAT-A/B/C
13,309.0SEA-2 EA-2
13,312.0Boeing
13,312.0DEA
13,312.0MID-1
13,312.0US Customs Channel YE
13,315.0NCA-1 SAT-1/2
13,318.0SEA-1/3
13,324.0Berna Radio
13,324.0Japan Air
13,327.0Aerolineas Argentinas
13,327.0LDOC Amsterdam KLM
13,327.0Lufthansa
13,327.0Olympic Airways
13,330.0Middle East Airlines
13,330.0Springbok Jo'burg
13,330.0WW HOU
13,330.0WW NY
13,330.0WW San Juan
13,333.0Dragon Radio
13,333.0LDOC Auckland
13,333.0LDOC Singapore

13,333.0Speedbird London
13,336.0LDOC Trinidad
13,339.0LDOC Mexico City
13,342.0LDOC Karachi
13,342.0LDOC Rangoon
13,342.0Stockholm Radio
13,344.0WX Anchorage
13,344.0WX Hong Kong
13,344.0WX Honolulu
13,344.0WX Oakland
13,344.0WX Tokyo
13,348.0WW HON
13,348.0WW SFO
13,351.0LDOC Jakarta
13,351.0LDOC Ostende
13,351.0LDOC Paris
13,352.0Civ Av S Am
13,352.0WX Brazil
13,354.0CEP-5
13,354.0Hurricane Ctr Miami
13,354.0NAT-E
13,354.0WW HON
13,357.0AFI-1 SAT-1/2
13,420.0Rainbow Radio
13,432.5DOT Emergency
13,547.0USAF SAC
13,630.0FAA
13,630.0SHARES Emergency Net
13,803.5DOE
13,826.0US Navy MARS
13,865.0Orion Portishead
13,881.0Sunair, KK2XCE
13,907.0US Customs Channel TB
13,907.0USAF SAC
13,915.0Intl Red Cross Switzerlnd
13,957.0American Airlines
13,965.0Intl Red Cross Switzerlnd
13,970.0Canada MACS
13,973.0Intl Red Cross Switzerlnd
13,974.0US Navy MARS

13,993.0SHARES Emergency Net
13,997.0Intl Red Cross Switzerlnd
13,998.5American Red Cross
14,235.0Pan Am Health Org
14,265.0IARN II, Red Cross Net
14,268.0UN Disaster Net 4UNUN1 NY
14,270.0American Red Cross
14,275.0Hurricane IARN/Red Cross
14,280.0Hurricane Puerto Rico Net
14,280.0IMRA Mission Net
14,283.0Hurricane Amateur Net
14,283.0UN Relief Net
14,300.0Maritime Mobile Net
14,325.0Hurricane Ctr/Hams
14,350.0DEA
14,383.5SHARES Emergency Net
14,384.5CFARS
14,441.5US Navy MARS
14,441.5USN Ships
14,448.0USAF SAC
14,450.0FEMA
14,461.0FHWA
14,467.0USN Ships
14,470.0US Navy MARS
14,470.0USN Ships
14,493.5US Customs
14,562.5Panama Radio?
14,615.0USAF Coordination
14,657.0DOE
14,670.0CHU Time
14,686.0DEA P Alt day
14,690.0DEA
14,716.0USAF SAC
14,744.0USAF SAC
14,775.0USAF SAC
14,776.0FEMA
14,818.5USN Ships
14,890.0Orion Portishead
14,894.0NORAD/SAGE
14,902.0Civil Air Patrol

14,955.0USAF SAC
15,000.0WWV
15,015.0USAF GCCS
15,021.0ATL Fleet Ships
15,031.0Lahr/Edm/Tren/StJ Mil
15,031.0RAF Strike Command
15,031.0USAF GCCS
15,035.0Edm/Tren/StJ Mil WX
15,035.0USAF SAC
15,036.0USAF GCCS
15,038.0Halifax Mil WX
15,039.0RAF Martelo Net MKL
15,041.0USAF SAC
15,046.0Berna Radio
15,048.0USAF GCCS VIP
15,051.0ATL Fleet Ships
15,057.0ATL Fleet Ships
15,067.0ATL Fleet Tactical
15,081.0USCG A/G
15,084.0USCG Helos
15,522.0COMNAVFORCARIB
15,544.0USAF SAC
15,680.0USAF GCCS
15,835.0Berna Radio
15,867.0US Customs Channel ZE
15,910.0FHWA
15,953.5US Customs Channel XG
15,962.0USAF SAC
15,964.0US Customs Channel VD
16,032.0Andrews, CROWN, AF-1
16,065.5DOE
16,090.0USAF GCCS
16,141.0DEA
16,201.0FEMA
16,211.5FHWA
16,348.0FAA
16,348.0SHARES Emergency Net
16,370.0Orion Portishead
16,420.0Marine Calling/Distress
16,450.0Medical Owings MD

16,465.0Scheveningen Ship Main
16,528.0Ship/Ship
16,531.0Ship/Ship
16,534.0Ship/Ship
16,590.2Medical Owings Mill MD
17,314.0USCG Portsmouth wx
17,347.0Scheveningen Coast H05
17,350.0Hongkong Coast
17,398.5DOE
17,405.0Orion Portishead
17,415.0Berna Radio
17,421.0DOT Emergency
17,485.0Caribbean Airways
17,525.0FHWA
17,601.0US Customs Channel XH
17,617.0USAF SAC
17,901.0Hurricane Ctr Miami
17,902.5DOE
17,904.0CEP-5
17,904.0CWP-1
17,904.0CWP-2
17,904.0NP-3
17,904.0NP-4
17,904.0SP-6
17,904.0SP-7
17,907.0SAM E/W-CAR EA-2
17,910.0Rainbow Radio
17,916.0LDOC Jakarta
17,916.0LDOC Stockholm
17,919.0LDOC Mexico City
17,920.0Thai Airlines
17,922.0Quantas
17,922.0Speedbird London
17,925.0Saudi Airlines
17,925.0Springbok Jo'burg
17,925.0WW HON
17,925.0WW NY
17,925.0WW San Juan
17,925.0WW SFO
17,928.0Japan Air

17,928.0LDOC Trinidad
17,931.0East African Awys
17,931.0Egyptair
17,931.0Gulf Air
17,931.0Lufthansa
17,931.0Middle East Airlines
17,934.0LDOC Rangoon
17,934.0LDOC Singapore
17,937.0LDOC Lima
17,940.0Dragon Radio
17,940.0LDOC Auckland
17,940.0LDOC Karachi
17,940.0LDOC Mexico DF
17,940.0LDOC Ostende
17,940.0WW HON
17,940.0WW HOU
17,946.0NAT-A/B/C/D/E
17,950.0Av Lat America?
17,955.0AFI-1 SAT-1/2
17,958.0NCA-1/2/3
17,961.0AFI-2
17,961.0AFI-3
17,961.0AFI-4
17,961.0Civ Av Ind Oc
17,961.0Civ Av NW Afr
17,961.0EUR-A
17,961.0INO-1
17,961.0MID-3
17,964.0Flight Test
17,972.0US Customs Channel YF
17,972.0USAF SAC
17,975.0USAF SAC
17,992.0German Air Force
17,995.0Edm/Tren/StJ Mil
18,002.0USAF GCCS
18,004.0Phone patches French op
18,005.0USAF SAC
18,006.0German Air Force
18,012.0Lahr/Edm/Tren/StJ Mil
18,018.0RAF Strike Command

