

# Glenn Hauser's World of Radio

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*presents...*

NETS TO YOU!  
September 1, 2004

compiled by [John Norfolk](#), non-amateur

## INTRODUCTION

NETS TO YOU! is a list of (mostly) English language U.S. and Canadian Amateur radio voice nets on frequencies below 30000 kHz. It first appeared in its original form in the early 1990s in the print publications REVIEW OF INTERNATIONAL BROADCASTING and DX LISTENING DIGEST, and during 1998-1999 in REVIEW OF INTERNATIONAL BROADCASTING ON LINE DATA, all edited and published by Glenn Hauser. It now appears as an exclusive public service on the WORLD OF RADIO web site, and cannot be reposted, reproduced, E-mailed, folded, spindled or mutilated without the consent of Glenn Hauser. If you see NETS TO YOU! on a web site other than GLENN HAUSER'S WORLD OF RADIO overflow web site, <http://www.w4uvh.net/nets2you.html> you are looking at an unauthorized bootleg copy. Accept no substitute! Only on the WORLD OF RADIO web sites will you find the latest edition of the authentic and official version of NETS TO YOU! The WORLD OF RADIO NETS TO YOU! has absolutely no connection to and should not be confused with the commercial web site ``Nets To You`` or the ARRL Santa Barbara Section net list ``Nets to you, fella!`` NETS TO YOU! is not archived, so previous versions are no longer available.

NETS TO YOU! does not claim to list every amateur radio voice net currently active, nor does it guarantee that all nets listed here will be active at the times and on the frequencies given. Uncertainties

about schedules from some sources (especially internet web pages and usenet postings, not to mention contradictory information, sometimes from the same source!), plus sudden and unpredictable changes, makes this impossible. However, the compiler does try to keep up with net changes.

Net lengths vary from only a few minutes to several hours for DX and maritime nets. Some nets are roll call only, while others take comments from check ins. Informal sessions may precede and/or follow some nets. On any given day, some nets may begin early if a preceding net on the same frequency closes early or does not meet, or if enough check ins show up early. Nets may not meet if propagation conditions are bad, if a net control operator is not available or if there are no check ins. Frequencies can vary widely depending on band conditions and frequency usage at the time. No net, group or person can claim priority of any amateur frequency. Nets on higher frequencies may be suspended or irregular during low sunspot periods. Some nets do not meet or use weekend schedules on holidays. Some nets are inactive during certain parts of the year, or during major contests. Nets on the 40 meter band (7 MHz) can suffer severe interference from broadcast stations, especially in the evenings, overnight, and early mornings, as 7100-7300 kHz is allocated to broadcast in areas outside of ITU Region 2 (the western hemisphere).

#### CHANGES MADE SINCE LAST EDITION (AUGUST 1, 2004)

ADDED: Arkansas Technical. UPDATED: Hams For Christ Fellowship; QCWA Chapters 10 and 28; St. Maximilian Kolbe (thanks to WA2MER for the update). Meanwhile, last month I mentioned that due to a computer crash I lost the credit to the person advising me of the true identity of the Menno Net; it is Bruce, N9YJJ.

#### AMATEUR RADIO NETS

All times and days are given strictly in Universal Time (UT, aka Universal Coordinated Time, Greenwich Mean Time, or Zulu Time). Between the last Sunday in October and the first Sunday in April (winter or standard time [ST]), refer to the time in the left column; between the first Sunday in April and the last Sunday in October (summer or daylight shifting time [DST]) refer to the time in the right column, even if your area does not observe DST. Nets that remain at the same UT time all year or shift other than one hour earlier during DST are listed twice in the respective columns. If you are not sure what the UT time and day is in your location, go to the National Weather Service`s

Radar FAQ page, <http://www.srh.noaa.gov/radar/radinfo/radinfo.html#utc> for a conversion chart, which shows UT\local time\day conversions for the mainland US\Canadian time zones as well as the Atlantic, Alaska, Hawaii and Guam time zones. PLEASE REMEMBER THAT, DURING OUR LOCAL EVENINGS IN NORTH AMERICA, IT IS ALREADY THE NEXT DAY BY UT. So, if a net at 0100 is given as being on Tuesday, it is Monday evening North American time (except in the west, where it is still late afternoon on Monday). Another UT\local time conversion chart is at <http://www.primetimeshortwave.com/timeconv.html>

With minor exceptions, nets will be on lower sideband on frequencies below 7300 kHz or upper sideband on frequencies above 14000 kHz. AM mode nets are noted either in the name or with [AM]. Alternate frequencies, if any, are followed by a small ``a.``

Coverage area: the primary coverage area of the net or its point of origin, unless it is indicated in the net`s name (that does not mean, however, that it cannot be heard outside of the specified area or confines check ins to that area). If no coverage area is mentioned, it is either unspecified or the net covers a large part or all of North America.

There are some voice nets in Canada and other parts of North America that operate on frequencies that are not allocated to voice in the United States, such as below 3750, 7150, 14150 and 21200. Do not expect to hear mainland US hams on their nets (hams in Alaska and Hawaii can use those some of those frequencies).

UT	Time	Freq.	NAME (Coverage area)	UT Days [Notes]
ST	DST	kHz	(Coverage area and notes are not found in all listings)	
0000	2300	1893	160 METERS (Eastern US, Eastern Canada)	Daily
0000	2300	1906	160 METER INFORMATION (Cambridge Ohio)	Tuesday ST; Monday DST [September-April only]
0000	2300	1965	CENTRAL VERMONT AMATEUR RADIO CLUB	Tuesday ST; Monday DST
0000	2300	3742	ONTARIO PHONE	Daily
0000	2300	3750	CLARA (Ontario)	Tuesday ST; Monday DST
0000	2300	3755	ONTARIO SWAP	Monday ST; Sunday DST
----	2300	3805	ADVENTIST AMATEUR RADIO ASSOCIATION (Caribbean)	Friday
0000	2300	3819	3819 GROUP (Texas and surrounding states)	Daily
0000	2300	3823	79 (Eastern US)	Tuesday-Saturday ST; Monday-Friday

DST

0000 2300 3850 SAINT MAXIMILIAN KOLBE (Pennsylvania) Monday ST, Sunday DST [Celebrates the life and times of Saint Maximilian Kolbe, SP3RN, who is believed to be the only canonized Saint-Ham in the Catholic Church. Kolbe voluntarily gave his life for another man at Aushwitz Concentration Camp]

0000 2300 3860 MINNESOTA ARES Monday ST; Sunday DST

0000 2300 3860 SOUTH DAKOTA NEO EVENING Daily

0000 2300 3862 MISSISSIPPI PHONE Daily

0000 2300 3872 YANKEE CHAVERIM (Northeast US) Tuesday ST; Monday DST

---- 2300 3855 ARIZONA AM Sunday

0000 2300 3898 TRADERS (Eastern US) Tuesday ST; Monday DST

0000 2300 3900 QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 130 (California) Saturday ST; Friday DST [Inland Empire Chapter]

0000 2300 3905 ILLINOIS SINGLE SIDEBAND Daily

0000 2300 3907 COASTAL CAROLINA EMERGENCY (Middle Eastern seaboard) Daily

---- 2300 3910 INDIANA TRAFFIC Daily

0000 2300 3915 SOUTH CAROLINA SINGLE SIDEBAND Daily

0000 2300 3920 KANSAS WEATHER Daily

0000 2300 3921 CRACKER (Northeast US) Daily

0000 2300 3930 B&O RAILROAD AMATEUR RADIO CLUB (Eastern US) Saturday ST; Friday DST

0000 ---- 3933 TEXAS PANHANDLE TRAFFIC AND EMERGENCY Daily

0000 2300 3935 WOLVERINE SINGLE SIDEBAND (Michigan) Daily

0000 2300 3940 MAINE EMERGENCY COMMUNICATIONS Monday ST; Sunday DST

0000 2300 3940 MID STATES WEATHER (Midwest US) Daily

0000 2300 3952 MICHIGAN TRAFFIC Daily

---- 2300 3960 KENTUCKY TRAFFIC Daily

0000 2300 3968 CHESAPEAKE BAY NAUTICAL (Eastern US) Daily

0000 ---- 3969 HAPPY HOUR MARITIME (Western US, Canada) Daily

0000 2300 3985 MARTIN COUNTY RAGCHEW (Florida) Daily

0000 2300 3987 ELECTROMAGNETIC FIELD (Eastern US) Monday ST; Sunday DST

---- 2300 7063.5 SANDBOX (Canada) Daily

0000 2300 7160 WEST COAST AM Monday ST; Sunday DST

0000 2300 7230 SNOWBIRD (Florida) Daily

0000 2300 7238 ROTTEN APPLES GROUP (Eastern, Central US) Daily

0000 2300 7255 NIGHTHAWKS (Eastern US) Daily [Swap `n` Swap session Thursday ST, Wednesday DST]

0000 ---- 14205 BROADCAST ENGINEERS CHAPTER 73 Monday after 2nd  
 Sunday  
 0000 2300 14208 VOX ON, PROCESSOR OFF Daily  
 0000 ---- 14265 INTERNATIONAL NUDE Friday [Naturist Amateur Radio  
 Club] [NU5DE]  
 ---- 2300 14285 CALIFORNIA TO CARIBBEAN Monday [Maritime]  
 0000 2300 14286 K6HQI MEMORIAL (Western US) Daily [AM]  
 0000 2300 14307 JW GROUP Monday ST, Sunday DST [Jehovah`s Witnesses]  
 0000 2300 14325 GROGGNÄTET ``COCKTAIL`` Daily [Swedish language]  
 [Informal]  
 0000 2300 14328 SHRINE HOSPITAL Friday ST; Thursday DST [Talk to kids  
 in the Shrine Hospitals and Shriners from the  
 Philadelphia, Chicago, Salt Lake City and Los  
 Angeles Shrine Hospitals]  
 ---- 2300 14329 NORTH AMERICAN YOUTH Friday  
 ---- 2300 14342.5 HFPAK Saturday-Sunday  
 ---- 2300 18155 AMSAT INTERNATIONAL Sunday [Currently inactive]  
 ---- 2300 21410 CHINA DX Saturday [If not at 1300]  
 0000 2300 28310 WEBSTER WIRELESS ROUNDTABLE (Massachusetts) Monday  
 ST; Sunday DST  
 0000 2300 28333 ORLANDO MOSQUITO (Florida) Wednesday ST; Tuesday DST  
 0000 2300 28343 GENERAL MOTORS FIREBIRD AMATEUR RADIO CLUB Tuesday  
 ST; Monday DST  
 0000 2300 28377 GENERAL MOTORS FIREBIRD AMATEUR RADIO CLUB Saturday  
 ST; Friday DST  
 0000 2300 28333 TITUSVILLE MOSQUITO (Florida) Thursday ST; Wednesday  
 DST  
 0000 2300 28355 NORTH BREVARD AMATEUR RADIO CLUB (Florida) Tuesday  
 ST; Monday DST  
 0000 2300 28385 LINCOLN COUNTY INFORMATION AND EMERGENCY (Maine)  
 Monday ST; Sunday DST  
 0000 2300 28425 SAILFISH (West Palm Beach Florida) Monday ST; Sunday  
 DST  
 0000 2300 28450 MANATEE COUNTY ARES (Florida) Tuesday ST; Monday ST  
 0000 2300 28450 PINELLAS COUNTY ARES (Florida) Wednesday ST; Tuesday  
 DST  
 0000 2300 28450 SUNDAY EVENING (Wyoming) Monday ST; Sunday DST  
 0000 2300 28456 YONKERS AMATEUR RADIO CLUB INFORMATION (New York)  
 Monday ST; Sunday DST  
 0000 2300 28730 SCARBOROUGH AMATEUR RADIO CLUB (Toronto)  
 Friday ST; Thursday DST  
 0000 2300 29000 BUFFALO (New York) Daily [AM]  
 0001 ---- 7233.5 3905 CENTURY CLUB INC. 40 METER EARLY Daily

---- 2310 14285 CALIFORNIA TO SOUTH PACIFIC Monday [Maritime]  
 0015 2315 3750 NORTHWEST ONTARIO Daily  
 0015 2315 3963 CENTRAL STATES SHRINE ASSOCIATION Wednesday, Friday  
 ST; Tuesday, Thursday DST  
 0015 2315 3963 MISSOURI EMERGENCY SERVICES Monday ST; Sunday DST  
 [7263a]  
 0015 2315 3983 GEORGIA TRAFFIC AND EMERGENCY Daily  
 0030 2330 3740 ANYTHING BUT THE WEATHER (Eastern Canada) Friday ST;  
 Thursday DST  
 0030 2330 3775 QUEBEC RADIO Daily  
 0030 2330 2857 VERMONT (Northeast US) Daily  
 0030 2330 3860 OKLAHOMA DX ASSOCIATION Tuesday ST; Monday DST  
 0030 2330 3870 VERMONT TRAFFIC Daily  
 0030 2330 3873 TEXAS TRAFFIC Daily  
 0030 ---- 3880 MONTANA TRAFFIC Daily  
 0030 2330 3885 AM SWAP (Eastern US) Friday ST; Thursday DST  
 0030 2330 3885 AM SWAP (Southeast US) Wednesday ST; Tuesday DST  
 0030 2330 3893 SWAP (Florida) Tuesday, Saturday ST; Monday, Friday  
 DST  
 0030 2330 3910 LOUISIANA TRAFFIC Daily  
 0030 2330 3911 WEST CENTRAL FLORIDA SECTION Monday ST; Sunday DST  
 0030 2330 3917 OLD OLD TIMERS CLUB CHAPTER 2 (Long Beach California)  
 Wednesday ST; Tuesday DST [Ralph Cabanillas Memorial  
 Chapter]  
 0030 2330 3920 KANSAS SINGLE SIDEBAND Daily  
 0030 2330 3923 TAR HEEL EMERGENCY (North Carolina) Daily  
 0030 2330 3925 GULF COAST SINGLE SIDEBAND Daily  
 0030 2330 3932 MICHIGAN DISTRICT 8 RACES Saturday ST; Friday DST  
 0030 2330 3937 NORTH DAKOTA DATA Daily  
 0030 2330 3938 NORTH CAROLINA SINGLE SIDEBAND Daily  
 0030 ---- 3945 CANDY`S SWAP (Florida) Thursday  
 0030 2330 3947 VIRGINIA PHONE Daily  
 0030 2330 3965 ALABAMA TRAFFIC MIKE Daily  
 0030 2330 3967 FLEET RADIO UNIT PACIFIC (Eastern US) Tuesday,  
 Thursday, Saturday ST; Monday, Wednesday, Friday  
 DST  
 0030 2330 3970 YOUTH (Eastern US) Tuesday ST; Monday DST  
 0030 2330 3972 AIR FORCE FLYERS 402nd (Pittsburgh) Saturday ST;  
 Friday DST  
 ---- 2330 3975 GEORGIA SINGLE SIDEBAND ASSOCIATION Daily  
 ---- 2330 3978 TEXAS T.O.N. Monday-Saturday