18,019.0USAF GCCS
18,023.0Berna Radio
18,023.0FEMA
18,027.0Canada MACS
18,027.0USAF GCCS VIP
18,091.0Hurricane USAF
18,210.0Orion Portishead
18,283.0US Customs
18,390.0USAF GCCS VIP
18,594.0US Customs Channel VF
18,594.0USAF SAC
18,666.0Drug Enforcement H
18,990.0USAF/USN Coord
19,131.0US Customs Channel XI
19,223.0FHWA
19,303.0USAF Coordination
19,510.0Orion Portishead
19,640.0NASA Cape Radio
19,984.0USAF Coordination
20,000.0WWV
20,065.0Orion Portishead
20,167.0USAF SAC
20,191.0USAF Coordination
20,192.0Jupiter Control
20,390.0NASA Cape Radio
20,475.0USAF Coordination
20,600.0Lat AM USAF Co-op
20,631.0US Customs Channel VB
20,631.0USAF SAC
20,737.0USAF SAC
20,740.0USAF SAC
20,753.0Intl Red Cross Switzerlnd
20,812.0Intl Red Cross Switzerlnd
20,815.0Intl Red Cross Switzerlnd
20,846.0USAF SAC
20,852.0FAA
20,855.0NORAD/SAGE
20,873.0Civil Air Patrol
20,876.3MIT Observatory
20,885.0MAAG Bolivia, Panama

20,890.0US Customs Channel TC
20,890.0USAF SAC
20,939.0Intl Red Cross Switzerlnd
20,942.0Intl Red Cross Switzerlnd
20,993.5American Red Cross
20,998.0Intl Red Cross Switzerlnd
21,272.0FEMA
21,410.0Intl Police Assn
21,765.0Orion Portishead
21,815.0USAF SAC
21,931.0Flight Test
21,937.0Hurricane Ctr Miami
21,940.0Air France
21,943.0Gulf Air
21,943.0Middle East Airlines
21,943.0Springbok Jo'burg
21,946.0Speedbird London
21,949.0LDOC Rangoon
21,949.0LDOC Singapore
21,952.0Aer Lingus
21,952.0Alitalia
21,952.0TAP Portuguese airline
21,955.0LDOC Trinidad
21,964.0WW HON
21,964.0WW HOU
21,964.0WW NY
21,964.0WW San Juan
21,964.0WW SFO
21,967.0Iberia
21,970.0LDOC Auckland
21,970.0LDOC Jakarta
21,970.0LDOC Karachi
21,976.0LDOC Lima
21,979.0Lufthansa
21,979.0Olympic Airways
21,982.0East African Awys
21,982.0Egyptair
21,985.0Cubana
21,988.0Berna Radio
21,994.0Saudi Airlines

21,997.0Stockholm Radio
22,012.0Scheveningen Ship Main
22,015.0Portishead Ships
22,159.0Ship/Ship
22,162.0Ship/Ship
22,165.0Ship/Ship
22,168.0Ship/Ship
22,171.0Ship/Ship
22,687.0ATL Fleet Ships
22,708.0Scheveningen Coast H05
22,711.0Portishead Coast
22,722.0Medical Owings MD
23,206.0TAC
23,210.0Stockholm Radio
23,214.0US Customs Channel TD
23,220.0USAF Flight WX
23,224.0ATL Fleet Aircraft
23,226.0RAF Strike Command
23,227.0USAF GCCS
23,236.0RAF Martelo Net MKL
23,250.0Canada MACS
23,287.0USN HICOM LANT/CARIB
23,337.0USAF SAC
23,403.0DEA I Alt day
23,413.0NASA Cape Radio
23,419.0USAF SAC
23,675.0DEA
24,860.0Lat AM USAF Co-op
24,865.0Lat AM USAF Co-op
25,350.0US Customs Channel TE
25,433.0USAF Andrews AFB
25,500.0Berna Radio
26,217.0Civil Air Patrol
26,620.0Civil Air Patrol
27,625.0FAA
27,870.0US Customs Channel VA
27,870.0USAF SAC
27,998.0Intl Red Cross Switzerlnd
28,091.0FEMA
28,450.0Hurricane Puerto Rico Net

29,701.0Intl Red Cross Switzerlnd

29,855.0NORAD

90,000.0ZZ

90,000.0ZZ

90,000.0ZZ

, Oakville, Ontario

SORT AND S/

Macros need 1-2-3 R2.3 or later.

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AREA/SERVICE

FREQUENCY

Aer Lingus	5,532.0
Aer Lingus	21,952.0
Aerolineas Argentinas	13,327.0
AFI NP	11,330.0
AFI-1	3,452.0
AFI-1	6,535.0
AFI-1	6,673.0
AFI-1 SAT-1/2	8,861.0
AFI-1 SAT-1/2	13,357.0
AFI-1 SAT-1/2	17,955.0
AFI-2	3,419.0
AFI-2	13,273.0
AFI-2	17,961.0
AFI-2 AFI-2	8,894.0
AFI-2 CWP-1/2 AFI-2	5,652.0
AFI-3	3,467.0
AFI-3	6,574.0
AFI-3	8,870.0
AFI-3	11,300.0
AFI-3	17,961.0
AFI-3 EUR-A MID-2	13,288.0
AFI-3 MID-2	5,658.0
AFI-3 MID-2 SP-6/7	3,467.0
AFI-4	2,878.0
AFI-4	5,493.0
AFI-4	6,559.0

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AFI-4	8,873.0
AFI-4	8,888.0
AFI-4	8,903.0
AFI-4	13,280.0
AFI-4	13,294.0
AFI-4	17,961.0
AFI-4 W-CAR	6,586.0
AFI-5	4,657.0
AFI-5 SP-9	3,425.0
Air France	10,093.0
Air France	21,940.0
Air/Ground Common	8,771.0
Air/sea SAR worldwide	5,680.0
Alaska	2,648.0
Alaska	4,645.0
Alaska	4,947.5
Alaska	5,122.5
Alaska	5,310.0
Alaska	5,887.5
Alaska Emergency	5,167.5
Alitalia	5,532.0
Alitalia	21,952.0
American Airlines	13,957.0
American Red Cross	3,801.5
American Red Cross	13,998.5
American Red Cross	14,270.0
American Red Cross	20,993.5
Andrews, CROWN, AF-1	16,032.0
Antarctica US bases	8,997.0
ATL Fleet Aircraft	23,224.0
ATL Fleet Ships	5,718.0
ATL Fleet Ships	8,779.0
ATL Fleet Ships	15,021.0
ATL Fleet Ships	15,051.0
ATL Fleet Ships	15,057.0
ATL Fleet Ships	22,687.0
ATL Fleet Ships, A/C	6,708.0
ATL Fleet Ships, A/C	13,172.0
ATL Fleet Tactical	15,067.0
Atlanta Flight Support	8,921.0