0030 2330 3980 TENNESSEE EVENING Tuesday-Sunday ST; Monday-Saturday DST  
 0030 ---- 3982 NEBRASKA STORM Daily  
 0030 2330 3987.5 ARKANSAS RAZORBACK Daily  
 0030 2330 7216 EVENING CHAVERIM Wednesday-Friday ST; Tuesday-Thursday DST  
 0030 2330 7230 CONNECTICUT CONNECTION (Eastern US) Daily  
 0030 2330 7240 RADIOS THAT GLOW IN THE DARK (Western US) Sunday-Monday ST; Saturday-Sunday DST [Traders, swap]  
 ---- 2330 7243 OLD DOMINION EMERGENCY (Virginia) 2nd Wednesday [April-September]  
 0030 2330 7251 JUNQUE CARS TRADERS (Southeast US) Friday ST; Thursday DST [South Coast Amateur Radio Service]  
 0030 2330 7283 GALVESTON NTS-ARES (Texas) Tuesday ST, Monday DST  
 0030 2330 7288 PANHELLENIC AMATEUR RADIO FEDERATION Daily  
 0030 2330 7297 MOONLIGHTERS (Eastern, Central US) Daily  
 ---- 2330 14236 INTERNATIONAL DX ASSOCIATION ``INDEXA`` Daily [QSL info]  
 0030 2330 14250 MERCURY AMATEUR RADIO ASSOCIATION (Eastern, Central US) Wednesday ST; Tuesday DST [Tri-Area]  
 0030 2330 28340 BREVARD LAID BACK (Florida) Wednesday ST; Tuesday DST  
 0030 2330 28360 CERTS (Collingwood Ontario) Thursday ST; Wednesday DST [Collingwood Elective Radio and Teaching Society]  
 0030 2330 28375 PORTAGE COUNTY PARC (Ohio) Thursday ST, Wednesday DST  
 0030 2330 28480 TRIPLE STATES AMATEUR RADIO CLUB (West Virginia) Thursday ST; Wednesday DST  
  
 ---- 2340 7242.5 HFPAK (Western US) Saturday  
  
 0045 2345 3923 WYOMING COWBOY Tuesday-Saturday ST; Monday-Friday DST  
 0045 2345 3962 MAINE POTATO Tuesday-Sunday ST; Monday-Saturday DST  
 0045 ---- 3970 EYE BANK (Eastern, Central US) [ARRL registrations has two nets, at 0045 and 0145, but I only hear the 0045, which is at the same UT time all year]  
  
 0100 ---- 1945 GRAY HAIR (New England) Wednesday [AM]  
 0100 0000 3735 TRURO AMATEUR RADIO CLUB (Atlantic Region Canada) Monday  
 0100 0000 3744 SASKATCHEWAN EVENING Daily  
 0100 0000 3760 MANITOBA EVENING Daily  
 0100 ---- 3768 GERATOL Daily  
 0100 0000 3815 ARKANSAS DX ASSOCIATION Sunday  
 0100 0000 3837 ANTIQUE WIRELESS ASSOCIATION (Eastern US) Wednesday

0100 0000 3865 DRAKE USERS (Eastern US) Wednesday  
 0100 0000 3880 FLORIDA AM Monday, Friday  
 0100 0000 3880 COLLINS COLLECTORS ASSOCIATION AM (Eastern time zone)  
 Thursday after 1st Wednesday  
 0100 0000 3880 MULTI-ELMAC (Midwest US) Wednesday [AM]  
 0100 0000 3888 KENTUCKY EMERGENCY Tuesday  
 0100 0000 3905 DELTA SINGLE SIDEBAND TRAFFIC (Gulf Coast) Tuesday-  
 Sunday  
 0100 0000 3910 BRAVOS VALLEY AMATEUR RADIO CLUB (Houston) Thursday  
 0100 0000 3915 K1ARC AMERICAN RED CROSS HF EMERGENCY TRAINING  
 (Connecticut) Thursday after 1st Wednesday  
 0100 0000 3918 SAN JOAQUIN (Western US) Tuesday-Saturday  
 0100 0000 3924 BEARFOOT (Northeast US) Daily  
 0100 0000 3927 GREAT LAKES EVENING Daily  
 ---- 0000 3933 TEXAS PANHANDLE TRAFFIC AND EMERGENCY Daily  
 0100 ---- 3935 CENTRAL GULF COAST HURRICANE Daily  
 0100 ---- 3939 NEW MEXICO ROAD RUNNER Daily  
 0100 0000 3940 KANSAS RACES Thursday after 1st Wednesday  
 0100 0000 3945 WEDNESDAY EVENING SWAP (Southeast US) Thursday  
 0100 0000 3957 CHICAGO MASONIC Thursday  
 ---- 0000 3969 HAPPY HOUR MARITIME (Western US, Canada) Daily  
 0100 ---- 3970 ROCHESTER GROUP (Eastern, Central US) Wednesday,  
 Friday  
 0100 0000 3972 BUCKEYE BELLES (Ohio) Wednesday [Ohio Ladies Amateur  
 Radio Club]  
 0100 0000 3977.7 AMATEUR RADIO UFO (Southeast US) Sunday, Wednesday  
 [7237a 7288a]  
 0100 ---- 3985 INTERSTATE (Eastern, Central US) Daily  
 0100 0000 3987 QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 33  
 (Pennsylvania, New Jersey) Daily [Gunderson Penn-  
 Jersey Chapter]  
 0100 0000 3987.5 ARKANSAS ARES-RACES Tuesday  
 0100 0000 3987.5 ARKANSAS SECTION Monthly around the 1st of the month  
 but not locked in to a specific date [time  
 approximate; follows Arkansas Razorback Net]  
 0100 0000 3987.5 ARKANSAS TECHNICAL Friday [time approximate; follows  
 Arkansas Razorback Net]  
 0100 0000 3987.5 WORKED ALL ARKANSAS Sunday [time approximate;  
 follows Arkansas Razorback Net]  
 0100 0000 3990 SUNBELT SERVICE (Southeast US) Tuesday-Saturday  
 0100 ---- 3990.5 COLORADO RACES Monday, Wednesday  
 0100 0000 3990.5 NEW JERSEY RACES Tuesday after 4th Monday  
 0100 0000 3995 KENTUCKY EMERGENCY Tuesday



0100 0000 7070 RADIO WEATHER (Eastern Canada) Thursday [7080a  
 7155a] [VE3TVG, Rod Hembree, who produces several  
 radio programs, including ``Radio Weather`` heard  
 on WWCN, etc] [Hembree plans to launch a ``Good  
 Friends Radio Club`` in September]

0100 ---- 7088 QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 194  
 (Hawaii) 1st Saturday [Hawaii Chapter]

0100 0000 7203 ELGIN AMATEUR RADIO SOCIETY (Illinois) Thursday

0100 0000 7250 GRIT (North Carolina) Wednesday

0100 0000 7260 TRIPLE STATES AMATEUR RADIO CLUB (West Virginia)  
 Thursday

0100 ---- 7263.5 OMISS 40 METER EARLY Daily

---- 0000 14205 BROADCAST ENGINEERS CHAPTER 73 Monday after 2nd  
 Sunday

---- 0000 14265 INTERNATIONAL NUDE Friday [Naturist Amateur Radio  
 Club] [NU5DE]

0100 0000 14315 HALLICRAFTERS GLOBAL GLOW Thursday [May QSY to  
 14322 or 14328]

0100 ---- 14305 HAWAIIAN COCKTAIL Daily

0100 0000 14308 MEDICAL AMATEUR RADIO COUNCIL Tuesday [Medishare]

0100 ---- 14319 BLESSINGS FOR OBEDIENCE MISSIONARY Tuesday,  
 Thursday

0100 ---- 14327 HAMS FOR CHRISTIAN MISSIONARIES Monday, Wednesday,  
 Friday

0100 0000 14329 VIRGINIA YOUNG RADIO AMATEURS ASSOCIATION Saturday

0100 0000 21310 PACIFIC-ALASKA-TAIWAN Monday

0100 0000 28326 NORTH JERSEY CHAVERIM Tuesday

0100 0000 28333 SOUTHERN VERMONT AMATEUR RADIO CLUB Monday

0100 0000 28377 GRIT (North Carolina) Tuesday

0100 0000 28400 SOUTH JERSEY RADIO ASSOCIATION (New Jersey)  
 Wednesday

0100 ---- 28430 GRANT COUNTY AMATEUR RADIO CLUB (Indiana) Tuesday

0100 0000 28435 WOODCHUCK AMATEUR RADIO CLUB (Ohio) Saturday

0100 0000 28440 AERO AMATEUR RADIO CLUB (Maryland) Thursday after 2nd  
 Wednesday

0100 0000 28440 BLAIR ARES (Pennsylvania) Tuesday

0100 0000 28440 BUBBA (Atlanta Georgia) Daily

0100 0000 28447 SOUTHERN MARYLAND AMATEUR RADIO CLUB Friday

0100 0000 28460 DAYTON 10 METER (Ohio) Tuesday

0100 0000 28480 MARSHALL COUNTY ARES-RACES (West Virginia) Tuesday

0100 0000 28485 GUERNSEY COUNTY RAG CHEW (Cambridge Ohio) Monday

0100 0000 28490 CHARLOTTE COUNTY (Florida) Friday

0100 0000 29000 LAKE ERIE EMERGENCY Monday

---- 0001 7233.5 3905 CENTURY CLUB INC. 40 METER EARLY Daily  
 0115 ---- 3990.5 EL PASO COUNTY RACES (Colorado Springs) Monday  
 [Time approximate after Colorado RACES]  
 ---- 0030 1945 GRAY HAIR (New England) Wednesday [AM]  
 0130 0030 1945 TOP BAND (New England) Thursday  
 0130 ---- 3729 BRITISH COLUMBIA PUBLIC SERVICE Daily  
 0130 0030 3740 ALBERTA PUBLIC SERVICE Daily  
 0130 0030 3870 3870 TRADERS (Texas) Saturday  
 0130 0030 3873 LOUISIANA ARES Monday  
 0130 0030 3873 NORTH TEXAS ARES Tuesday  
 ---- 0030 3880 MONTANA TRAFFIC Daily  
 0130 0030 3888 KENTUCKY GOOD WILL AND INFORMATION Tuesday-Saturday  
 0130 0030 3893 VINTAGE SINGLE SIDEBAND Thursday  
 0130-0030 3922 CONTINENTAL TRADERS (Texas) Monday  
 0130 0030 3925 LOUISIANA ALLIGATOR Saturday [Ozone Amateur Radio  
 Club New Orleans]  
 0130 0030 3939 NEW MEXICO ARES-RACES Monday after 1st, 3rd Sunday  
 ---- 0030 3945 CANDY`S SWAP (Florida) Thursday  
 0130 0030 3947.5 QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 169  
 (California) Tuesday, Friday [Sacramento Valley  
 Chapter]  
 0130 0030 3965 ALABAMA EMERGENCY Wednesday  
 0130 0030 3973.5 ADVENTIST AMATEUR RADIO ASSOCIATION (Eastern US)  
 0130 0030 3993.5 OREGON ARES TRAFFIC Daily  
 0130 0030 7236 BUCKEYE BELLES (Ohio) Wednesday [Ohio Ladies Amateur  
 Radio Club]  
 0130 0030 7281.5 RV RADIO NETWORK Tuesday-Saturday [Informal Sunday-  
 Monday]  
 0130 0030 7284 GOOD SAM RV (Eastern, Central US) Tuesday-Saturday  
 [7238a]  
 0130 0030 7293 MERCURY AMATEUR RADIO ASSOCIATION (Eastern, Central  
 US) Wednesday [Tri-Area]  
 0130 0030 14272.5 AYN RAND ADMIRERS Tuesday after 2nd Monday,  
 Thursday after last Wednesday  
 0130 0030 28320 MINNETONKA AMATEUR RADIO CLUB (Minnesota) Wednesday  
 0130 0030 28350 NORTH CAROLINA ALLIGATOR Tuesday  
 0130 0030 28350 TEN METER FUN (Wisconsin) Tuesday  
 0130 0030 28364 RALEIGH AMATEUR RADIO SOCIETY (North Carolina)  
 Thursday  
 0130 0030 28390 WACKY WINGDINGER (Florida) Tuesday  
 0130 0030 28400 TAYLOR COUNTY ARES (West Virginia) Tuesday

0130 0030 28415 MT. VERNON AMATEUR RADIO CLUB ARES (Virginia)  
 Wednesday  
 0130 0030 28430 SMITH CHART AMATEUR RADIO SOCIETY (North Carolina)  
 Thursday  
 0130 0030 28440 BATON ROUGE AMATEUR RADIO CLUB (Louisiana) Tuesday  
 0130 0030 28480 TRIPLE STATES AMATEUR RADIO CLUB (Pittsburgh)  
 Thursday  
 0130 0030 28495 TRESTLEBOARD MASONIC (Cleveland) Monday [Hirams Hams  
 Amateur Radio Society]  
  
 0145 0045 1900 OLD DOMINION EMERGENCY (Virginia) Thursday after 2nd  
 Wednesday [October-March]  
 0145 0045 3920 BEAVER STATE (Oregon) Daily  
 0145 0045 3947 OLD DOMINION EMERGENCY (Virginia) Thursday after last  
 Wednesday  
 ---- 0045 3970 EYE BANK (Eastern, Central US) Daily [ARRL  
 registrations has two nets, at 0045 and 0145, but I  
 only hear the 0045, which is at the same UT time all  
 year]  
  
 0145 0045 3980 TENNESSEE ARES Tuesday  
 0145 0045 3980 TENNESSEE TRADERS Monday  
 0145 0045 5371.5 HF PACK (Western US) Daily  
 0145 0045 28368 AMATEUR RADIO OF AUGUSTA (Georgia) Monday  
  
 0200 0100 1895 GENTLEMEN`S CLUB (Chicago) Daily  
 0200 0100 3747 QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 151  
 (Alberta) Monday [Wild Rose Chapter]  
 0200 0100 1900 SARA-COURAGE HANDI-HAMS (St. Croix Minnesota) Daily  
 except Wednesday and Friday [Stillwater Amateur Radio  
 Association]  
 0200 0100 1912 ROCK RIVER RAG CHEW (Wisconsin) Wednesday  
 0200 0100 1936 GREATER CINCINNATI AMATEUR RADIO ASSOCIATION Friday  
 0200 0100 3740 SATERN (Canada) Tuesday  
 0200 0100 3743 ONTARIO ARES Monday  
 0200 ---- 3753 2-80 Friday-Saturday  
 0200 0100 3762.5 SANDERSON HOUR (Canada) Daily  
 ---- 0100 3768 GERATOL Daily [Inactive May-September]  
 0200 0100 3805 COLLINS COLLECTORS ASSOCIATION (Eastern, Central US)  
 Wednesday  
 0200 0100 3840 NORTH AMERICAN AMSAT (East Coast) Wednesday  
 0200 0100 3855 AWFUL AWFUL UGLY (Tennessee) Daily  
 ---- 0100 3855 BRITISH COLUMBIA BOATERS Daily [June-September only]  
 0200 0100 3872 EAST COAST CHAVERIM (Eastern US) Tuesday, Thursday  
 0200 0100 3872 MARCONI (Eastern US) Daily

0200 0100 3872.5 MERCURY AMATEUR RADIO ASSOCIATION HURRICANE REPORTS  
 Daily during hurricane season when needed  
 0200 0100 3875 COLLINS COLLECTORS ASSOCIATION (Eastern, Central US)  
 Friday  
 0200 0100 3880 COLLINS COLLECTORS ASSOCIATION AM (Central time zone)  
 Thursday after 1st Wednesday  
 0200 ---- 3903 3905 CENTURY CLUB INC. 75 METER EARLY Daily  
 0200 0100 3906 NARC (Northeast US, eastern Canada) Monday-Saturday  
 [North American Rag Chewers]  
 0200-0100 3906 NARC SWAP (Northeast US, Eastern Canada) Sunday  
 [North American Rag Chewers]  
 0200 0100 3908 HI-FIVER (Central US) Monday, Wednesday, Friday  
 [Amateur Radio Friendship Association] [Affiliated  
 with OMIK]  
 0200 0100 3923 CSXT RAILROAD AMATEUR RADIO CLUB Tuesday  
 0200 0100 3930 SAN FRANCISCO SHRINE (California) Tuesday  
 0200 0100 3932 GREAT LAKES EMERGENCY AND TRAFFIC PRE-NET Daily  
 ---- 0100 3935 CENTRAL GULF COAST HURRICANE Daily  
 0200 0100 3937 FRIENDLY AMATEUR RADIO MISSIONS (Western US) Daily  
 ---- 0100 3939 NEW MEXICO ROAD RUNNER Daily  
 0200 ---- 3940.5 OMISS 75 METER Daily  
 0200 0100 3945 NEVADA WEAK SIGNAL SOCIETY Monday  
 0200 0100 3952 WESTERN PUBLIC SERVICE (Western US) Daily  
 0200 0100 3970 WASHINGTON AMATEUR RADIO TRAFFIC Daily  
 ---- 0100 3970 ROCHESTER GROUP (Eastern, Central US) Wednesday,  
 Friday  
 0200 0100 3980 OREGON EMERGENCY Daily  
 ---- 0100 3985 INTERSTATE (Eastern, Central US) Daily  
 0200 ---- 3989 COLORADO COLUMBINE (Central, Western US) Daily  
 ---- 0100 3990.5 COLORADO RACES Monday, Wednesday  
 0200 ---- 3992 ARIZONA TRAFFIC Daily  
 0200 0100 3994 COMMUNICATION TECHNOLOGY (Wisconsin) Tuesday  
 ---- 0100 7088 QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 194  
 (Hawaii) 1st Saturday [Hawaii Chapter]  
 0200 ---- 7088 HAWAII FRIENDLY Daily  
 0200 0100 7216 CANADIAN CHAVERIM Friday  
 0200 0100 7240 MEDICAL AMATEUR RADIO COUNCIL Monday, Wednesday,  
 Friday  
 0200 0100 7245 COURAGE HANDI-HAMS INFORMAL WIDE AREA GET-TOGETHER  
 Saturday  
 ---- 0100 7263.5 OMISS 40 METER EARLY Daily  
 0200 ---- 7279 SUBMARINE VETERANS AMATEUR RADIO ASSOCIATION Sunday  
 [Frequency is as given on the group`s Yahoogroups

site but ARRL registrations has it on 7243]  
 0200 ---- 14222 HI-DX Daily [NI5I]  
 ---- 0100 14305 HAWAIIAN COCKTAIL Daily  
 0200 ---- 14305 ADVENTIST AMATEUR RADIO ASSOCIATION (South Pacific,  
 Western North America) Sunday  
 ---- 0100 14319 BLESSINGS FOR OBEDIENCE MISSIONARY Tuesday, Thursday  
 ---- 0100 14327 HAMS FOR CHRISTIAN MISSIONARIES Monday, Wednesday,  
 Friday  
 0200 0100 21350 MIDWEST 15 METER Friday  
 0200 ---- 21402 JERRY`S HAPPY HOUR MARITIME (California, Pacific)  
 Daily  
 0200 0100 28310 ST. PAUL AMATEUR RADIO CLUB FRIENDLY (Minnesota)  
 Thursday  
 0200 0100 28310 SARA AMATEUR RADIO CLUB (St. Croix Minnesota) Friday  
 [Stillwater Amateur Radio Association]  
 0200 0100 28313 EASTERN IOWA, WESTERN ILLINOIS Thursday  
 0200 0100 28337 EASTERN OHIO TRADERS Tuesday  
 0200 0100 28340 WACOM (Pittsburgh) Wednesday  
 0200 0100 28342 OCCASIONAL (New Mexico) Wednesday  
 0200 0100 28350 CRADLE OF THE CONFEDERACY (Alabama) Tuesday  
 0200 0100 28360 BOEING AMATEUR RADIO SOCIETY (St. Louis) Friday  
 0200 0100 28395 SPRINGFIELD 10 METER (Missouri) Wednesday  
 0200 0100 28405 WITHLACOOCHEE RAGCHEWERS (Florida) Sunday  
 0200 0100 28410 HAMFESTERS RADIO CLUB (Chicago) Monday  
 0200 0100 28420 OZONE AMATEUR RADIO CLUB (New Orleans) Saturday  
 0200 0100 28425 VERTICAL NUT CLUB (Tennessee) Wednesday  
 ---- 0100 28430 GRANT COUNTY AMATEUR RADIO CLUB (Indiana) Tuesday  
 0200 0100 28440 ONSLOW AMATEUR RADIO CLUB (North Carolina) Friday  
 0200 0100 28450 CENTRAL KANSAS 10 METER Tuesday  
 0200 0100 28450 JOHNNY APPLESEED RAG CHEW (Ohio) Saturday  
 0200 0100 28450 LAKE COUNTY 10 METER (Ohio) Thursday  
 0200 0100 28450 NEW YORK AND LONG ISLAND 10 METER TRAFFIC Tuesday,  
 Thursday, Saturday  
 0200 0100 28460 EL JEBEL RADOPS MASONIC (Denver) Wednesday  
 0200 0100 28464 SKYVIEW AMATEUR RADIO SOCIETY (Pittsburgh)  
 Saturday  
 0200 0100 28475 FRIENDS IN AMATEUR RADIO (New York, New Jersey)  
 Friday  
 0200 0100 28475 WHEATSHOCKER (Kansas) Friday  
 0200 0100 28495 BREEZESHOOTERS (Pittsburgh) Sunday  
 0200 0100 28625 FLYING SAUCER (Connecticut) Friday [Eastern  
 Connecticut Amateur Radio Association]  
 ---- 0115 3990.5 EL PASO COUNTY RACES (Colorado Springs) Monday

[Time approximate after Colorado RACES]

0215 0115 29000 IQ10 YDP (Pittsburgh) Tuesday, Friday, Saturday

---- 0130 3729 BRITISH COLUMBIA PUBLIC SERVICE Daily

0230 0130 3818 CENTRAL STATES VHF SOCIETY Monday

0230 0130 3865 OHIO MASONIC Monday [Hiram's Hams Amateur Radio Society]

0230 0130 3872.5 MERCURY AMATEUR RADIO ASSOCIATION (Eastern, Central US) Wednesday [Tri-Area]

0230 0130 3890 CENTRAL REGION ARES (Illinois) Thursday

0230 0130 3916 LIVE STEAM ROUND TABLE Thursday

0230 0130 3920 KANSAS, WESTERN MISSOURI SATERN Wednesday

0230 0130 3932 GREAT LAKES EMERGENCY AND TRAFFIC Daily

0230 0130 3940 SOUTH FLORIDA TRAFFIC Daily

0230 0130 3945 NORTHWEST SINGLE SIDEBAND (Northwest US) Daily

0230 0130 3957 EXPERIMENTAL AIRCRAFT ASSOCIATION (Upper Midwest) Thursday

0230 0130 3970 SOUTHERN COUNTRY COUSINS (Southeast US) Daily

0230 0130 3985 WASHINGTON STATE EMERGENCY Tuesday [7245a]

0230 0130 3987 LASSEN AMATEUR RADIO CLUB (California) Friday

0230 0130 3988 PANHELLENIC AMATEUR RADIO FEDERATION Daily

0230 0130 3993 WASHINGTON STATE RED CROSS Thursday

0230 0130 7055 AURORA (Manitoba) Daily

0230 0130 7281.5 1721 ROUND TABLE GROUP (Ohio) Daily

0230 ---- 14313 PACIFIC SEAFARER`S Daily [Roll call at 0325] [14300a]  
[There is a web site for a SEAFARERS net which supposedly begins at 0200 on 14313, but the copyright date is old (1997) so I assume that net has been replaced with this one]

0230 0130 28310 NORTH COLUMBIANA COUNTY EMERGENCY (Ohio) Wednesday

0230 0130 28325 TRI-STATE COASTAL AMATEUR (Alabama) Tuesday

0230 0130 28350 MASON COUNTY ARES-RACES (Washington) Monday

0230 0130 28390 EDMOND AMATEUR RADIO SOCIETY (Oklahoma) Tuesday  
[Time approximate after VHF net]

0230 0130 28400 BOYLE COUNTY RAG CHEW (Kentucky) Saturday

0230 0130 28400 GREEN BAY (Wisconsin) Sunday

0230 0130 28650 QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 38 (Texas) Monday [San Antonio Chapter]

0245 0145 5371.5 HF PACK (Texas) Saturday-Monday

0245 0145 28400 MILWAUKEE RAC (Wisconsin) Saturday

0300 0200 1877 GENERAL MOTORS FIREBIRD AMATEUR RADIO CLUB Wednesday

0300 ---- 1892 3905 CENTURY CLUB INC. 160 METER EARLY Daily

0300 0200 3735 BRITISH COLUMBIA PROVINCIAL EMERGENCY PROGRAM  
 Thursday  
 0300 ---- 3740 WILDROSE YL (Alberta) Monday  
 ---- 0200 3753 20-8 Friday-Saturday  
 0300 0200 3782 OVER THE HILL Daily  
 0300 0200 3819 3819 GROUP (Texas and surrounding states) Daily  
 0300 0200 3840 NORTH AMERICAN AMSAT (Mid America) Wednesday  
 0300 ---- 3850 INTERNATIONAL POLICE ASSOCIATION RADIO CLUB (Eastern,  
 Central US) Sunday, Tuesday  
 0300 0200 3856 MISSION TRAILS (Western US) Daily  
 0300 0200 3880 COLLINS COLLECTORS ASSOCIATION AM (Mountain time  
 zone) Thursday after 1st Wednesday  
 0300 0200 3883 MERCURY AMATEUR RADIO ASSOCIATION (Georgia, Alabama)  
 Saturday  
 ---- 0200 3903 3905 CENTURY CLUB INC. 75 METER EARLY Daily  
 0300 0200 3920 ALASKA SNIPERS Daily  
 ---- 0200 3940.5 OMISS 75 METER Daily  
 0300 0200 3948 WESTERN STATES WEAK SIGNAL SOCIETY (Western US)  
 Monday  
 0300 0200 3950 LIBERTY Sunday [Frequency varies due to ham jamming]  
 0300 0200 3960 COLUMBIA BASIN (Northwest US) Daily  
 0300 0200 3962 POSSUM TRAPPERS (Texas) Daily  
 0300 0200 3970 NORTHWEST COUNTRY COUSINS (Northwest US) Daily  
 0300 0200 3975 GOLDEN BEAR (Western US) Daily  
 0300 0200 3980 OREGON EMERGENCY Daily  
 0300 0200 3987 SOUTHERN OREGON, NORTHERN CALIFORNIA AND NEVADA  
 REGIONAL ARES Thursday [1982a]  
 ---- 0200 3989 COLORADO COLUMBINE (Central, Western US) Daily  
 ---- 0200 3992 ARIZONA TRAFFIC Daily  
 0300 0200 3996.5 NEVADA RACES-INTERMOUNTAIN EMERGENCY Thursday  
 0300 0200 5330.5 MID-ATLANTIC EMERGENCY Thursday  
 ---- 0200 7088 HAWAII FRIENDLY Daily  
 0300 0200 7238 FLEET RADIO UNIT PACIFIC (Western US) Daily  
 0300 ---- 7263.5 OMISS 40 METER LATE Friday, Saturday  
 0300 0200 7272 INTERNATIONAL SHRINE Daily  
 ---- 0200 7279 SUBMARINE VETERANS AMATEUR RADIO ASSOCIATION Sunday  
 [Frequency is as given on the group`s Yahoogroups  
 site but ARRL registrations has it on 7243]  
 0300 ---- 7294 SANDIA (Western US) Daily [3930a]  
 ---- 0200 14222 HI-DX Daily [NI5I]  
 0300 0200 14300 NORTHWEST SHRINE Daily  
 ---- 0200 14305 ADVENTIST AMATEUR RADIO ASSOCIATION (South Pacific,  
 Western North America) Sunday

---- 0200 21402 JERRY`S HAPPY HOUR MARITIME (California, Pacific)  
 0300 0200 28325 GBM&K CHAT (Wisconsin) Tuesday-Saturday  
 0300 0200 28330 KITSAP COUNTY (Washington) Monday  
 0300 0200 28350 LAKE OZARK AMATEUR RADIO CLUB (Missouri) Thursday  
 0300 0200 28350 MASON COUNTY ARES-RACES (Washington) Monday  
 0300 0200 28350 RAMONA OUTBACK AMATEUR RADIO SOCIETY (California)  
 Thursday after 1st, 3rd and 5th Wednesday  
 0300 0200 28395 EAST BAY AMATEUR RADIO CLUB (San Francisco) Tuesday  
 0300 ---- 28420 TUCSON AREA 10 METER Thursday  
 0300 0200 28460 DAWSON SPRINGS AMATEUR RADIO CLUB (Kentucky)  
 Thursday  
 0300 0200 28460 MOTOROLA AMATEUR RADIO CLUB (Illinois) Wednesday  
  
 0310 0210 3997.5 HFPAK SATURDAY NIGHT ZOMBIES (Eastern Time Zone)  
 Sunday  
  
 0315 0215 3947 VIRGINIA LATE Daily  
 0315 0215 3987 MEDFORD SKYWARN (Oregon) Thursday  
  
 0330 0230 1896 QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 130  
 (California) Thursday [Inland Empire Chapter]  
 0330 0230 3915 SONOMA-MENDOCINO (California) Wednesday  
 0330 0230 3918.5 SAM`S RADIO HAMS YL (Western US) Wednesday  
 [Recreational vehicles]  
 0330 0230 3924 RAMONA OUTBACK AMATEUR RADIO SOCIETY (California)  
 Thursday after 1st, 2nd, 3rd and 5th Wednesday  
 0330 0230 3925 SATERN WEST Monday  
 0330 0230 3935 SOUTHWEST TRAFFIC Daily  
 0330 0230 3940 FLORIDA TRAFFIC Daily  
 0330 0230 3972.5 MIDWEST COUNTRY COUSINS (Midwest, Central US) Daily  
 0330 0230 3987 SOUTHERN OREGON, NORTHERN CALIFORNIA AND NEVADA  
 ARES LEADERSHIP Thursday after 3rd Wednesday  
 0330 0230 3997 OES (Northern California, Southern Oregon) Thursday  
 after 5th Wednesday (when that occurs)  
 0330 0230 3987 REGIONAL WINCO ARES (Washington, Idaho, Nevada,  
 California, Oregon) Thursday after 1st Wednesday  
 0330 0230 3987 SACRAMENTO VALLEY SECTION ARRL (California)  
 Thursday after 2nd Wednesday  
 0330 0230 3987 SACRAMENTO VALLEY SECTION ARES (California)  
 Thursday after 4th Wednesday  
 0330 0230 3987 SISKIYOU, MODOC COUNTY ARES (California) Friday  
 0330 0230 3987.5 SAN BERNARDINO COUNTY RACES (California) Tuesday  
 0330 0230 7232 MERCURY AMATEUR RADIO ASSOCIATION (Los Padres  
 California) Wednesday