Atlanta Flight Support	11,345.0
Av Lat America?	17,950.0
Avianca	8,938.0
Bell Can Quebec 1	3,166.0
Bell Can Quebec 2	7,465.0
Bell Can Quebec 3 prim	5,390.0
Bell Can Quebec 4 sec	5,430.0
Bell Telephone	3,155.0
Bell Telephone	4,438.0
Bell Telephone	4,439.0
Bell Telephone	4,610.5
Bell Telephone	5,005.0
Bell Telephone	5,099.1
Bell Telephone	6,763.0
Bell Telephone	6,803.1
Bell Telephone	7,300.0
Bell Telephone	7,549.1
Bell Telephone	7,552.0
Bell Telephone	7,552.1
Bell Telephone	7,697.1
Ben Gurion	8,837.0
Berna Radio	4,654.0
Berna Radio	6,643.0
Berna Radio	8,936.0
Berna Radio	10,069.0
Berna Radio	13,205.0
Berna Radio	13,324.0
Berna Radio	15,046.0
Berna Radio	15,835.0
Berna Radio	17,415.0
Berna Radio	18,023.0
Berna Radio	21,988.0
Berna Radio	25,500.0
Berna Reserve	3,010.0
Boeing	13,312.0
Can CG	4,376.0
Canada MACS	4,730.0
Canada MACS	4,752.0
Canada MACS	5,703.0
Canada MACS	5,718.0

Canada MACS	6,708.0
Canada MACS	6,716.0
Canada MACS	9,010.0
Canada MACS	10,194.0
Canada MACS	11,236.0
Canada MACS	13,207.0
Canada MACS	13,254.0
Canada MACS	13,970.0
Canada MACS	18,027.0
Canada MACS	23,250.0
Canada MACS VOLMET	3,046.0
Canada MACS VOLMET	5,690.0
Canada MACS VOLMET	6,693.0
Canada MACS VOLMET	6,746.0
Canada MACS VOLMET	11,249.0
Canada North Civil Av	5,680.0
Canada Search & Rescue	5,718.0
Canada Search & Rescue	8,993.0
CAR	5,550.0
CAR	13,297.0
Carib interisland police	5,690.0
Carib Inter-Island	7,165.0
Caribbean Airways	6,526.0
Caribbean Airways	17,485.0
Caribbean Maritime	7,168.0
CCG E Coast wx	2,749.0
CCG Halifax	6,513.0
CCG VFF Iqaluit	6,513.0
CCG VOJ	2,598.0
CEP-5	2,869.0
CEP-5	3,413.0
CEP-5	5,547.0
CEP-5	5,574.0
CEP-5	8,843.0
CEP-5	11,282.0
CEP-5	13,300.0
CEP-5	13,354.0
CEP-5	17,904.0
CFARS	14,384.5
CFB Trenton patches	11,214.0

Chalk Airlines	5,737.0
CHU Time	3,330.0
CHU Time	7,335.0
CHU Time	14,670.0
Civ Av Afr	10,057.0
Civ Av Carib	5,550.0
Civ Av Ctl E Pac	3,413.0
Civ Av Ctl E Pac	5,574.0
Civ Av Ctl E Pac	6,673.0
Civ Av Ctl E Pac	10,057.0
Civ Av Ctl E Pac	13,288.0
Civ Av CWP	2,998.0
Civ Av CWP	4,666.0
Civ Av E Afr	2,851.0
Civ Av E Afr	5,493.0
Civ Av E Asia	10,042.0
Civ Av E Asia	13,297.0
Civ Av Ind Oc	17,961.0
Civ Av ME	2,956.0
Civ Av ME	3,467.0
Civ Av ME	5,589.0
Civ Av ME	8,945.0
Civ Av ME	10,018.0
Civ Av N Afr	5,352.0
Civ Av N Atl	8,825.0
Civ Av N Ctl Asia	5,676.0
Civ Av N Ctl Asia	11,297.0
Civ Av N Ctl Asia	13,303.0
Civ Av N Pac	8,951.0
Civ Av NW Afr	17,961.0
Civ Av N&S Pac	13,273.0
Civ Av Pac	2,863.0
Civ Av Pac	6,679.0
Civ Av Pac	8,828.0
Civ Av S Am	13,352.0
Civ Av S Atl	2,844.0
Civ Av S Pac	3,467.0
Civ Av SE Asia	2,965.0
Civ Av SE Asia	6,676.0
Civ Av SW S Am	8,826.0

Civ Av W Afr	3,467.0
Civ Av W Afr	6,574.0
Civil Air Patrol	2,371.0
Civil Air Patrol	2,374.0
Civil Air Patrol	4,273.0
Civil Air Patrol	4,466.0
Civil Air Patrol	4,469.0
Civil Air Patrol	4,506.0
Civil Air Patrol	4,509.0
Civil Air Patrol	4,582.0
Civil Air Patrol	4,627.0
Civil Air Patrol	4,630.0
Civil Air Patrol	4,735.0
Civil Air Patrol	4,804.0
Civil Air Patrol	7,620.0
Civil Air Patrol	11,975.0
Civil Air Patrol	14,902.0
Civil Air Patrol	20,873.0
Civil Air Patrol	26,217.0
Civil Air Patrol	26,620.0
Coast Guard Halifax Coast	8,785.0
Coast Guard Halifax Coast	13,113.0
COMNAVFORCARIB	7,535.0
COMNAVFORCARIB	15,522.0
COMSTA Charleston	10,788.0
Corps of Engineers	2,300.0
Corps of Engineers	2,326.0
Corps of Engineers	2,345.0
Corps of Engineers	2,348.5
Corps of Engineers	2,350.0
Corps of Engineers	2,602.0
Corps of Engineers	2,605.0
Corps of Engineers	3,287.0
Corps of Engineers	3,290.0
Corps of Engineers	3,302.0
Corps of Engineers	3,305.0
Corps of Engineers	4,850.0
Corps of Engineers	5,011.0
Corps of Engineers	5,015.0
Corps of Engineers	5,327.0

Corps of Engineers	5,346.0
Corps of Engineers	5,400.0
Corps of Engineers	5,437.0
Cubana	5,562.0
Cubana	8,927.0
Cubana	21,985.0
CWP-1	2,932.0
CWP-1	6,532.0
CWP-1	8,903.0
CWP-1	13,300.0
CWP-1	17,904.0
CWP-1/2	2,998.0
CWP-1/2	4,666.0
CWP-1/2	6,562.0
CWP-1/2	11,384.0
CWP-2	6,532.0
CWP-2	8,903.0
CWP-2	13,300.0
CWP-2	17,904.0
C-SAM	10,096.0
C-SAM	13,297.0
C/NE/SE-SAM	5,526.0
C/NE/SE-SAM AK	8,855.0
C/SE/NE-SAM EUR-1	3,479.0
DEA	4,500.0
DEA	4,991.0
DEA	5,058.5
DEA	5,277.0
DEA	5,841.0
DEA	7,300.0
DEA	7,582.0
DEA	7,657.0
DEA	9,497.0
DEA	11,246.0
DEA	12,222.0
DEA	13,312.0
DEA	14,350.0
DEA	14,690.0
DEA	16,141.0
DEA	23,675.0