0330 ---- 14245 OCEANIA DX Saturday  
 ---- 0230 14313 PACIFIC SEAFARER`S Daily [Roll call at 0325] [14300a]  
 [There is a web site for a SEAFARERS net which  
 supposedly begins at 0200 on 14313, but the copyright  
 date is old (1997) so I assume that net has been  
 replaced with this one]  
 0330 ---- 14336 VK-ZL DOWN UNDER COUNTY HUNTERS (Western US, Pacific)  
 Daily when band is open  
 0330 0230 21275 ORANGE COUNTY AMATEUR RADIO CLUB (California)  
 Thursday  
 0330 0230 21360 SUBMARINE VETERANS AMATEUR RADIO ASSOCIATION Sunday  
 [Experimental]  
 0330 0230 28350 LAKES ARES (Minnesota) Sunday  
 0345 0245 3872 NORTHEAST CONNECTION CHAVERIM Tuesday  
 0345 0245 3960 SOUTHERN HUMBOLDT ARES (California) Tuesday  
 0400 ---- 1880 OMISS Friday, Saturday  
 ---- 0300 1982 3905 CENTURY CLUB INC. 160 METER EARLY Daily  
 [Closed for summer; reactivates sometime in October]  
 0400 0300 1928 FLEET RADIO UNIT PACIFIC Wednesday, Saturday  
 0400 0300 3740 VE7 CLARA SSB DOGWOOD (Western Canada) Wednesday  
 ---- 0300 3740 WILDROSE YL (Alberta) Monday  
 0400 0300 3750 ALBERTA ARES Monday  
 0400 0300 3750 POW WOW CLUB (Canada) Daily  
 0400 0300 3840 NORTH AMERICAN AMSAT (West Coast) Wednesday  
 ---- 0300 3850 INTERNATIONAL POLICE ASSOCIATION RADIO CLUB (Eastern,  
 Central US) Sunday, Tuesday  
 0400 0300 3880 COLLINS COLLECTORS ASSOCIATION AM (Pacific time zone)  
 Thursday after 1st Wednesday  
 0400 0300 3895 COLLINS COLLECTORS ASSOCIATION (Western US) Saturday  
 0400 0300 3908 AMATEUR RADIO FRIENDSHIP ASSOCIATION (Western US)  
 Monday, Wednesday, Friday [Affiliated with OMIK]  
 0400 0300 3918.5 SAM`S RADIO HAMS (Western US) Tuesday-Saturday  
 [Recreational vehicles]  
 0400 0300 3955 ADVENTIST AMATEUR RADIO ASSOCIATION (Northwest US)  
 Friday  
 0400 ---- 3977.7 SATERN (Arizona) Sunday or Monday  
 0400 0300 3985 11 O`CLOCK (Eastern, Central US) Daily [Alternate  
 name WD8OAA MEMORIAL, after its founder]  
 0400 0300 3992 CALIFORNIA ARES Tuesday  
 0400 0300 3996 MILITARY RADIOS COLLECTORS (Western US) Thursday  
 [7296a, 7283a] [May be AM]  
 0400 0300 7260 SATERN WESTERN TERRITORIAL Sunday

---- 0300 7263.5 OMISS 40 METER LATE Friday, Saturday  
 ---- 0300 7294 SANDIA (Western US) Daily [3930a]  
 0400 ---- 14305 ADVENTIST AMATEUR RADIO ASSOCIATION (South Pacific;  
 Western North America) Friday  
 0400 0300 14326 4X Friday [Chaverim International]  
 ---- 0300 28420 TUCSON AREA 10 METER Thursday  
 0400 0300 28425 SPOKANE RADIO AMATEURS (Washington) Monday  
 0400 0300 28497 VASHON ISLAND ARES (Washington) Friday  
  
 0410 0310 3997.5 HFPAK SATURDAY NIGHT ZOMBIES (Central Time Zone)  
 Sunday  
  
 0430 0330 1870 FLEET RADIO UNIT PACIFIC Sunday, Tuesday  
 0430 0330 1908 COASTSIDE AMATEUR RADIO CLUB (Pacifica California)  
 Tuesday, Thursday, Saturday  
 0430 0330 3860 SANTA BARBARA SECTION ARES (California) Tuesday after  
 1st Monday  
 0430 0330 3908 AMATEUR RADIO FRIENDSHIP ASSOCIATION SWAP (Western  
 US) Thursday  
 0430 0330 3935 ICE CREAM Daily  
 0430 0330 7260 SANTA BARBARA SECTION ARES (California) Tuesday after  
 1st Monday  
 ---- 0330 14245 OCEANIA DX Saturday  
 ---- 0330 14336 VK-ZL DOWN UNDER COUNTY HUNTERS (Western US, Pacific)  
 Daily when band is open  
 0430 0330 28400 VENTURA COUNTY (California) Tuesday  
  
 0445 0345 3987 SOJOURNERS (Northern California, Southern Oregon)  
 Tuesday  
 0445 ---- 21205 AUSTRALIA, NEW ZEALAND AND AFRICA DX Daily  
  
 ---- 0400 1880 OMISS Friday, Saturday  
 0500 ---- 1892 3905 CENTURY CLUB INC. 160 METER LATE Daily  
 0500 0400 1925 CENTRAL CALIFORNIA 160 METER Sunday, Wednesday,  
 Friday [AM]  
 0500 0400 1982 SOJOURNERS (Northern California, Southern Oregon)  
 Tuesday  
 0500 0400 3750 TRANS CANADA POW WOW CLUB Daily [October 1-April 30]  
 0500 0400 3870 AM SWAP (California) Thursday  
 0500 0400 3916 FREEWHEELERS (Central US) Daily  
 0500 0400 3957 CHICAGO MASONIC AND SHRINE Wednesday  
 0500 ---- 3960 ADVENTIST AMATEUR RADIO ASSOCIATION (Canada)  
 Saturday [CRAFT]  
 0500 0400 3960 ADVENTIST AMATEUR RADIO ASSOCIATION (Canada)

Wednesday [WCAR]

0500 0400 3965 MERCURY AMATEUR RADIO ASSOCIATION (Northwest US)  
Tuesday

0500 0400 3970 WESTERN COUNTRY COUSINS Daily

---- 0400 3977.7 SATERN (Arizona) Sunday or Monday

0500 0400 7093 ALASKA BUSH Daily

0500 ---- 7238.5 3905 CENTURY CLUB INC. 40 METER LATE Daily

0500 ---- 14183 AUSTRALIA, NEW ZEALAND AND AFRICA DX Daily

0500 ---- 14250 ARABIAN NIGHTS DX Friday

---- 0400 14305 ADVENTIST AMATEUR RADIO ASSOCIATION (South Pacific,  
Western North America) Friday

0500 0400 28350 CHARLIE ON 10 AT 9 (San Jose, San Francisco Bay area)  
Thursday

0510 0410 3997.5 HFPAK SATURDAY NIGHT ZOMBIES (Mountain Time Zone)  
Sunday

0530 0430 3857 USS HORNET AMATEUR RADIO CLUB (Western US) Daily  
[Informal]

0530 0430 3870 WEST COAST AM Daily [Informal]

0530 ---- 3905 PACIFIC ARES (Hawaii) 1st Thursday [7080a]

0530 0430 3980 MILITARY RADIOS COLLECTORS (Western US) Sunday  
[May be AM]

0530 0430 14292 ALASKA, PACIFIC EMERGENCY PREPAREDNESS Daily

---- 0445 21205 AUSTRALIA, NEW ZEALAND AND AFRICA DX Daily

0600 0500 1880 1880 GOB Daily

---- 0500 1892 3905 CENTURY CLUB INC. 160 METER LATE Daily  
[Closed for summer; reactivates sometime in October]

0600 0500 3903 3905 CENTURY CLUB INC. 75 METER LATE Daily

0600 0500 3933 ALASKA MOTLEY Daily

---- 0500 3960 ADVENTIST AMATEUR RADIO ASSOCIATION (Canada)  
Saturday [CRAFT]

---- 0500 7238.5 3905 CENTURY CLUB INC. 40 METER LATE Daily

---- 0500 14183 AUSTRALIA, NEW ZEALAND AND AFRICA DX Daily

---- 0500 14250 ARABIAN NIGHTS DX Friday

0600 0500 14289 MERCURY AMATEUR RADIO ASSOCIATION-EMERGENCY RADIO  
RESPONSE SYSTEM (Western US?) Saturday

0600 ---- 14293 ROTARY AMATEUR RADIO CLUB (US, Canada) Sunday

0600 ---- 14305 ADVENTIST AMATEUR RADIO ASSOCIATION (South Pacific,  
Western US) Monday

0610 0510 3997.5 HFPAK SATURDAY NIGHT ZOMBIES (Pacific Time Zone)

## Sunday

0620 0520 3995 OREGON TRAFFIC HANDLERS Daily

---- 0530 3905 PACIFIC ARES (Hawaii) 1st Thursday [7080a]

0630 ---- 7240 USA DX GROUPE Daily [W8KLI]

0700 ---- 1892 3905 CENTURY LATE INC. 160 METER LATE-LATE Saturday

0700 0600 3853 RADIO 38 (Western US, Western Canada, Alaska, Hawaii)  
Daily [3815a 3820a 3826a 3830a 3998a]

0700 0600 3990 MILITARY RADIOS COLLECTORS (Western US) Saturday [AM]

0700 ---- 7235 TRIPLE H Daily [Worked All States, DX Assistance]

---- 0600 14293 ROTARY AMATEUR RADIO CLUB (US, Canada) Sunday

---- 0600 14305 ADVENTIST AMATEUR RADIO ASSOCIATION (South Pacific,  
Western North America) Monday

---- 0630 7240 USA DX GROUPE Daily [W8KLI]

0745 ---- 14315 PACIFIC ISLANDS DISASTER 1st Sunday

---- 0700 1892 3905 CENTURY LATE INC. 160 METER LATE-LATE Saturday  
[Closed for summer; reactivates sometime in October]

0800 0700 3973 BEFORE BREAKFAST CLUB Daily

---- 0700 7235 TRIPLE H Daily [Worked All States, DX Assistance]

0800 ---- 14315 PACIFIC INTER-ISLAND Daily

---- 0745 14315 PACIFIC ISLANDS DISASTER 1st Sunday

---- 0800 14315 PACIFIC INTER-ISLAND Daily

1000 0900 1888 EARLY MORNING 160 METER (Eastern, Midwest US) Daily  
[AM]

1000 0900 3885 MILITARY RADIO COLLECTORS (Eastern US) Saturday  
[1985a] [May be AM]

1000 0900 3912 SUNRISE BIBLE STUDY (Eastern US) Saturday-Sunday

1000 0900 3940 EARLY BIRD TRANSCONTINENTAL Daily

1000 0900 3973 BREAKFAST CLUB Daily

1000 0900 7238 ROTTEN APPLES GROUP (Eastern, Central US) Saturday-  
Sunday [Informal]

1000-0900 7238 ROTTEN APPLES GROUP EARLY BIRD (Eastern, Central US)  
Monday-Friday

1030 0930 1990 1990 GROUP (Texas and surrounding states) Daily

1030 ---- 3815 CARIBBEAN EMERGENCY-WEATHER Daily [7162a]

1030 0930 3905 NEW ENGLAND WEATHER Monday-Saturday

1030	0930	7284	SALTMINERS Daily
1030	----	14279	ROYAL AIR FORCE AMATEUR RADIO SOCIETY (Eastern US) Daily [WB1BFA]
1045	0945	3980	ADVENTIST EASTERN BIBLE STUDY Daily
1100	1000	3770	MARITIME WEATHER (Canada) Monday-Saturday
1100	1000	3875	BIBLE FELLOWSHIP (Eastern US) Daily
1100	1000	3930	B&O RAILROAD AMATEUR RADIO CLUB (Eastern US) Wednesday
1100	1000	3967	BREAKFAST CLUB (Northeast US) Monday-Saturday
1100	1000	3967	GRAVEYARD (Eastern, Central US) Daily
1100	1000	3970	RAINBOW CONNECTION (Florida) Daily [7295a]
1100	1000	3985	BADGER WEATHER (Wisconsin) Daily
1100	1000	3990	ROOSTER (Eastern US) Daily
1100	1000	7228.5	RED EYE (Florida) Sunday
1100	----	7237	CARIBBEAN MARINE Daily [Weather from KP2G at 1115 UT]
1100	1000	7238	ROTTEN APPLES GROUP (Eastern, Central US) Monday- Friday
1100	----	7241	CARIBBEAN MARITIME Daily
1100	1000	7274	KORN KOB (Upper Midwest) Daily
1100	----	14156	FRIENDLY CARIBBEAN DX Daily [W2MIG]
1100	----	14226.5	SOUTHERN CROSS DX (Australia, Western North America) Daily
1100	----	14240	PACIFIC DX Daily
1100	----	14283	FRIENDLY CARIBUS CONNECTION Daily
----	1030	3815	CARIBBEAN EMERGENCY-WEATHER Daily [7162a]
1130	1030	3838	HOTLINE (Eastern US) Daily [AM]
1130	1030	3947	GREEN FROGS (Mid Atlantic states) Monday-Saturday
1130	1030	3955	CENTRAL NEW ENGLAND Monday-Saturday
1130	1030	3962	BARNYARD (Northeast US) Monday-Saturday
----	1030	14279	ROYAL AIR FORCE AMATEUR RADIO SOCIETY (Eastern US) Daily [WB1BFA]
1130	----	14295	ROTARY AMATEUR RADIO CLUB INTERNATIONAL Sunday
1130	----	14303	INTERNATIONAL ASSISTANCE-TRAFFIC Daily [1100 DST]
1145	1045	3980	TENNESSEE PHONE Monday-Friday
1155	1055	3940	FLORIDA TRAFFIC Daily
1200	1100	3750	MARITIME OLD TIMERS (Canada) Sunday
1200	1100	3755	ONTARIO AMATEUR RADIO SERVICE ``ONTARS`` Daily
1200	1100	3834	DO IT YOURSELF (New England) Daily

1200 1100 3862.5 MAGNOLIA SECTION (Mississippi) Monday-Friday [One  
 hour later weekends] [Not to be confused with the  
 Magnolia Net on 3878]  
 1200 1100 3878 MAGNOLIA (Southeast US) Daily [Not to be confused  
 with the Magnolia Section Net on 3862.5]  
 1200 1100 3880 FLORIDA AM Sunday, Thursday  
 1200 1100 3907 AMATEUR RADIO MISSIONARY SERVICE (Eastern US) Monday-  
 Thursday  
 1200 1100 3920 OMIK AMATEUR ELECTRONICS COMMUNICATIONS ASSOCIATION  
 (Central US) Sunday  
 1200 1100 3930 CHRISTIAN AMATEUR RADIO FELLOWSHIP (Eastern, Central  
 US) Monday-Saturday  
 1200 1100 3934.5 RATCHET JAW CLUB (Central US) Daily  
 1200 1100 3940 MAINE SKIDDER Daily  
 1200 1100 3950 BOSTON-SPRINGFIELD MASONIC (Massachusetts) Sunday  
 1200 1100 3970 EYE BANK (Eastern US) Monday-Friday [Early]  
 [Coverage area is as given in ARRL registrations but  
 I hear check ins from all over]  
 1200 1100 3987.5 ARKANSAS PHONE Monday-Saturday  
 1200 1100 3995 GEORGIA CRACKER Monday-Saturday [One hour later  
 Sundays]  
 1200 1100 7055 ONTARIO TRANS-PROVINCIAL Daily  
 1200 1100 7225.5 K4UUQ GROUP (Eastern, Central US) Monday-Saturday  
 [Informal] [One hour later Sundays] [K4UUQ is the  
 founder of this otherwise unnamed net. Net  
 controls change regularly; one, W4TN, appears to  
 be K4UUQ`s son]  
 1200 1100 7230 WBCCI RV SERVICE (Eastern US) Daily  
 ---- 1100 7237 CARIBBEAN MARINE Daily [Weather from KP2G at 1115 UT]  
 1200 1100 7238 CLASSROOM Monday-Friday [WB2JKJ ``22 Crew``]  
 ---- 1100 7241 CARIBBEAN MARITIME Daily  
 1200 1100 7242.5 JW GROUP (Eastern, Central US) Daily [Jehovah`s  
 Witnesses]  
 1200 1100 7264.5 BUCKAROO (Eastern, Central US) Monday-Friday  
 1200 1100 7289 WAG Sunday  
 1200 ---- 14118 LE RESEAU DU CAPITAINNE (Canada) Daily [English,  
 French] [Maritime for Atlantic, Caribbean, Pacific]  
 ---- 1100 14165 FRIENDLY CARIBBEAN DX Daily [W2MIG]  
 ---- 1100 14226.5 SOUTHERN CROSS DX (Australia, Western North America)  
 Daily  
 ---- 1100 14240 PACIFIC DX Daily  
 1200 1100 14277 GENERAL MOTORS FIREBIRD AMATEUR RADIO CLUB Sunday  
 ---- 1100 14283 FRIENDLY CARIBUS CONNECTION Daily

1200 1100 14290 MILWAUKEE-FLORIDA Daily  
 1200 1100 14300 INTERCONTINENTAL TRAFFIC Daily [14313a]  
 ---- 1100 14303 INTERNATIONAL ASSISTANCE-TRAFFIC Daily [1130 ST]  
 1200 1100 18155 FLYING BOAT AMATEUR RADIO SOCIETY Daily [Registered  
 with the ARRL but not mentioned on the Flying Boat  
 web site] [See 2000\1900 14255 for more!]  
 1200 ---- 28430 BRAZILIAN DX Daily  
  
 1220 1120 3696 BAHAMAS AIR SEA RESCUE ASSOCIATION Daily [If not on  
 7096] [Not for US]  
 1220 1120 7096 BAHAMAS AIR SEA RESCUE ASSOCIATION Daily [If not on  
 3696] [Not for US]  
  
 1230 1130 3853 DARF-UCAN (Midwest US) Monday-Saturday [Disciples  
 Amateur Radio Federation and United Church Amateur  
 Network]  
 1230 1130 3865 NAVY AMATEUR RADIO CLUB (Southeast US) Daily  
 [Registered with the ARRL but not mentioned on the  
 Navy ARC web site]  
 1230 1130 3872.5 MERCURY AMATEUR RADIO ASSOCIATION (Northeast US)  
 Saturday  
 1230 1130 3935 ROTARY AMATEUR RADIO CLUB (North Carolina) Monday-  
 Saturday  
 1230 1130 3940 FLORIDA ARRL INFORMATION Saturday  
 1230 1130 3945 FLORIDA TRADERS Sunday  
 1230 1130 3963 WBCCI RV SERVICE (Northeast US) Sunday  
 1230 1130 7210 OLD GOATS (Eastern US) Daily  
 1230 1130 7245 NAVY AMATEUR RADIO CLUB (Eastern, Central US) Daily  
 1230 1130 7248 BUCKAROO PLUS (Eastern, Central US) Monday-Friday  
 1230 1130 7255 EAST COAST AMATEUR RADIO SERVICE ``ECARS`` Daily  
 1230 1130 7258 MID CONTINENT AMATEUR RADIO SERVICE ``MIDCARS``  
 (Midwest US) Daily [Name is as given on their now  
 defunct web site but is usually referred to on the  
 air as ``Midwest Amateur Radio Service``]  
 1230 1130 7265 OMIK AMATEUR ELECTRONICS COMMUNICATIONS ASSOCIATION  
 (Eastern, Central US) Sunday [ARRL registrations has  
 two sessions at 1200\1100 and 1400\1300 but their web  
 has (and I confirm this) one two hour session  
 starting at this time]  
 ---- 1130 14295 ROTARY AMATEUR RADIO CLUB INTERNATIONAL Sunday  
 1230 1130 14326 MYER DELNICK MISHPOCHA Daily [Chaverim International]  
  
 1245 1145 3917 ARATS (New York) Saturday [Amateur Radio Association  
 of the Tonawandas]

1245	1145	3920	KANSAS PHONE Monday, Wednesday, Friday
1245	1145	3927	NORTH CAROLINA MORNING Daily
1245	1145	3970	EYE BANK (Entire US) Daily
1245	1145	3980	TENNESSEE MORNING Monday-Friday
1245	1145	7268	WATERWAY (Eastern US) Daily
1245	1145	14122.5	MISSISSAUGA MARITIME (Canada) Daily [Handles phone patch traffic for vessels at sea, mostly in the Caribbean, where allowed by law] [Frequency for American waters (above 14150) is announced at the beginning of the net]
1300	1200	3735	PL (Atlantic Region Canada) Monday-Saturday
1300	1200	3765	HAPPY GANG JOUEUX COPIN (Quebec) Daily [English, French]
1300	1200	3785	COD JIGGER (Newfoundland, Labrador) Daily
1300	1200	3787	PROFESSIONAL LOAFERS (Quebec) Daily
1300	1200	3820	CIRCUIT RIDERS (Ohio) Saturday
1300	1200	3850	RANDOM (Northeast US) Daily
1300	1200	3862.5	MAGNOLIA SECTION (Mississippi) Saturday-Sunday [One hour earlier weekdays]
1300	1200	3872.5	MERCURY AMATEUR RADIO ASSOCIATION (Midwest US) Saturday
1300	1200	3890	LONELY GUYS (New England) Saturday [AM]
1300	1200	3903	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 10 (Michigan) Sunday [Michigan Chapter]
1300	1200	3905	LOUISIANA POST OFFICE Sunday
1300	----	3910	INDIANA ARES-EMERGENCY 4th Sunday
1300	1200	3912	NORTH CENTRAL PHONE Monday-Saturday
1300	1200	3920	KANSAS MORNING WEATHER Daily
1300	1200	3932	WORMY (Eastern US) Monday-Friday
1300	1200	3940	SOUTH FLORIDA ARES Saturday
1300	1200	3952	MORNING GROUP (Northeast US) Monday-Saturday
1300	----	3955	QUARTER CENTURY WIRELESS ASSOCIATION FLORIDA SSB Saturday [Various Florida QCWA chapters]
1300	1200	3975	MIDWEST BIBLE Daily [Adventist Amateur Radio Association]
1300	1200	3976	VERMONT EMERGENCY Sunday
1300	1200	3987.5	ARKANSAS ARES-RACES Sunday
1300	1200	3993.5	PENNSYLVANIA EMERGENCY MANAGEMENT Sunday
1300	1200	3995	GEORGIA CRACKER Sunday [One hour earlier other days]
1300	1200	7153	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 48 (Florida) Daily [Treasure Coast Chapter] [Not in QCWA net list but heard here recently]
1300	1200	7225.5	K4UUQ GROUP (Eastern, Central US) Sunday [Informal]



[One hour earlier other days] [See 1200\1100 7225.5 for more]

1300	1200	7227	JARHEAD Wednesday, Saturday [Retired US Marines]
1300	1200	7237	MUTUAL UFO (Eastern, Central US) Saturday [3977.7a]
1300	1200	7238	ORCATS Sunday [Old Time Radio Collectors and Traders] [W9ZMR Chicago]
1300	1200	7251	SOUTH COAST AMATEUR RADIO SERVICE ``SOUTHCARS`` Daily [Morning session]
1300	1200	7272	CSXT RAILROAD AMATEUR RADIO CLUB Saturday
----	1200	14118	LE RESEAU DU CAPITAINE (Canada) Daily [English, French] [Maritime for Atlantic, Caribbean, Pacific]
1300	----	14305	14305 DX Monday-Friday
1300	1200	14332	YLISSB EARLY MORNING WARM-UP Daily
1300	1200	14340	ERIE-FORT PIERCE CONNECTION (Eastern US) Daily
1300	----	21355	AFRICANA Daily
1300	----	21359	ODD FELLOW AMATEUR RADIO CLUB Saturday-Sunday [14259a] [Odd Fellow Brothers or Rebecka Sisters]
1300	----	21400	TRANSATLANTIC Daily
1300	----	21410	CHINA DX Saturday [If not at 2300]
----	1200	28430	BRAZILIAN DX Daily
1310	----	3910	INDIANA WET Daily
1315	1215	3835	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 41 (Texas) Sunday [Dallas Chapter]
1315	1215	3917	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 46 (New York, New Jersey) Sunday [Founders` Chapter]
1315	1215	3917	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 181 (New York) Sunday [Hudson Valley Chapter]
1330	1230	3735	SUNDAY MORNING AM (Eastern Canada) Sunday
1330	1230	3872.5	MERCURY AMATEUR RADIO ASSOCIATION (Southeast US) Saturday
1330	1230	3897	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 146 (New Hampshire, Vermont) Sunday [Twin State Chapter]
1330	1230	3903	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 112 (Massachusetts) Sunday [Yankee Chapter]
1330	1230	3905	DELTA 75 (Arkansas, Louisiana, Mississippi, Tennessee) Sunday
1330	----	3910	INDIANA TRAFFIC Daily
1330	1230	3910	YL HAWKS (Upper Midwest) Saturday [K9ILK]
1330	1230	3912	YANKEE LASSIES Wednesday
1330	1230	3917	ASSOCIATION OF SAINTS CHURCH AMATEUR RADIO (Western US) Monday-Saturday
1330	1230	3920	THE CHERRY TREE (Virginia) Saturday-Sunday [3918a]

3925a] [Members of the Mount Vernon Amateur Radio Club who no longer live in the Mount Vernon Area] [The ARRL has a DAVID C. SCHULL net registered at the same time and frequency; both has the same net manager, KD4SV, who just happens to be David C. Schull]

1330	1230	3920	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 110 (Kansas) Saturday [Kansas Chapter]
1330	1230	3930	NORTH TEXAS EMERGENCY Sunday
1330	1230	3937	WEST MASSACHUSETTS ARE Sunday
1330	1230	3939	NEW MEXICO BREAKFAST CLUB Daily
1330	1230	3940	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 123 (Iowa) Saturday [Lee DeForest Chapter]
1330	1230	3943	WESTERN MASSACHUSETTS EMERGENCY Sunday
1330	1230	3945	COLORADO WEATHER (Central, Western US) Daily
1330	1230	3945	NEW ENGLAND PHONE Sunday
1330	1230	3954	CALIFORNIA WEATHER Daily
1330	1230	3955	SOUTH TEXAS EMERGENCY Sunday
1330	1230	3958	NORTH COUNTRY (Northern New York) Sunday
1330	1230	3960	GOOD MORNING KENTUCKY Daily
1330	1230	3982	NEBRASKA MORNING Daily
1330	1230	3985	3985 SATURDAY MORNING TRADERS (Eastern US) Saturday
1330	1230	3993.5	CENTRAL PENNSYLVANIA EMERGENCY MANAGEMENT Sunday
1330	1230	7263	ARATS (New York) Saturday [Amateur Radio Association of the Tonawandas]
1330	1230	7278	NATIONAL-INTERNATIONAL DOUBLERS Daily
1330	1230	14275	BERMUDA (Eastern US) Sunday
1330	1230	14326	CHAVERIM INTERNATIONAL Sunday
1330	1230	28337	MORNING OHIO RAGCHEW Monday-Friday
1343	1243	3930	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 89 (South Carolina) Saturday [Palmetto State Chapter]
1345	1245	3917	QUARTER CENTURY WIRELESS ASSOCIATION NORTHEAST REGIONAL (Northeast US) Sunday [Various QCWA chapters]
1345	1245	3935	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 126 (North Carolina) Saturday [Piedmont Chapter]
1345	1245	3993.5	WISCONSIN ARES-RACES Sunday [If not on 7250]
1345	1245	7250	WISCONSIN ARES-RACES Sunday [If not on 3993.5]
1345	1245	7268	COMPUTER (Eastern US) Friday [Time approximate]
1345	1245	7268	LANDCRUISERS (Eastern US) Thursday [Time approximate]
1345	1245	7268	TECH (Eastern US) Sunday [Time approximate]
1345	1245	7283	MERCURY AMATEUR RADIO ASSOCIATION (Southeast US)

## Saturday

1350	1250	3974	ADVENTIST AMATEUR RADIO ASSOCIATION (Western US) Daily
1350	1250	7294	EYE BANK Daily [Not registered with the ARRL but heard here regularly]
1400	1300	3753	SASKATCHEWAN WEATHER Daily
1400	1300	3768	NORTH BAY (Ontario) Sunday
1400	1300	3773	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 73 (Southern Ontario) Sunday [Fred Hammond Chapter] [Not in current QCWA net list but mentioned on the Chapter 73 web site]
1400	1300	3854	NAVY AMATEUR RADIO CLUB (Eastern US) Daily
1400	1300	3855	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 63 (Oklahoma) Sunday [Central Oklahoma Chapter]
1400	1300	3857.5	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 49 (Georgia) Saturday [Peach State Chapter]
1400	1300	3860	MORNING COFFEE CLUTCH (Wisconsin) Sunday
1400	1300	3860	TAIL DRAGGERS (South central US) Sunday
1400	1300	3876	COLORADO MORNING Monday, Wednesday, Friday [AM]
1400	1300	3877	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 8 (Minnesota) Saturday [Upper Midwest Chapter]
1400	1300	3885	MIDWEST CLASSIC RADIO Saturday [AM]
1400	1300	3889	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 102 (North and South Dakota) Sunday [Dakota Chapter]
1400	----	3890	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 16 (Arizona) Sunday [Arizona Chapter]
1400	1300	3893	AMATEUR RADIO MISSIONARY SERVICE (Rocky Mountains) Monday-Saturday [Time and days is as given on the ARMS web site but ARRL registrations has them Monday-Friday at 1430\1330]
1400	1300	3896	3900 CLUB TRADERS (Sioux City Iowa) Sunday
1400	1300	3900	AMATEUR RADIO MISSIONARY SERVICE (Southeast US) Saturday
1400	1300	3900	OKLAHOMA EMERGENCY Sunday [Has been on 3902.5- 3903 recently due to QRM]
1400	1300	3907	AMATEUR RADIO MISSIONARY SERVICE (Eastern US) Saturday
1400	1300	3908	UPPER MIDWEST MASONIC SHRINE HOSPITAL Sunday
1400	1300	3910	CENTRAL TEXAS EMERGENCY Sunday
----	1300	3910	INDIANA ARES-EMERGENCY 4th Sunday
1400	1300	3920	KANSAS PHONE Saturday-Sunday
1400	1300	3922	AMATEUR RADIO MISSIONARY SERVICE (Central US)