DEA I Alt day	23,403.0
DEA P Alt day	14,686.0
DEW Line	5,295.0
DOE	2,287.5
DOE	2,622.5
DOE	3,336.6
DOE	4,480.5
DOE	4,669.5
DOE	5,309.5
DOE	5,752.5
DOE	5,948.5
DOE	6,646.5
DOE	6,982.5
DOE	7,701.5
DOE	7,840.5
DOE	8,025.0
DOE	9,115.5
DOE	9,919.5
DOE	9,963.5
DOE	11,126.5
DOE	11,397.5
DOE	11,556.5
DOE	13,261.5
DOE	13,803.5
DOE	14,657.0
DOE	16,065.5
DOE	17,398.5
DOE	17,902.5
Domestic AK	2,875.0
Domestic AK	2,911.0
Domestic AK	2,956.0
Domestic AK	5,463.0
Domestic AK	5,472.0
Domestic AK	5,484.0
Domestic AK	5,490.0
Domestic AK	5,496.0
Domestic AK	5,631.0
Domestic AK	6,580.0
Domestic AK	6,604.0
Domestic AK	8,876.0

Domestic AK	11,357.0
Domestic AK	11,363.0
DOT Emergency	3,303.0
DOT Emergency	4,055.0
DOT Emergency	5,008.0
DOT Emergency	7,373.5
DOT Emergency	7,475.0
DOT Emergency	7,582.0
DOT Emergency	8,125.0
DOT Emergency	9,074.5
DOT Emergency	11,028.0
DOT Emergency	13,432.5
DOT Emergency	17,421.0
Dragon Radio	6,637.0
Dragon Radio	8,921.0
Dragon Radio	13,333.0
Dragon Radio	17,940.0
Drug Enforcement	4,376.0
Drug Enforcement	6,513.0
Drug Enforcement	8,769.0
Drug Enforcement	12,220.0
Drug Enforcement	13,150.0
Drug Enforcement B	5,841.0
Drug Enforcement E	11,076.0
Drug Enforcement H	18,666.0
Dutch Navy den Helder	4,429.0
East African Awys	17,931.0
East African Awys	21,982.0
East Coast Emergency net	7,240.0
EA-1	6,571.0
EA-1	8,897.0
EA-1 SEA-2	5,655.0
Edm/Tren Mil	3,046.0
Edm/Tren Mil	8,989.0
Edm/Tren Mil	11,265.0
Edm/Tren Mil	11,271.0
Edm/Tren/StJ Mil	17,995.0
Edm/Tren/StJ Mil WX	6,753.0
Edm/Tren/StJ Mil WX	15,035.0
Egyptair	8,933.0

Egyptair	17,931.0
Egyptair	21,982.0
Emergency Coordination	4,125.0
ETR PRI Night Channel	5,190.0
EUR-A	5,661.0
EUR-A	6,598.0
EUR-A	10,084.0
EUR-A	17,961.0
E-CAR	2,887.0
E-CAR	6,577.0
E-CAR	11,387.0
E-CAR MID-1	8,918.0
FAA	13,630.0
FAA	16,348.0
FAA	20,852.0
FAA	27,625.0
FAA, KDM49	8,125.0
FAA KIA21	7,475.0
FACSFAC Jacksonville	6,742.0
FACSFAC Jacksonville	11,252.0
FACSFAC Oceana	7,467.0
FEMA	5,211.0
FEMA	7,533.5
FEMA	10,194.0
FEMA	10,493.0
FEMA	10,588.0
FEMA	14,450.0
FEMA	14,776.0
FEMA	16,201.0
FEMA	18,023.0
FEMA	21,272.0
FEMA	28,091.0
FHWA	3,199.5
FHWA	3,304.5
FHWA	4,902.0
FHWA	5,255.0
FHWA	5,424.0
FHWA	7,419.0
FHWA	7,726.5
FHWA	7,743.0

FHWA	7,821.0
FHWA	9,169.0
FHWA	9,197.0
FHWA	10,891.0
FHWA	10,918.0
FHWA	11,518.7
FHWA	12,158.0
FHWA	12,178.7
FHWA	14,461.0
FHWA	15,910.0
FHWA	16,211.5
FHWA	17,525.0
FHWA	19,223.0
Flight Test	3,004.0
Flight Test	3,281.0
Flight Test	3,443.0
Flight Test	5,451.0
Flight Test	5,469.0
Flight Test	5,571.0
Flight Test	6,550.0
Flight Test	10,045.0
Flight Test	11,306.0
Flight Test	17,964.0
Flight Test	21,931.0
French Canadian fixed	5,164.0
Gander	2,298.0
Gander Aeradio	10,051.0
German Air Force	11,187.0
German Air Force	11,266.0
German Air Force	13,246.0
German Air Force	13,248.0
German Air Force	17,992.0
German Air Force	18,006.0
Gulf Air	6,526.0
Gulf Air	10,093.0
Gulf Air	11,354.0
Gulf Air	17,931.0
Gulf Air	21,943.0
Gulf of Mexico	4,550.0
Gulf of Mexico	5,036.0

Gulf Oil Rigs	4,637.5
Haitian Navy/CG	5,399.0
Halifax Mil WX	15,038.0
Halifax Military	5,684.0
Harbour Control	2,714.0
Harbour Control	2,836.0
HICOM LANT/CARIB	11,267.0
Hongkong Coast	13,280.0
Hongkong Coast	17,350.0
Honolulu ATC	13,288.0
Honolulu WX	8,828.0
Hurricane Amateur Net	14,283.0
Hurricane Ctr Miami	3,407.0
Hurricane Ctr Miami	5,562.0
Hurricane Ctr Miami	6,673.0
Hurricane Ctr Miami	8,876.0
Hurricane Ctr Miami	9,020.0
Hurricane Ctr Miami	10,015.0
Hurricane Ctr Miami	11,898.0
Hurricane Ctr Miami	13,267.0
Hurricane Ctr Miami	13,354.0
Hurricane Ctr Miami	17,901.0
Hurricane Ctr Miami	21,937.0
Hurricane Ctr/Hams	14,325.0
Hurricane Gulf Net	3,935.0
Hurricane Gulf Net	7,235.0
Hurricane IARN/Red Cross	14,275.0
Hurricane Natl Net	3,815.0
Hurricane Puerto Rico Net	7,055.0
Hurricane Puerto Rico Net	7,073.0
Hurricane Puerto Rico Net	14,280.0
Hurricane Puerto Rico Net	28,450.0
Hurricane USAF	4,746.0
Hurricane USAF	6,750.0
Hurricane USAF	8,993.0
Hurricane USAF	12,246.0
Hurricane USAF	13,224.0
Hurricane USAF	18,091.0
Hurricane W Gulf	3,943.0
Hurricane Warn	7,507.0

Hurricane Warn	9,380.0
IARN II, Red Cross Net	14,265.0
Iberia	5,529.0
Iberia	21,967.0
IMRA Mission Net	14,280.0
INO-1	3,476.0
INO-1	5,634.0
INO-1	17,961.0
INO-1 NAT-A/B/C	13,306.0
INO-1 NAT-B/C AFI-5	8,879.0
Internship Safety	2,638.0
Internship Safety	2,738.0
Internship Safety	2,782.0
Intl Police Assn	21,410.0
Intl Red Cross Switzerlnd	6,998.5
Intl Red Cross Switzerlnd	13,915.0
Intl Red Cross Switzerlnd	13,965.0
Intl Red Cross Switzerlnd	13,973.0
Intl Red Cross Switzerlnd	13,997.0
Intl Red Cross Switzerlnd	20,753.0
Intl Red Cross Switzerlnd	20,812.0
Intl Red Cross Switzerlnd	20,815.0
Intl Red Cross Switzerlnd	20,939.0
Intl Red Cross Switzerlnd	20,942.0
Intl Red Cross Switzerlnd	20,998.0
Intl Red Cross Switzerlnd	27,998.0
Intl Red Cross Switzerlnd	29,701.0
Japan Air	13,324.0
Japan Air	17,928.0
Jupiter Control	20,192.0
Lahr Military WX	5,690.0
Lahr Military WX	13,231.0
Lahr/Edm/Tren/StJ Mil	3,092.0
Lahr/Edm/Tren/StJ Mil	4,704.0
Lahr/Edm/Tren/StJ Mil	6,705.0
Lahr/Edm/Tren/StJ Mil	9,006.0
Lahr/Edm/Tren/StJ Mil	11,233.0
Lahr/Edm/Tren/StJ Mil	13,257.0
Lahr/Edm/Tren/StJ Mil	15,031.0
Lahr/Edm/Tren/StJ Mil	18,012.0