## Saturday

1400	1300	3923	ARRL REGION 12 TRAFFIC (Arizona, Colorado, New Mexico, Utah, Wyoming) Daily [Cycle 2]
1400	1300	3925	NORTHWEST SHRINE (Tacoma Washington) Sunday
1400	1300	3928	WESTERN NEW YORK TRADERS Saturday
1400	1300	3934	VERMONT PHONE Sunday
1400	1300	3935	CARRIER (Northeast US) Monday-Saturday
1400	1300	3940	ILLINOIS EMERGENCY Sunday
1400	1300	3940	MAINE PUBLIC SERVICE Sunday
1400	1300	3940	TASYL (Michigan) Thursday [The Auto State Young Ladies]
1400	1300	3940	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 62 (Florida) Saturday [Suwannee Chapter]
1400	1300	3941	SATERN (Oklahoma, Arkansas) 2nd Saturday
1400	1300	3942	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 76 (North Carolina) Saturday [Blue Ridge Chapter] [3942 is the frequency shown on the QCWA net list; ARRL has it registered on 3930, although the South Carolina QCWA group is supposedly on 3930 around this time]
1400	1300	3942	YL ROUNDUP (Texas) Thursday
1400	1300	3944	WEST GULF COAST EMERGENCY Sunday
1400	1300	3945	BUCKEYE BELLES (Ohio) Monday [Ohio Ladies Amateur Radio Club]
1400	1300	3945	SAYLARC (Northeast US) Friday-Saturday [Second Area Young Ladies Amateur Radio Club]
1400	1300	3950	NEW JERSEY PHONE Sunday
1400	1300	3950	NORTH FLORIDA ARES Monday-Saturday
1400	1300	3950	NORTHWEST TEXAS EMERGENCY Sunday
1400	1300	3950	WEST NEBRASKA TRAFFIC Daily
1400	1300	3955	MOUNTAIN VALLEY AMATEUR RADIO CLUB (New York) Saturday
1400	1300	3955	SANTA FE RAILROAD (Texas) Saturday
----	1300	3955	QUARTER CENTURY WIRELESS ASSOCIATION FLORIDA SSB Saturday [Various Florida QCWA chapters]
1400	1300	3960	SOUTH DAKOTA WEATHER Monday-Saturday
1400	1300	3962	TEXAS KILOWATT Sunday
1400	1300	3963	NAZARENE AMATEUR RADIO FELLOWSHIP Saturday
1400	1300	3965	ALABAMA TRAFFIC MIKE Sunday
1400	1300	3975	GEORGIA MASONIC Sunday
1400	1300	3980	TENNESSEE MORNING Saturday-Sunday
1400	1300	3987.5	EASTERN PENNSYLVANIA EMERGENCY MANAGEMENT Sunday
1400	1300	3993.5	NEW YORK RACES Sunday
1400	1300	3996.5	UP AND AT `EM (Arkansas) Monday-Friday

1400	1300	7055	CLARA (Eastern Canada) Tuesday
1400	1300	7085	40 METRE (Eastern Canada) Sunday
1400	1300	7236	FLORIDA SHRINE Sunday
1400	1300	7240	NORTH CENTRAL AMATEUR RADIO SERVICE ``NORCARS`` (Midwest US) Monday-Friday [Courage Handi-Hams]
1400	1300	7243	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 107 (Florida) Saturday [Central Florida Chapter]
1400	1300	7245	NEW YORK RACES Sunday
1400	1300	7245.5	TIN CAN SAILORS (Eastern US) Wednesday
1400	1300	7248	ROUNDTABLE (Eastern US) Monday-Friday
1400	1300	7263	WBCCI RV SERVICE ROCKY MOUNTAINS HOUR 1 Monday-Friday
1400	1300	7270	ADVENTIST AMATEUR RADIO ASSOCIATION (Eastern US) Sunday
1400	1300	7272	UNITED STATES POWER SQUADRON (Southeast US) Tuesday
1400	1300	7275	GEORGIA 40 METER SWAP Sunday
1400	1300	14208	VOX ON, PROCESSOR OFF Daily
1400	1300	14235.5	BATHROBE Daily
1400	----	14245	BILL BENNETT FAMILY HOUR DX Daily
1400	1300	14257	CONNECTICUT MOBILE AIR Daily
1400	1300	14270	DALE GREEN MEMORIAL OLD FRIENDS Sunday [Breaks at 1430\1330 for GE Net (see below), then resumes at 1500\1400]
1400	1300	14280	INTERNATIONAL ASSOCIATION OF AIRLINE HAMS EARLY BIRD Sunday, Wednesday, Thursday
1400	1300	14292	ASTRONOMY Saturday
----	1300	14305	14305 DX Monday-Friday
----	1300	21355	AFRICANA Monday-Friday
----	1300	21359	ODD FELLOW AMATEUR RADIO CLUB Saturday-Sunday [14259a] [Odd Fellow Brothers and Rebecka Sisters]
1400	1300	21395	CLASSROOM Monday-Friday [WB2JKJ ``22 Crew``]
----	1300	21400	TRANSATLANTIC Daily
----	1300	21410	CHINA DX Saturday [If not at 2300]
1400	----	28359	ODD FELLOW AMATEUR RADIO CLUB Saturday-Sunday [Odd Fellow Brothers and Rebecka Sisters]
1400	1300	28400	NEW YORK CITY ARES TACTICAL COMMUNICATIONS 1st, 3rd Sunday
1400	1300	28404	SOUTH FLORIDA Saturday
1400	1300	28450	HOLMESBURG AMATEUR RADIO CLUB (Pennsylvania) Sunday
1400	----	28577	PANHELLENIC AMATEUR RADIO FEDERATION Daily
----	1310	3910	INDIANA WET Daily
1415	1315	1815	CENTRAL ILLINOIS 160 METER Sunday

1415	1315	3916	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 122 (Pennsylvania, New York, Ohio) Sunday [Lake Erie Tri-State Chapter]
1415	1315	3940	ILLINOIS PHONE Sunday
1415	----	3968	SONRISA MARITIME (Western US, Mexico) Daily [English, Spanish]
1415	1315	14247.5	DISPLACED PEORIANS (Illinois) Sunday
1430	1330	1895	GOOSE RIVER (North Dakota) Sunday
1430	1330	3753	SASKATCHEWAN ARES Sunday
1430	1330	3768	VE3DSF SWAP SHOP (Ontario) Sunday
1430	1330	3867	BRUCE KELLEY (Northeast US) Monday, Wednesday, Friday [Antique Wireless Association]
1430	1330	3900	RADIO ASSOCIATION OF WESTERN NEW YORK Sunday-Friday
1430	1330	3900	3900 CLUB ROLL CALL AND MEETING (Sioux City Iowa) Sunday
1430	1330	3905	AMATEUR RADIO MISSIONARY SERVICE (Midwest US) Saturday
1430	1330	3905	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 109 (Louisiana) Sunday [Baton Rouge Chapter]
1430	1330	3908	NORTH STAR TRADERS (Wisconsin) Sunday [ARRL registrations and other internet sources has this on 3913 but I heard them on 3908]
----	1330	3910	INDIANA TRAFFIC Daily
1430	1330	3918	MERCURY AMATEUR RADIO ASSOCIATION (Utah) Saturday
1430	1330	3922	BIG BEND EMERGENCY (Texas) Sunday
1430	1330	3923	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 183 (Massachusetts) Sunday [Pioneer Valley Chapter]
1430	1330	3924	MIDWEST MODEL Sunday
1430	1330	3933	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 114 (Wichita Falls) Saturday [North Texas Chapter]
1430	----	3937	NORTH DAKOTA WEATHER Monday-Saturday [7232a]
1430	1330	3940	SMYLs Wednesday
1430	1330	3945	COLORADO LO Wednesday [Ladies Only]
1430	1330	3945	GRANITE STATE (New Hampshire) Sunday
1430	1330	3955	DOUBLE NICKEL (North Central US) Monday, Wednesday, Friday
1430	1330	3965	AFTER BREAKFAST CLUB (Wisconsin) Monday-Friday
1430	----	3980	ADVENTIST AMATEUR RADIO ASSOCIATION (Arizona) Tuesday, Friday
1430	1330	3982	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 25 (Nebraska) Saturday [Nebraska Chapter]
1430	1330	3985	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 55 (Wisconsin) Sunday [Wisconsin Chapter]

1430	1330	3990	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 210 (Nebraska) Saturday [Omaha Chapter]
1430	1330	3990	WESTERN PENNSYLVANIA EMERGENCY MANAGEMENT Sunday
1430	1330	7067	SUNDAY MORNING QRP (Ontario) Sunday [LSB, CW]
1430	1330	7153	COMMUNICATIONS ONTARIO WARM-UP Daily
1430	1330	7232	NORTH DAKOTA WEATHER Monday-Saturday
1430	1330	7233	BELLRINGERS (Southeast US) Monday-Friday [Informal] [Active and retired employees of the telephone industry]
1430	1330	7283	NAZARENE AMATEUR RADIO FELLOWSHIP (Central US) Monday, Saturday
1430	1330	7285	DAYTIME TEXAS TRAFFIC Monday-Friday
1430	1330	7285	NORTH TEXAS ARES Saturday
1430	1330	14257	JOHNNY APPLESEED (Ohio) Tuesday [Time approximate]
1430	1330	14270	GE SUNDAY MORNING LAND MOBILE CALL UP Sunday [Meets between sessions of the Old Friends Net]
1430	1330	14310	KNOTHEAD Monday-Friday [Informal]
1430	1330	14329	VERMONT SNOWBIRD Daily
1430	----	21360	ROYAL NAVY AMATEUR RADIO SOCIETY Saturday-Sunday
1430	----	28330	TEN METER DX Daily
1430	1330	28380	BUFFALO INTERLINK RAG CHEW (New York) Sunday
1430	----	28933	ROYAL NAVY AMATEUR RADIO SOCIETY Saturday-Sunday
1445	1345	3917	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 5 (Delaware and surrounding states) Sunday [Delaware Valley Chapter]
1445	----	14328	ADVENTIST AMATEUR RADIO ASSOCIATION Sunday
1500	1400	1888	EARLY MORNING (Eastern US) [AM]
1500	1400	3760	POTHOLE (Ontario) Sunday [Ottawa Valley Mobile Radio Club]
1500	1400	3855	BROADCASTERS (Eastern US) Monday, Wednesday, Friday [If not on 7231] [Retired CBS Engineers Association]
1500	1400	3880	MONTANA SECTION Sunday
----	1400	3890	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 16 (Arizona) Sunday [Arizona Chapter]
1500	1400	3895	SEA COAST (Northeast US) Sunday
1500	1400	3900	SATERN (Oklahoma) Monday-Friday
1500	1400	3907	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 211 (Chanute Kansas) Saturday except 4th Saturday [Neosho Valley Chapter]
1500	1400	3908	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 198 (California) Saturday [Mid Sierra Chapter]
1500	1400	3915	FRISCO (Missouri) Saturday

1500	1400	3920	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 67 (Texas) Saturday [Austin Chapter]
1500	1400	3923	PONY EXPRESS (Wyoming) Sunday
1500	1400	3923	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 140 (Wyoming) Saturday [Wyoming Chapter]
1500	1400	3925	PICONET (Upper Midwest) Monday-Saturday [``Public Interest Convenience or Necessity``] [Courage Handi- Hams]
1500	1400	3925	WB2EZU MEMORIAL (Hamburg New York) Saturday [South Towns Amateur Radio Society]
1500	1400	3928	COLORADO ARES Sunday
1500	----	3933	YL COFFEE CUP (Arizona) Tuesday
1500	1400	3940	DARF-UCAN (Western US) Monday-Saturday [Disciples Amateur Radio Federation and United Church Amateur Network]
1500	1400	3960	SOUTH DAKOTA EMERGENCY Sunday
1500	1400	3960	UTAH RACES 3rd Saturday
1500	1400	3945	OLD BUZZARDS (New England) Monday-Saturday [AM]
1500	1400	3965	CONNECTICUT PHONE Sunday
1500	1400	3984	AMATEUR RADIO MISSIONARY SERVICE (Northwest US) Thursday
1500	----	3990	ARIZONA EMERGENCY Sunday
1500	1400	3990	IDAHO CD Monday-Friday
1500	1400	7063	OLD SWEAT`S (Canada) Tuesday
1500	1400	7095	OTTAWA VALLEY MOBILE AMATEUR RADIO CLUB (Canada) Saturday
1500	1400	7153	COMMUNICATIONS ONTARIO Daily
1500	1400	7198	OLD OLD TIMERS CLUB CHAPTER 13 (Dallas, Forth Worth) Wednesday
1500	----	7200	INTERNATIONAL POLICE ASSOCIATION RADIO CLUB (Eastern US) Monday, Wednesday, Friday
1500	1400	7227	GE MOBILE GROUP Sunday
1500	1400	7231	BROADCASTERS (Eastern US) Monday, Wednesday, Friday [If not on 3855] [Retired CBS Engineers Association]
1500	1400	7233	EASTERN OHIO RAG CHEW (Cambridge Ohio) Sunday
1500	1400	7233	BELL RINGERS (Southeast US) Saturday [Active and retired employees of the telephone industry]
1500	1400	7240	NORTH CAROLINA ALLIGATOR Saturday
1500	1400	7240	7240 CLUB (North Carolina) Monday-Friday
1500	1400	7240	7240 SWAP (Northeast, Midwest US?) Saturday
1500	1400	7245	TEXAS TRADERS Sunday
1500	1400	7248	FRIENDLY TRIPLE N (Eastern US) Monday-Friday
1500	1400	7251	SCARS TRADERS (Southeast US) Wednesday