Lajes AFB	4,647.0
Lat AM USAF Co-op	13,220.0
Lat AM USAF Co-op	20,600.0
Lat AM USAF Co-op	24,860.0
Lat AM USAF Co-op	24,865.0
LDOC Lima Peru	5,535.0
LDOC Amsterdam KLM	8,924.0
LDOC Amsterdam KLM	13,327.0
LDOC Auckland	3,007.0
LDOC Auckland	6,637.0
LDOC Auckland	10,072.0
LDOC Auckland	13,333.0
LDOC Auckland	17,940.0
LDOC Auckland	21,970.0
LDOC Jakarta	3,007.0
LDOC Jakarta	6,637.0
LDOC Jakarta	8,921.0
LDOC Jakarta	10,072.0
LDOC Jakarta	13,351.0
LDOC Jakarta	17,916.0
LDOC Jakarta	21,970.0
LDOC Karachi	8,930.0
LDOC Karachi	11,351.0
LDOC Karachi	13,342.0
LDOC Karachi	17,940.0
LDOC Karachi	21,970.0
LDOC Lima	3,010.0
LDOC Lima	8,924.0
LDOC Lima	11,345.0
LDOC Lima	11,393.0
LDOC Lima	17,937.0
LDOC Lima	21,976.0
LDOC Lima Peru	8,885.0
LDOC London	5,535.0
LDOC Mexico City	3,007.0
LDOC Mexico City	5,544.0
LDOC Mexico City	8,927.0
LDOC Mexico City	10,033.0
LDOC Mexico City	13,339.0
LDOC Mexico City	17,919.0

LDOC Mexico DF	17,940.0
LDOC Ostende	13,351.0
LDOC Ostende	17,940.0
LDOC Paris	13,351.0
LDOC Rangoon	3,007.0
LDOC Rangoon	4,687.0
LDOC Rangoon	11,351.0
LDOC Rangoon	13,342.0
LDOC Rangoon	17,934.0
LDOC Rangoon	21,949.0
LDOC Singapore	6,637.0
LDOC Singapore	8,930.0
LDOC Singapore	10,078.0
LDOC Singapore	13,333.0
LDOC Singapore	17,934.0
LDOC Singapore	21,949.0
LDOC Stockholm	5,541.0
LDOC Stockholm	8,930.0
LDOC Stockholm	17,916.0
LDOC Trinidad	3,010.0
LDOC Trinidad	5,535.0
LDOC Trinidad	8,924.0
LDOC Trinidad	11,345.0
LDOC Trinidad	13,336.0
LDOC Trinidad	17,928.0
LDOC Trinidad	21,955.0
LIAT Antigua	5,490.0
Lima Radio	11,306.0
LRCN	6,965.0
LRCN	7,790.0
LRCN	7,820.0
Lufthansa	13,327.0
Lufthansa	17,931.0
Lufthansa	21,979.0
MAAG Bolivia, Panama	20,885.0
MAF Net LatAm	4,665.0
Marine Calling/Distress	2,182.0
Marine Calling/Distress	4,125.0
Marine Calling/Distress	6,215.0
Marine Calling/Distress	8,291.0

Marine Calling/Distress	12,290.0
Marine Calling/Distress	16,420.0
Maritime Mobile Net	14,300.0
Medical Owings MD	7,952.0
Medical Owings MD	12,327.0
Medical Owings MD	16,450.0
Medical Owings MD	22,722.0
Medical Owings Mill MD	4,893.0
Medical Owings Mill MD	16,590.2
MID	3,473.0
MID	6,625.0
Middle East Airlines	5,538.0
Middle East Airlines	10,075.0
Middle East Airlines	13,330.0
Middle East Airlines	17,931.0
Middle East Airlines	21,943.0
MID-1	2,992.0
MID-1	5,667.0
MID-1	13,312.0
MID-2	3,467.0
MID-2	10,018.0
MID-3	6,631.0
MID-3	8,951.0
MID-3	11,375.0
MID-3	17,961.0
MIT Observatory	20,876.3
MSF Time/Freq	5,000.0
NAS Key West	11,186.0
NASA	3,120.0
NASA	5,436.0
NASA Cape Radio	4,856.0
NASA Cape Radio	4,992.0
NASA Cape Radio	6,837.0
NASA Cape Radio	6,896.0
NASA Cape Radio	7,461.0
NASA Cape Radio	9,006.0
NASA Cape Radio	10,780.0
NASA Cape Radio	11,414.0
NASA Cape Radio	11,548.0
NASA Cape Radio	19,640.0

NASA Cape Radio	20,390.0
NASA Cape Radio	23,413.0
National Guard	4,840.0
NAT-A	5,598.0
NAT-A	8,825.0
NAT-A EA-1	3,016.0
NAT-A/B/C/D/E	17,946.0
NAT-B/C	2,899.0
NAT-B/C	2,962.0
NAT-B/C	5,616.0
NAT-B/C	8,864.0
NAT-B/C SEA-2	5,649.0
NAT-B/C/D	13,291.0
NAT-D	2,971.0
NAT-D	4,675.0
NAT-D	6,622.0
NAT-D	8,891.0
NAT-D	11,279.0
NAT-D	11,336.0
NAT-E	3,476.0
NAT-E	6,628.0
NAT-E	8,831.0
NAT-E	8,906.0
NAT-E	11,309.0
NAT-E	13,354.0
NCA-1 oil rigs AK	3,019.0
NCA-1 SAT-1/2	13,315.0
NCA-1/2/3	17,958.0
NCA-2	4,678.0
NCA-2	6,592.0
NCA-3	5,664.0
New York Radio	10,051.0
NE-SAM	10,096.0
NE-SAM	13,297.0
NMFS, KAC	2,613.0
NOAA	3,407.0
NOAA	5,562.0
NOAA	7,880.0
NOAA	11,398.0
NORAD	11,141.0