1500 1400 7260 FLYING BOAT AMATEUR RADIO SOCIETY (Eastern,  
 Central US) Tuesday, Thursday [Registered with the  
 ARRL but not mentioned on the Flying Boat web site]  
 [See 2000\1900 14255 for more!]  
 1500 1400 7262 PROFESSIONAL LOAFERS CLUB Monday-Friday  
 1500 1400 7268.5 WBCCI RV SERVICE ROCKY MOUNTAINS HOUR 2 Monday-  
 Friday  
 1500 1400 7274 NEW JERSEY MASONIC Saturday  
 1500 ---- 7274 QUARTER CENTURY WIRELESS ASSOCIATION FLORIDA SSB  
 Wednesday [Various Florida QCWA chapters]  
 1500 1400 7275 OLD GEAR AND JUNK AMPLIFIER BUILDERS (Central US)  
 Saturday [Traders\swap]  
 1500 1400 7283 EAA RAGCHEW NETWORK (Wisconsin) Saturday  
 [Experimental Aircraft Association]  
 ---- 1400 14245 BILL BENNETT FAMILY HOUR DX Daily  
 1500 1400 14257 OLD CHINA HANDS Monday, Thursday  
 1500 1400 14263 QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 33  
 (Pennsylvania, New Jersey) Daily [Gunderson Penn-  
 Jersey Chapter]  
 1500 1400 14265 SATERN Monday-Friday  
 1500 1400 14265 SATERN-SAROF (Central US) Saturday  
 1500 1400 14270 OLD FRIENDS Sunday [Resumes after GE Net]  
 1500 1400 14278 SNOWBIRD (Florida) Daily  
 1500 1400 14280 INTERNATIONAL ASSOCIATION OF AIRLINE HAMS Sunday,  
 Wednesday, Thursday  
 1500 1400 14282 FAA RETIREES Monday  
 1500 ---- 14282 FIRAC INTERNATIONAL RAILROAD Wednesday  
 1500 1400 14287 INTERNATIONAL HANDICAPPERS Monday-Friday  
 1500 ---- 14290 ROYAL AIR FORCE AMATEUR RADIO SOCIETY Wednesday  
 1500 1400 14295 OMIK AMATEUR ELECTRONICS COMMUNICATIONS ASSOCIATION  
 Sunday  
 1500 1400 14307.5 AMATEUR RADIO MISSIONARY SERVICE TRANSCONTINENTAL  
 EARLY BIRD Monday-Saturday  
 1500 1400 14308 MEDICAL AMATEUR RADIO COUNCIL Sunday [Grand Rounds]  
 1500 1400 14310 OTTAWA GROUP Monday-Friday [Informal]  
 1500 ---- 14316 UNITED STATES FOREIGN SERVICE Sunday [Session 1]  
 1500 1400 14345 70 CENTIMETER AND ABOVE EME Saturday-Sunday  
 1500 1400 21340 STAR Tuesday  
 1500 1400 21407.5 BELL TELEPHONE LABORATORIES RETIREES Thursday  
 1500 1400 28305 TREASURE COAST (Florida) Daily  
 1500 1400 28340 STARS TEN METER (Hamburg New York) Sunday [South  
 Towns Amateur Radio Society]  
 1500 1400 28357 NEW JERSEY 10 METER Sunday

---- 1400 28359 ODD FELLOW AMATEUR RADIO CLUB Saturday-Sunday  
 [Odd Fellow Brothers and Rebecka Sisters]  
 1500 1400 28420 MIDDLE EAST TENNESSEE EMERGENCY RADIO SERVICE ARES  
 Sunday  
 ---- 1400 28577 PANHELLENIC AMATEUR RADIO FEDERATION Daily  
 1500 1400 28747 FLYING BOAT AMATEUR RADIO SOCIETY Monday, Thursday  
 [Registered with ARRL but not mentioned on the Flying  
 Boat web site] [See 2000\1900 14255 for more!]  
 1500 1400 28730 SCARBOROUGH AMATEUR RADIO CLUB (Toronto) Sunday  
 ---- 1415 3968 SONRISA MARITIME (Western US, Mexico) Daily [English,  
 Spanish]  
 1515 1415 7228 MERCURY AMATEUR RADIO ASSOCIATION (Western US)  
 Saturday [Western Alpha]  
 1515 1415 7262 TOMMY`S RAGCHEW (Eastern US) Saturday  
 1530 1430 3750 ALBERTA ARES Sunday  
 1530 1430 3873 MERCURY AMATEUR RADIO ASSOCIATION (Utah) Saturday  
 1530 1430 3890 FLEET RADIO UNIT PACIFIC (Western US) Daily  
 1530 1430 3905 SEMO (Southeast Missouri) Sunday  
 1530 1430 3917 QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 28  
 (New York) Sunday [Central New York Chapter]  
 1530 1430 3923 QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 149  
 (Connecticut) Sunday [Nutmeg Chapter]  
 1530 1430 3933 QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 64  
 (Texas, New Mexico) Saturday [El Paso Chapter]  
 1530 1430 3955 ADVENTIST AMATEUR RADIO ASSOCIATION (Northwest US)  
 Daily  
 1530 1430 3955 QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 157  
 (Colorado, Wyoming) Sunday [Pony Express Chapter]  
 [Not in current QCWA net list]  
 1530 1430 3959 3959 GROUP (Western US) Daily [Informal]  
 1530 1430 3972.5 OHIO SSB TRAFFIC Daily  
 1530 1430 7294 CHUBASCO MARITIME (Western US) Daily  
 1530 1430 14173 CHESAPEAKE CHAT NAUTICAL (Eastern US) Monday-Friday  
 1530 1430 14265 COURAGE HANDI-HAMS Monday [Time approximate; follows  
 SATERN]  
 1530 1430 14287 DARF-UCAN Saturday [Disciples Amateur Radio  
 Federation and United Church Amateur Network]  
 1530 1430 14307.5 AMATEUR RADIO MISSIONARY SERVICE TRANSCONTINENTAL  
 Monday-Saturday  
 1530 1430 14310 OVER THE HILL GANG Monday-Friday [Informal]  
 1530 1430 14342 DARF-UCAN Tuesday [Disciples Amateur Radio  
 Federation and United Church Amateur Network]

1530	----	21290	ROYAL AIR FORCE AMATEUR RADIO SOCIETY Wednesday
1530	1430	21355	FLYING BOAT AMATEUR RADIO SOCIETY Monday-Thursday [Registered with ARRL but not mentioned on the Flying Boat web site] [See 2000\1900 14255 for more!]
----	1430	21360	ROYAL NAVY AMATEUR RADIO SOCIETY Saturday-Sunday
1530	----	21416	UNITED STATES FOREIGN SERVICE Sunday [Session 2]
----	1430	28330	TEN METER DX Daily
1530	1430	28350	FOUR LAKES AMATEUR RADIO CLUB (Wisconsin) Sunday
----	1430	28933	ROYAL NAVY AMATEUR RADIO SOCIETY Saturday-Sunday
----	1445	3870	THE GREAT NORTHERN BOATERS (Northwest US)
1545	----	3990	ARIZONA RACES Sunday
1545	----	3995	TUCSON-PIMA COUNTY RACES (Arizona) Sunday
1545	1445	7228	EMERGENCY RESPONSE RADIO SYSTEM (Western US) Saturday before 1st Sunday
----	1445	14328	ADVENTIST AMATEUR RADIO ASSOCIATION Sunday
1545	1445	28330	MOTORCYCLING AMATEUR RADIO CLUB (California) Saturday-Sunday
1600	1500	3855	NORTH COAST EMERGENCY (California) Sunday
1600	1500	3870	CALIFORNIA EARLY BIRD Saturday [AM]
1600	1500	3900	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 130 (California) Friday-Saturday [Inland Empire Chapter]
1600	1500	3905	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 58 (Colorado) Sunday [Colorado Chapter]
1600	1500	3910	MISSOULA AREA EMERGENCY (Montana) 2nd, 4th Sunday
1600	1500	3913	MINOW (Northwest US) Friday [Montana, Idaho, Nevada, Oregon and Washington Young Ladies]
1600	1500	3923	WYOMING ARES-RACES Sunday
1600	1500	3925	CLEARING HOUSE (Northeast US) Daily
1600	1500	3926	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 108 (Oregon) Wednesday [Beaver State Chapter]
1600	----	3933	YL CACTUS KEYS (Arizona) Thursday
----	1500	3933	YL COFFEE CUP (Arizona) Tuesday
1600	1500	3933	YL FLORIDORAS (Southeast US) Tuesday
----	1500	3937	NORTH DAKOTA WEATHER Monday-Saturday [7232a]
1600	1500	3947	MONTANA RACES 1st, 3rd Sunday
1600	1500	3953	MICHIGAN AMATEUR COMMUNICATIONS SYSTEM Daily
1600	1500	3955	EMPIRE STATE MASONIC (New York) Saturday
1600	1500	3960	807 CLUB (Wisconsin) Sunday
1600	1500	3965	ALABAMA DAY Daily [7243a]
1600	1500	3965	ARRL SOUTHWESTERN DIVISION SECTION MANAGER (California, Arizona) Sunday
1600	1500	3965	ODD FELLOW AMATEUR RADIO CLUB (California) Sunday

[Odd Fellow Brothers or Rebecka Sisters]

1600 1500 3965 RURAL AMATEUR RADIO ASSOCIATION EARLY BIRD (Nevada) Saturday

1600 1500 3980 ARRL OREGON SECTION Saturday

---- 1500 3990 ARIZONA EMERGENCY Sunday

1600 1500 3990 MILITARY RADIO COLLECTORS (Western US) Saturday [AM]

1600 1500 3990 OREGON WEATHER Daily

1600 1500 7063 LONDON AMATEUR RADIO CLUB INFORMATION AND HELP (Ontario) Sunday

1600 1500 7080 PEEL AMATEUR RADIO CLUB (Toronto) Sunday

---- 1500 7200 INTERNATIONAL POLICE ASSOCIATION RADIO CLUB (Eastern US) Monday, Wednesday, Friday

1600 1500 7230 CLEARING HOUSE (Northeast US) Daily

1600 1500 7238 BAJA CALIFORNIA MARITIME Daily

1600 1500 7240 LOS ANGELES SHRINE HOSPITAL (California) Sunday

1600 1500 7260 HYE ARARAT (ARMENIAN AMATEUR RADIO AND TRAFFIC) (Eastern US) Saturday

1600 1500 7260 WYOMING ARES-RACES Sunday

1600 1500 7265 SATERN-SAROF (Midwest US) Saturday

1600 1500 7268.5 WBCCI RV SERVICE (Pacific Coast) Monday-Friday

---- 1500 7274 QUARTER CENTURY WIRELESS ASSOCIATION FLORIDA SSB Wednesday [Various Florida QCWA Chapters]

---- 1500 7275 THE GREAT NORTHERN BOATERS (Northwest US) Daily

1600 1500 7290 7290 TRAFFIC (Central US) Monday-Saturday

1600 ---- 14173 CANADA DX Sunday

1600 ---- 14180 ROYAL SIGNALS AMATEUR RADIO SOCIETY Tuesday-Friday

1600 ---- 14204 SETI LEAGUE Saturday, Sunday

1600 ---- 14227.5 3905 CENTURY CLUB INC. CASUAL Monday [Not good for CCN awards]

1600 1500 14262 DIAMOND STATE-DELAWARE Monday-Friday

---- 1500 14282 FIRAC INTERNATIONAL RAILROAD Wednesday

1600 1500 14290 HONEYWELL Saturday

---- 1500 14290 ROYAL AIR FORCE AMATEUR RADIO SOCIETY Wednesday

1600 ---- 14293 NORTHEAST Daily

1600 1500 14297 BELL TELEPHONE LABORATORIES RETIREES Thursday

1600 1500 14308 AIR FORCE FLYERS Sunday

---- 1500 14316 UNITED STATES FOREIGN SERVICE Sunday [Session 1]

1600 1500 14319 KÖTTBULLSNÄTET ``SWEDISH MEATBALL`` Sunday [Swedish language hams] [VE3OBU Ontario]

1600 1500 14319 SURSTRÖMMINGSNÄTET ``FERMENTED HERRING`` Saturday [Swedish language hams] [TI2HEJ Costa Rica]

1600 ---- 14325 MICROCOMPUTER NETWORK Sunday

1600 ---- 14327 INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS

## Saturday

1600	1500	14328	MASONIC FELLOWSHIP Monday-Friday
1600	1500	14332	YLISSB FORMAL SESSION Daily
1600	1500	14340	MOTORCYCLING AMATEUR RADIO CLUB (California) Sunday
1600	1500	14345	TWO METER EME Saturday-Sunday [Time approximate after 70 CENTIMETER AND ABOVE]
1600	----	21380	INTERNATIONAL ASSOCIATION OF AIRLINE HAMS Thursday
1600	1500	21446	MASONIC Sunday
1600	----	28380	10-10 INTERNATIONAL Daily
1600	1500	28390	COURAGE HANDI-HAMS Monday
1600	----	28400	UNITED INTERNATIONAL NEIGHBORHOOD Daily
1600	----	28416	UNITED STATES FOREIGN SERVICE Sunday [Session 3]
1615	1515	3924	SAN DIEGO NORTHERN DISTRICT ARES (California) Sunday
1630	1530	3865	NORTHWEST BOATERS (Western US) Daily [Port Ludlow Yacht Club] [Not sure if net meets in winter]
1630	1530	3900	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 95 (New York) Sunday [Eastern New York Chapter] [Not in current QCWA net list]
1630	1530	3917	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 81 (New York) Sunday [Long Island Chapter]
1630	1530	3933	IMPERIAL COUNTY ARES (California) Sunday
1630	1530	3945	RIVERSIDE COUNTY ARES-RACES (California) Sunday
1630	1530	3947	ROCK RIVER AMATEUR RADIO CLUB (Wisconsin) Saturday
1630	1530	3965	MANCORAD (Wisconsin) Sunday [Manitowoc County Radio Club] [Registered with the ARRL but not mentioned on the MANCORAD web site]
1630	1530	3965	NEVADA ARES Saturday
1630	1530	7228	WESTERN SHRINE ASSOCIATION (Western US) Tuesday [Informal other days]
1630	1530	7265	SATERN (Central US) Saturday
1630	1530	7268.5	SAM`S RADIO HAMS PRE-NET (Western US) Sunday [Recreational vehicles]
1630	1530	7277	ROCK RIVER AMATEUR RADIO CLUB (Wisconsin) Saturday
1630	1530	7280	ARRL REGION 5 TRAFFIC (Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, Texas) Monday- Saturday [Cycle 2]
1630	1530	7280	NEVADA SECTION ARES Saturday
1630	1530	14250	CLAMDIGGERS Daily
1630	1530	14262	BUCKEYE Monday-Friday
1630	1530	14243	SUBMARINE VETERANS AMATEUR RADIO ASSOCIATION Monday- Saturday [Time is as given on the group`s Yahoogroups site but ARRL registrations has it daily at

1700\1600]

1630	1530	14283	PEARL HARBOR SURVIVORS Tuesday, Thursday
1630	1530	14310	PJ GROUP Monday-Friday
1630	1530	14310	INTERNATIONAL SHRINE Saturday
1630	----	14340	CALIFORNIA-HAWAII MARITIME Monday-Friday
1630	----	18157.5	HFPACK Saturday-Sunday
----	1530	21290	ROYAL AIR FORCE AMATEUR RADIO SOCIETY Wednesday
----	1530	21416	UNITED STATES FOREIGN SERVICE Sunday [Session 2]
1630	1530	21442	COURAGE HANDI-HAMS Monday
1645	1545	3913	SAN DIEGO ARES SOUTHERN DISTRICT Sunday
1645	1545	3925	SAN DIEGO ARES EASTERN DISTRICT Sunday
----	1545	3990	ARIZONA RACES Sunday
----	1545	3995	TUCSON-PIMA COUNTY RACES (Arizona) Sunday
1645	1545	7228	CHAVERIM (Western US, Mexico) Sunday
1645	1545	7235	WEST VIRGINIA MIDDAY Daily
1645	1545	7242	FLORIDA MIDDAY Daily
1645	1545	7273	FRICK AND FRACK (Western US) Monday-Saturday [Sam`s Radio Hams] [Recreational vehicles]
1700	1600	1845	FLORIDA AMATEUR RADIO TRANSMITTING SOCIETY Daily
1700	1600	3854	COASTSIDE AMATEUR RADIO CLUB (Pacifica California) Saturday [7227.5a]
1700	1600	3905	SAN DIEGO COUNTY ARES (California) Sunday
1700	1600	3921	UPPER PENINSULA (Michigan) Sunday
1700	1600	3925	WASHINGTON COUNTY EMERGENCY (Ohio) Sunday
1700	1600	3930	LUNCH BUNCH (Southeast US) Monday-Saturday
----	1600	3933	YL CACTUS KEYS (Arizona) Thursday
1700	1600	3965	ORANGE SECTION ARES (California) Sunday
1700	1600	3965	WASHINGTON STATE EMERGENCY Saturday
1700	1600	3970	NEW JERSEY MASONIC Tuesday-Thursday
1700	1600	3990	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 17 (Pennsylvania) Sunday [Allentown, Bethlehem and Easton Chapter]
1700	1600	3993.5	OREGON SECTION EC ROUNDTABLE Saturday
1700	1600	7063	LONDON AMATEUR RADIO CLUB SWAP (Ontario) Sunday
1700	1600	7168	ORLO GROUP (Southern California) Wednesday, Saturday
1700	----	7175	INTERNATIONAL POLICE ASSOCIATION RADIO CLUB (Eastern, Central US) Friday
1700	1600	7244	ANTIQUA WIRELESS ASSOCIATION (Southeast US) Sunday
1700	1600	7244	TAHOE INTERSTATE EMERGENCY (Western US) Thursday
1700	1600	7250	SATERN (Western US) Saturday
1700	1600	7251	SOUTH COAST AMATEUR RADIO SERVICE ``SOUTHCARS`` Daily [Afternoon session]