NORAD	11,264.0
NORAD	11,284.0
NORAD	29,855.0
NORAD/SAGE	4,872.0
NORAD/SAGE	5,297.0
NORAD/SAGE	6,708.0
NORAD/SAGE	9,793.0
NORAD/SAGE	11,441.0
NORAD/SAGE	14,894.0
NORAD/SAGE	20,855.0
Norontair S Ste Marie ON	5,490.0
NP	6,655.0
NP	6,661.0
NP-3	5,628.0
NP-3	10,048.0
NP-3	13,300.0
NP-3	17,904.0
NP-4	2,932.0
NP-4	5,628.0
NP-4	10,048.0
NP-4	13,300.0
NP-4	17,904.0
NW-SAM	10,024.0
NW/SW-SAM	6,649.0
NW/SW-SAM	11,360.0
NW/SW-SAM MID-3	4,669.0
NW/SW-SAM MID-3 SAT-2	2,944.0
Oakland WX	8,878.0
Offshore Drilling	2,878.0
Offshore Drilling	3,019.0
Offshore Drilling	3,434.0
Offshore Drilling	4,672.0
Offshore Drilling	5,463.0
Offshore Drilling	5,508.0
Olympic Airways	13,327.0
Olympic Airways	21,979.0
Orion Portishead	3,482.0
Orion Portishead	4,807.0
Orion Portishead	5,610.0
Orion Portishead	6,634.0

Orion Portishead	8,170.0
Orion Portishead	8,185.0
Orion Portishead	8,960.0
Orion Portishead	10,291.0
Orion Portishead	12,133.0
Orion Portishead	13,865.0
Orion Portishead	14,890.0
Orion Portishead	16,370.0
Orion Portishead	17,405.0
Orion Portishead	18,210.0
Orion Portishead	19,510.0
Orion Portishead	20,065.0
Orion Portishead	21,765.0
Pan Am Health Org	14,235.0
Panama Radio?	14,562.5
Phone patches French op	18,004.0
Portishead	13,211.0
Portishead Coast	22,711.0
Portishead Ships	22,015.0
Portishead/Lima/Panama	11,306.0
Portland Ops UK	8,993.0
Quantas	17,922.0
RAF Air Defense	3,120.0
RAF Air Defense	3,939.0
RAF Air Defense	4,707.0
RAF Air Defense	4,710.0
RAF Air Defense	4,739.0
RAF Air Defense	5,747.0
RAF Air Defense	6,693.0
RAF Air Defense	6,715.0
RAF Air Defense	6,733.0
RAF Air Defense	6,740.0
RAF Air Defense	6,748.0
RAF Air Defense	6,765.0
RAF Alconbury (USAF)	3,109.0
RAF Alconbury (USAF)	6,741.0
RAF Alconbury (USAF)	9,025.0
RAF Alconbury (USAF)	11,257.0
RAF Finingley	4,749.0
RAF Finingley	5,685.0

RAF Finingley	9,024.0
RAF Finingley	11,250.0
RAF Martelo Net	2,428.0
RAF Martelo Net MKL	3,935.0
RAF Martelo Net MKL	4,730.0
RAF Martelo Net MKL	5,441.0
RAF Martelo Net MKL	6,697.0
RAF Martelo Net MKL	8,987.0
RAF Martelo Net MKL	9,036.0
RAF Martelo Net MKL	11,212.0
RAF Martelo Net MKL	13,237.0
RAF Martelo Net MKL	15,039.0
RAF Martelo Net MKL	23,236.0
RAF Strike Command	2,591.0
RAF Strike Command	4,540.0
RAF Strike Command	4,732.0
RAF Strike Command	4,742.0
RAF Strike Command	5,729.0
RAF Strike Command	6,562.0
RAF Strike Command	6,730.0
RAF Strike Command	6,738.0
RAF Strike Command	8,190.0
RAF Strike Command	8,967.0
RAF Strike Command	8,990.0
RAF Strike Command	9,032.0
RAF Strike Command	11,185.0
RAF Strike Command	11,204.0
RAF Strike Command	11,234.0
RAF Strike Command	13,257.0
RAF Strike Command	15,031.0
RAF Strike Command	18,018.0
RAF Strike Command	23,226.0
RAF UKADGE	4,464.0
RAF UKADGE	4,717.0
RAF UKADGE	5,095.0
RAF UKADGE	5,462.0
RAF UKADGE	5,470.0
RAF UKADGE	5,721.0
RAF UKADGE	6,690.0
RAF UKADGE	6,760.0

RAF UKADGE	8,790.0
RAF UKADGE	9,011.0
Rainbow Radio	3,458.0
Rainbow Radio	5,604.0
Rainbow Radio	8,819.0
Rainbow Radio	13,285.0
Rainbow Radio	13,420.0
Rainbow Radio	17,910.0
RN Culdrose	3,885.0
RN Prestwick Ops	9,014.0
RN Yeovilton Ops	5,450.0
RN Yeovilton Ops	8,977.0
Rockwell Collins	7,655.0
Rockwell Flight Test	8,822.0
Sabena	5,529.0
Sabena	8,924.0
SAC (Ch Victor)	4,727.0
SAM E/W-CAR EA-2	17,907.0
SAT	2,935.0
SAT-1	3,452.0
SAT-1	6,535.0
SAT-1/2	2,854.0
SAT-1/2	5,565.0
SAT-1/2	11,291.0
Saudi Airlines	17,925.0
Saudi Airlines	21,994.0
Scheveningen Coast A Call	2,824.0
Scheveningen Coast B	1,716.0
Scheveningen Coast C	2,600.0
Scheveningen Coast D	1,674.0
Scheveningen Coast F	1,713.0
Scheveningen Coast H05	8,794.0
Scheveningen Coast H05	13,113.0
Scheveningen Coast H05	17,347.0
Scheveningen Coast H05	22,708.0
Scheveningen Coast I	1,890.0
Scheveningen Radio Ship	4,077.0
Scheveningen Ship A Call	2,520.0
Scheveningen Ship B	2,060.0
Scheveningen Ship C	1,995.0

Scheveningen Ship D	2,099.0
Scheveningen Ship F	2,138.0
Scheveningen Ship I	2,045.0
Scheveningen Ship I	2,048.0
Scheveningen Ship I	2,051.0
Scheveningen Ship I	2,054.0
Scheveningen Ship Main	8,270.0
Scheveningen Ship Main	12,266.0
Scheveningen Ship Main	16,465.0
Scheveningen Ship Main	22,012.0
Search & Rescue	3,023.0
SEA-1	6,656.0
SEA-1	10,066.0
SEA-1/3	6,556.0
SEA-1/3	13,318.0
SEA-1/3 AK	3,470.0
SEA-2	8,942.0
SEA-2 EA-2	3,485.0
SEA-2 EA-2	13,309.0
SEA-2/3 EA-2 W-CAR	11,396.0
SEA-3	11,318.0
SE-SAM	10,096.0
SE-SAM	13,297.0
Shannon Volmet	3,413.0
Shannon Volmet	5,505.0
SHARES Emergency Net	7,475.0
SHARES Emergency Net	7,540.0
SHARES Emergency Net	8,125.0
SHARES Emergency Net	10,195.0
SHARES Emergency Net	10,891.0
SHARES Emergency Net	11,028.0
SHARES Emergency Net	13,630.0
SHARES Emergency Net	13,993.0
SHARES Emergency Net	14,383.5
SHARES Emergency Net	16,348.0
Ship/Ship	4,148.0
Ship/Ship	4,164.0
Ship/Ship	6,224.0
Ship/Ship	6,227.0
Ship/Ship	6,230.0

Ship/Ship	8,294.0
Ship/Ship	8,297.0
Ship/Ship	12,353.0
Ship/Ship	12,356.0
Ship/Ship	12,359.0
Ship/Ship	16,528.0
Ship/Ship	16,531.0
Ship/Ship	16,534.0
Ship/Ship	22,159.0
Ship/Ship	22,162.0
Ship/Ship	22,165.0
Ship/Ship	22,168.0
Ship/Ship	22,171.0
Southbound 2 Atlantic wx	6,224.0
SP	11,327.0
Special Patrol Ops	7,626.0
Special Patrol Ops	8,169.0
Speedbird London	8,921.0
Speedbird London	10,072.0
Speedbird London	13,333.0
Speedbird London	17,922.0
Speedbird London	21,946.0
Springbok Jo'burg	3,013.0
Springbok Jo'burg	5,532.0
Springbok Jo'burg	8,933.0
Springbok Jo'burg	11,354.0
Springbok Jo'burg	13,330.0
Springbok Jo'burg	17,925.0
Springbok Jo'burg	21,943.0
SP-6	3,467.0
SP-6	5,643.0
SP-6	13,300.0
SP-6	17,904.0
SP-6/7	8,867.0
SP-7	3,467.0
SP-7	5,643.0
SP-7	13,300.0
SP-7	17,904.0
SP-9	6,553.0
SP-9	11,339.0

SP-9 W-CAR	8,846.0
St Lys Coast	8,806.0
Stockholm Radio	11,222.0
Stockholm Radio	11,345.0
Stockholm Radio	13,342.0
Stockholm Radio	21,997.0
Stockholm Radio	23,210.0
Sunair, KK2XCE	9,305.0
Sunair, KK2XCE	13,881.0
Sunair KK2XCE	7,553.0
Survival Craft	8,364.0
SW-SAM	10,024.0
SW-SAM-8	10,024.0
TAC	3,060.0
TAC	11,124.0
TAC	23,206.0
Tactical, CHOKER	6,879.0
Tactical, CHOKER	6,970.0
TAP Portuguese airline	5,532.0
TAP Portuguese airline	8,924.0
TAP Portuguese airline	21,952.0
Thai Airlines	17,920.0
Time sigs VNG Penrith NSW	12,984.0
UN Disaster Net 4UNUN1 NY	14,268.0
UN Relief Net	14,283.0
US Customs	14,493.5
US Customs	18,283.0
US Customs Channel TA	10,242.0
US Customs Channel TB	13,907.0
US Customs Channel TC	20,890.0
US Customs Channel TD	23,214.0
US Customs Channel TE	25,350.0
US Customs Channel VA	27,870.0
US Customs Channel VB	20,631.0
US Customs Channel VD	15,964.0
US Customs Channel VF	11,494.0
US Customs Channel VF	18,594.0
US Customs Channel XA	2,808.5
US Customs Channel XB	4,991.0
US Customs Channel XC	5,085.0

US Customs Channel XD	7,778.5
US Customs Channel XE	9,238.0
US Customs Channel XF	11,073.0
US Customs Channel XG	15,953.5
US Customs Channel XH	17,601.0
US Customs Channel XI	19,131.0
US Customs Channel YA	3,428.0
US Customs Channel YB	5,571.0
US Customs Channel YC	8,912.0
US Customs Channel YD	11,288.0
US Customs Channel YE	13,312.0
US Customs Channel YF	17,972.0
US Customs Channel YK	3,369.0
US Customs Channel ZA	4,500.0
US Customs Channel ZB	7,527.0
US Customs Channel ZC	9,802.0
US Customs Channel ZD	12,222.0
US Customs Channel ZE	15,867.0
US Navy Harbour	2,716.0
US Navy HICOM	13,181.0
US Navy MARS	12,047.5
US Navy MARS	13,826.0
US Navy MARS	13,974.0
US Navy MARS	14,441.5
US Navy MARS	14,470.0
US Navy Tactical	3,130.0
US Navy (Atlantic)	8,972.0
US Navy (Raspberry Ch)	6,723.0
USAF	9,014.0
USAF	11,214.0
USAF Andrews AFB	25,433.0
USAF Coordination	4,510.0
USAF Coordination	4,855.0
USAF Coordination	5,350.0
USAF Coordination	5,810.0
USAF Coordination	6,727.0
USAF Coordination	6,740.0
USAF Coordination	9,315.0
USAF Coordination	9,316.0
USAF Coordination	9,974.0

USAF Coordination	11,414.0
USAF Coordination	11,548.0
USAF Coordination	14,615.0
USAF Coordination	19,303.0
USAF Coordination	19,984.0
USAF Coordination	20,191.0
USAF Coordination	20,475.0
USAF Flight WX	23,220.0
USAF GCCS	3,067.0
USAF GCCS	3,074.0
USAF GCCS	3,081.0
USAF GCCS	3,137.0
USAF GCCS	4,721.0
USAF GCCS	4,729.0
USAF GCCS	5,688.0
USAF GCCS	5,703.0
USAF GCCS	5,710.0
USAF GCCS	6,688.0
USAF GCCS	6,738.0
USAF GCCS	6,753.0
USAF GCCS	6,756.0
USAF GCCS	6,757.0
USAF GCCS	8,964.0
USAF GCCS	8,967.0
USAF GCCS	8,989.0
USAF GCCS	9,006.0
USAF GCCS	9,011.0
USAF GCCS	9,014.0
USAF GCCS	10,019.0
USAF GCCS	11,176.0
USAF GCCS	11,179.0
USAF GCCS	11,182.0
USAF GCCS	11,226.0
USAF GCCS	11,228.0
USAF GCCS	11,229.0
USAF GCCS	11,236.0
USAF GCCS	11,239.0
USAF GCCS	11,246.0
USAF GCCS	13,201.0
USAF GCCS	13,210.0

USAF GCCS	13,215.0
USAF GCCS	13,244.0
USAF GCCS	13,247.0
USAF GCCS	15,015.0
USAF GCCS	15,031.0
USAF GCCS	15,036.0
USAF GCCS	15,680.0
USAF GCCS	16,090.0
USAF GCCS	18,002.0
USAF GCCS	18,019.0
USAF GCCS	23,227.0
USAF GCCS AF-1	6,683.0
USAF GCCS VIP	6,727.0
USAF GCCS VIP	6,730.0
USAF GCCS VIP	6,760.0
USAF GCCS VIP	6,830.0
USAF GCCS VIP	11,055.0
USAF GCCS VIP	11,180.0
USAF GCCS VIP	13,204.0
USAF GCCS VIP	15,048.0
USAF GCCS VIP	18,027.0
USAF GCCS VIP	18,390.0
USAF Rescue	6,715.0
USAF Rescue	11,440.0
USAF SAC	3,113.0
USAF SAC	3,292.0
USAF SAC	3,295.0
USAF SAC	3,369.0
USAF SAC	4,489.5
USAF SAC	4,492.0
USAF SAC	4,495.0
USAF SAC	4,725.0
USAF SAC	4,896.0
USAF SAC	5,020.0
USAF SAC	5,026.0
USAF SAC	5,110.0
USAF SAC	5,171.0
USAF SAC	5,215.0
USAF SAC	5,243.0
USAF SAC	5,328.0

USAF SAC	5,684.0
USAF SAC	5,700.0
USAF SAC	5,826.0
USAF SAC	5,987.0
USAF SAC	6,680.0
USAF SAC	6,712.0
USAF SAC	6,746.0
USAF SAC	6,826.0
USAF SAC	6,840.0
USAF SAC	6,863.0
USAF SAC	6,870.0
USAF SAC	6,886.0
USAF SAC	7,330.0
USAF SAC	7,475.0
USAF SAC	7,983.0
USAF SAC	8,101.0
USAF SAC	9,023.0
USAF SAC	9,027.0
USAF SAC	9,057.0
USAF SAC	9,220.0
USAF SAC	9,234.0
USAF SAC	10,452.0
USAF SAC	10,510.0
USAF SAC	11,100.0
USAF SAC	11,118.0
USAF SAC	11,220.0
USAF SAC	11,243.0
USAF SAC	11,408.0
USAF SAC	11,494.0
USAF SAC	11,607.0
USAF SAC	13,205.0
USAF SAC	13,211.0
USAF SAC	13,241.0
USAF SAC	13,547.0
USAF SAC	13,907.0
USAF SAC	14,448.0
USAF SAC	14,716.0
USAF SAC	14,744.0
USAF SAC	14,775.0
USAF SAC	14,955.0

USAF SAC	15,035.0
USAF SAC	15,041.0
USAF SAC	15,544.0
USAF SAC	15,962.0
USAF SAC	17,617.0
USAF SAC	17,972.0
USAF SAC	17,975.0
USAF SAC	18,005.0
USAF SAC	18,594.0
USAF SAC	20,167.0
USAF SAC	20,631.0
USAF SAC	20,737.0
USAF SAC	20,740.0
USAF SAC	20,846.0
USAF SAC	20,890.0
USAF SAC	21,815.0
USAF SAC	23,337.0
USAF SAC	23,419.0
USAF SAC	27,870.0
USAF TAC	4,449.0
USAF VIP	6,812.0
USAF/USN Coord	18,990.0
USCG	2,350.0
USCG	4,376.0
USCG 7th Dist	2,691.0
USCG Air	5,320.0
USCG Air	8,984.0
USCG Air	11,201.0
USCG Air/Ground	2,261.0
USCG A/G	3,123.0
USCG A/G	5,696.0
USCG A/G	11,195.0
USCG A/G	15,081.0
USCG Comsta Key West	8,255.0
USCG Comsta N Orleans	8,760.0
USCG Cutters	3,387.0
USCG Cutters	6,266.0
USCG Cutters	6,714.0
USCG Cutters	7,439.0
USCG Group Moriches	2,694.0

USCG Helos	3,120.0
USCG Helos	5,692.0
USCG Helos	11,198.0
USCG Helos	15,084.0
USCG Internal	2,103.0
USCG Miami	10,588.0
USCG Miami COMSTA	6,518.0
USCG New Orleans	8,764.0
USCG Portsmouth wx	4,426.0
USCG Portsmouth wx	6,501.0
USCG Portsmouth wx	8,764.0
USCG Portsmouth wx	13,089.0
USCG Portsmouth wx	17,314.0
USCG WLC Rogers City MI	4,369.0
USCG WLC Rogers City MI	6,405.0
USCG w/ships, public	2,670.0
USMC Convoys	6,687.0
USN A/G	4,711.0
USN HICOM	11,205.0
USN HICOM East/North	6,720.0
USN HICOM LANT	11,255.0
USN HICOM LANT/CARIB	6,697.0
USN HICOM LANT/CARIB	23,287.0
USN HICOM WESTPAC	12,761.0
USN Ships	14,441.5
USN Ships	14,467.0
USN Ships	14,470.0
USN Ships	14,818.5
USN/NASA Air	8,981.0
Wellington NZ Radio	4,387.0
WW CEP	13,261.0
WW HON	3,013.0
WW HON	6,640.0
WW HON	11,342.0
WW HON	11,348.0
WW HON	13,348.0
WW HON	13,354.0
WW HON	17,925.0
WW HON	17,940.0
WW HON	21,964.0

WW HOU	6,637.0
WW HOU	10,075.0
WW HOU	13,330.0
WW HOU	17,940.0
WW HOU	21,964.0
WW NY	3,494.0
WW NY	6,640.0
WW NY	11,342.0
WW NY	13,330.0
WW NY	17,925.0
WW NY	21,964.0
WW San Juan	3,494.0
WW San Juan	6,640.0
WW San Juan	11,342.0
WW San Juan	13,330.0
WW San Juan	17,925.0
WW San Juan	21,964.0
WW SFO	3,013.0
WW SFO	6,640.0
WW SFO	11,348.0
WW SFO	13,348.0
WW SFO	17,925.0
WW SFO	21,964.0
WWV	2,500.0
WWV	5,000.0
WWV	10,000.0
WWV	15,000.0
WWV	20,000.0
WX Anchorage	2,980.0
WX Anchorage	5,519.0
WX Anchorage	8,903.0
WX Anchorage	13,344.0
WX Argentina	2,980.0
WX Argentina	4,668.0
WX Argentina	5,477.0
WX Argentina	8,938.0
WX Argentina	11,319.0
WX Auckland	13,282.0
WX Bangkok	3,432.0
WX Bangkok	6,676.0

WX Bangkok	11,387.0
WX Brazil	6,603.0
WX Brazil	10,057.0
WX Brazil	13,352.0
WX Brazzaville	3,495.0
WX Brazzaville	6,617.0
WX Brazzaville	10,073.0
WX Dakar	3,707.0
WX Dakar	7,500.0
WX Gander	3,485.0
WX Gander	6,604.0
WX Gander	10,051.0
WX Gander	13,270.0
WX Hong Kong	5,519.0
WX Hong Kong	8,903.0
WX Hong Kong	13,344.0
WX Honolulu	2,980.0
WX Honolulu	5,519.0
WX Honolulu	8,903.0
WX Honolulu	13,282.0
WX Honolulu	13,344.0
WX Khabarovsk Russia	13,267.0
WX NY	3,485.0
WX NY	6,604.0
WX NY	10,051.0
WX NY	13,270.0
WX Oakland	2,980.0
WX Oakland	5,519.0
WX Oakland	8,903.0
WX Oakland	13,344.0
WX RAF Volmet UK	4,722.0
WX RAF Volmet UK	11,200.0
WX Shannon	8,957.0
WX Shannon	13,264.0
WX Singapore	6,676.0
WX Singapore	11,387.0
WX Tokyo	2,980.0
WX Tokyo	5,519.0
WX Tokyo	8,903.0
WX Tokyo	13,344.0

W-CAR	3,455.0
W-CAR	5,520.0
ZZ	90,000.0
ZZ	90,000.0
ZZ	90,000.0

AVE MACROS for Lotus 1-2-3 R 2.3 and later

```
{windowsoff} {paneloff}  
/dsrq  
{GOTO}a15~  
/dsd.{R} {END} {D}~pa15~a~sb15~a~g  
/c{END} {D}~d15~  
{R}  
/c{END} {D}~c15~  
{R}  
/dsrd.{R} {END} {D}~p~a~sd15~a~g  
{HOME}  
/fs~r  
{windowson} {panelon}  
{beep}
```

```
{windowsoff} {paneloff}  
/dsrq{GOTO}c15~/dsd.{END} {D} {R}~p~a~  
s{R}~a~g/c{END} {D}~{L}~{R}/c{END} {D}~  
{L 3}~{L 3}/dsrd{END} {D} {HOME} {D 14}.  
{END} {D} {R}~p~a~s{R}~a~g{HOME}/fs~r  
{windowson} {panelon}  
{beep}
```