1700	1600	7258	TIN CAN SAILORS (Western US) Wednesday
1700	1600	7265	SATERN (Eastern US) Saturday
1700	1600	7268.5	SAM`S RADIO HAMS (Western US) Sunday [Recreational vehicles]
1700	----	14120	CLARA (Canada) Tuesday
----	1600	14173	CANADA DX Sunday
----	1600	14180	ROYAL SIGNALS AMATEUR RADIO SOCIETY Tuesday-Friday
----	1600	14204	SETI LEAGUE Saturday-Sunday
----	1600	14227.5	3905 CENTURY CLUB INC. CASUAL Monday [Not good for CCN awards]
1700	1600	14250	AIR RINK Wednesday [Name tentative; ARINC?]
1700	1600	14260	ARMENIAN AMATEUR RADIO AND TRAFFIC Saturday
1700	1600	14283	UNITED STATES NAVY RADIOMAN ASSOCIATION Tuesday, Thursday
1700	----	14287	UNITED STATES POWER SQUADRON-CANADIAN POWER AND SAILS SQUADRON Saturday
1700	1600	14290	WEST VIRGINIA HILLBILLY Sunday
----	1600	14293	NORTHEAST Daily
1700	1600	14300	UNITED STATES COAST GUARD AMATEUR RADIO CLUB Saturday [14313a]
1700	1600	14300	MARITIME MOBILE SERVICE Sunday-Friday [14313a]
1700	1600	14307.5	WBCCI RV SERVICE Monday-Friday
1700	----	14316	ICOM USERS Sunday
----	1600	14325	MICROCOMPUTER NETWORK Sunday
----	1600	14327	INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS Saturday
1700	1600	14328	ELKS Monday-Friday
1700	----	14342.5	HFPACK Saturday-Sunday
1700	----	18140	NARTE Saturday [National Association of Radio Telecommunications Engineers]
1700	----	21360	OMISS Saturday, Sunday [Also Monday if legal holiday]
----	1600	21380	INTERNATIONAL ASSOCIATION OF AIRLINE HAMS Thursday
1700	----	21410	INTERNATIONAL POLICE ASSOCIATION RADIO CLUB Sunday, Wednesday [14240a]
1700	----	21410	INTERNATIONAL POLICE ASSOCIATION RADIO CLUB (Canada) Saturday [14240a]
1700	----	28355	INTERNATIONAL POLICE ASSOCIATION RADIO CLUB Tuesday
----	1600	28380	10-10 INTERNATIONAL Daily
----	1600	28400	UNITED INTERNATIONAL NEIGHBORHOOD Daily
----	1600	28416	UNITED STATES FOREIGN SERVICE Sunday [Session 3]
1715	1615	3905	SAN DIEGO CENTRAL DISTRICT ARES (California) Sunday
1715	1615	7234	FLEET RADIO UNIT PACIFIC (Eastern US) Daily

1730	1630	3735	CAPE BRETON (Atlantic Region Canada) Sunday
1730	1630	3900	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 29 (New York) Sunday [Finger Lakes Chapter]
1730	1630	3907	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 11 (California) Sunday [Northern California Chapter]
1730	1630	7233	SAN DIEGO SECTION ARES (California) Sunday
1730	1630	7237	ARRL REGION 8 TRAFFIC (Michigan, Ohio, West Virginia) [3865a] [Cycle 2]
1730	1630	14245	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 107 (Florida) Thursday [Central Florida Chapter]
1730	1630	14290	HAAM-FRIENDS OF BILL W (Eastern US) Saturday
1730	1630	14292	ALASKA PACIFIC Monday-Friday
1730	1630	14320	ILLINI Daily
----	1630	14340	CALIFORNIA-HAWAII MARITIME Monday-Friday
1730	1630	14340	HAAM-FRIENDS OF BILL W (Western US) Sunday
----	1630	18157.5	HFPACK Saturday-Sunday
1730	----	21350	FAMILY HOUR DX Daily
1745	1645	7238	ARRL REGION 7 TRAFFIC (Alberta, Alaska, British Columbia, Idaho, Montana, Oregon, Washington) Daily [3925a] [Cycle 2]
1745	1645	7250	MANCORAD (Wisconsin) Sunday [Manitowoc County Radio Club]
1800	1700	1945	SAN DIEGO SECTION ARES (California) Sunday
1800	1700	3720	ATLANTIC REGION COMPUTER (Eastern Canada) Saturday
1800	1700	3805	SUNPARLOR AMATEUR RADIO CLUB (Leamington Ontario) Sunday
1800	1700	3853	PRO`S (Western New York) Saturday
1800	1700	3907	VIRGINIA TRAFFIC Daily
1800	1700	3925	NEW YORK PHONE Daily [If not on 7237]
1800	1700	3925	WASHINGTON COUNTY INFORMATION (Ohio) Sunday
1800	1700	3953	MICHIGAN AMATEUR COMMUNICATIONS SYSTEM Daily
1800	1700	3965	RURAL AMATEUR RADIO ASSOCIATION (Nevada) Saturday
1800	1700	3985	BADGER EMERGENCY (Wisconsin) Daily
1800	1700	3987.5	GEORGIA TRAFFIC Monday-Saturday
----	1700	7175	INTERNATIONAL POLICE ASSOCIATION RADIO CLUB (Eastern, Central US) Friday
1800	1700	7183.5	HOTLINE (Eastern US) Wednesday
1800	1700	7237	NEW YORK PHONE Daily [If not on 3925]
1800	1700	7260	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 75 (California) Saturday [Central California Coast Chapter]



1800	1700	7260	VIRGINIA TRAFFIC Daily
1800	1700	7262	SPARCYL Monday-Friday
1800	1700	7263	SACRAMENTO BEN ALI SHRINE (California) Saturday
1800	----	7270	WIRELESS SET NO. 19 (Canada) 2nd Sunday
1800	1700	7272	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 160 (Utah) Saturday [Utah Chapter]
1800	1700	7277	GENERAL MOTORS FIREBIRD AMATEUR RADIO CLUB (Midwest US) Monday-Saturday
1800	1700	7280	HALLICRAFTERS COLLECTORS (Eastern US) Saturday
----	1700	14120	CLARA (Canada) Tuesday
1800	1700	14190	DAYTON Monday, Wednesday, Friday [ARRL registrations gives 14192 but I always hear them on 14190]
1800	----	14222	BRAZIL DX Saturday-Sunday
1800	1700	14243	FLEET RADIO UNIT PACIFIC Daily
1800	1700	14252	INTERNATIONAL WHITE CANE (Canada) Tuesday
1800	1700	14270	AMATEUR RADIO UFO INTERNATIONAL Tuesday, Saturday
1800	----	14285	ROTARY AMATEUR RADIO CLUB TRANSCONTINENTAL Sunday
----	1700	14287	US POWER SQUADRON-CANADIAN POWER-SAILS SQUADRON Saturday
1800	----	14287	VETERANS ADMINISTRATION Monday-Friday
1800	1700	14290	OMISS Monday-Saturday
1800	1700	14298	YL TANGLE Thursday
1800	1700	14309	MINOW (Northwest US) Tuesday [Montana, Idaho, Nevada, Oregon and Washington YLs]
----	1700	14316	ICOM USERS Sunday
1800	1700	14327	UNITED STATES COAST GUARD AMATEUR RADIO CLUB Saturday
1800	1700	14328	ADVENTIST AMATEUR RADIO ASSOCIATION Monday, Wednesday, Friday
----	1700	14342.5	HF PACK Saturday-Sunday
----	1700	18140	NARTE Saturday [National Association of Radio Telecommunications Engineers]
1800	----	21355	AFRICANA DX Monday-Friday
1800	----	21390	HALO (Western hemisphere) [English, Spanish] [Amateur Radio Missionary Service] [Occasional check ins from HCJB staff in Quito Ecuador]
----	1700	21410	INTERNATIONAL POLICE ASSOCIATION RADIO CLUB Sunday, Wednesday [14240a]
----	1700	21410	INTERNATIONAL POLICE ASSOCIATION RADIO CLUB (Canada) Saturday [14240a]
----	1700	28355	INTERNATIONAL POLICE ASSOCIATION RADIO CLUB Tuesday
1800	1700	28357	UNITED STATES POWER SQUADRON 1st Saturday
1800	----	28433	YL ROSES Monday

1800	1700	28470	YOUTH (California) Saturday
1800	----	28665	OMISS Saturday-Sunday, and Monday if legal holiday]
1800	1700	29050	COLLINS COLLECTORS ASSOCIATION (Central US) Sunday [AM]
1805	1705	3860	MINNESOTA PHONE Daily
1805	1705	7280	MISSOURI HAM BUTCHERS Monday-Friday
1815	1715	3870	SOUTH DAKOTA NJQ Monday-Saturday
----	1715	14240	WEST VALLEY VACATION (Western US) Monday-Friday [Mid- May to mid October]
1815	1715	14292	HALLICRAFTERS COLLECTORS Sunday
1830	1730	3900	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 65 (New York) Sunday [Niagara Frontier Chapter]
1830	1730	3937	NORTH DAKOTA WEATHER Monday-Saturday
1830	1730	3970	IOWA 75 Monday-Saturday
1830	1730	3975	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 9 (Ohio) Sunday [Southwest Ohio Chapter]
1830	1730	3980	NEBRASKA CORNHUSKER Daily
1830	1730	7165	KÅLDOMSNÄTT Monday, Friday [Swedish language hams] [Informal]
1830	1730	7230	OLD OLD TIMERS CLUB (Eastern US) Thursday
1830	1730	7232	NORTH DAKOTA WEATHER Monday-Saturday
1830	1730	7236	FLORIDA SHRINE AMATEUR RADIO SOCIETY Sunday
1830	1730	7253.5	CENTRAL STATES TRAFFIC Monday-Saturday
1830	1730	7283	ARRL REGION 9 TRAFFIC (Illinois, Indiana, Kentucky, Wisconsin) Daily [Cycle 2]
1830	----	14132	ROYAL NAVY AMATEUR RADIO SOCIETY (Canada) Sunday
1830	----	14263	FAMILY MOTOR COACH YL Daily
1830	----	14340	MANANA MARITIME EARLY BIRD (Western US) Monday- Saturday
1830	1730	14345	PACIFIC AREA TRAFFIC (ARRL Regions 6, 7, 12) Daily [7295a] [Cycle 1]
----	1730	21350	FAMILY HOUR DX Daily
1845	1745	3948	ARRL REGION 1 TRAFFIC (New England) Daily [Cycle 2]
1845	1745	7237	ARRL REGION 2 TRAFFIC (New Jersey, New York) Daily [3925a] [Cycle 2]
1845	1745	7240	SWAPCARS (Western US) Saturday-Sunday [Traders]
1845	1745	7243	ARRL REGION 4 TRAFFIC (Florida, Georgia, North Carolina, Puerto Rico, South Carolina, Virginia, Virgin Islands) Daily [Cycle 2]

1900	1800	1945	SAN DIEGO COUNTY ARES (California) Sunday
1900	----	3860	HAWAII FRIENDLY Daily
1900	1800	3870	SOUTH DAKOTA NJQ Sunday
1900	1800	3907	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 90 (Arkansas) Sunday [Arkansas Chapter] [Not in current QCWA net list but is registered with the ARRL] [May be inactive]
1900	1800	3910	MICHIGAN MASONIC FELLOWSHIP Sunday
1900	1800	3925	NORTHWEST SHRINE Friday
1900	1800	3953	SCHENECTADY COUNTY EMERGENCY (New York) Sunday
1900	1800	3985	WISCONSIN NEWDXA Saturday
1900	1800	7150	ONTARIO ARES Sunday
1900	1800	7230	OLD OLD TIMERS CLUB (Northeast US) Thursday
1900	1800	7233	MICHIGAN MASONIC Sunday
1900	1800	7234	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 7 (California) Sunday [Southern California Chapter]
1900	1800	7235	SWAN USERS (Eastern US) Saturday
1900	1800	7235	YL WEST COAST ROUND TABLE Friday
1900	1800	7240	COLORADO HIGH NOON Daily
1900	1800	7265	YONKERS AMATEUR RADIO CLUB (Eastern US) Wednesday
----	1800	7270	WIRELESS SET NO. 19 (Canada) 2nd Sunday
1900	1800	7282	NEBRASKA 40 Daily
1900	1800	7290	DX-60 (Eastern, Midwest US) Sunday [AM]
1900	1800	7290	7290 TRAFFIC (Central US) Monday-Friday
1900	----	14125	CANADIAN RED CROSS (Canada) Sunday
----	1800	14222	BRAZIL DX Saturday-Sunday
1900	1800	14240	GOOD SAM RV Sunday
1900	1800	14240	STARGAZER GROUP (Western US) Saturday-Sunday
1900	----	14263	FAMILY MOTOR COACH Daily
1900	1800	14280	INTERNATIONAL MISSION RADIO ASSOCIATION Monday- Friday
1900	----	14282	AMSAT INTERNATIONAL Sunday
----	1800	14285	ROTARY AMATEUR RADIO CLUB TRANSCONTINENTAL Sunday
1900	1800	14288	YL OPEN HOUSE Wednesday
1900	----	14293	CHRISTIAN AMATEUR RADIO FELLOWSHIP Saturday
1900	----	14305	CONFUSION (Western US) Monday-Friday [Maritime]
1900	----	14317	AMERICAN MADE EQUIPMENT (Kentucky) Sunday
1900	----	14326.5	SUNLIFE-HOLIDAY HAMS RV CLUB Monday, Wednesday, Friday
1900	----	14320	ROYAL NAVY AMATEUR RADIO SOCIETY DX Sunday
1900	----	14340	MANANA MARITIME (Western US) Monday-Saturday
1900	----	14347	EX-G WORLDWIDE RADIO CLUB Sunday
1900	----	18147.5	3905 CENTURY CLUB INC. CASUAL Sunday [Not good for

## CCN awards]

1900	----	18165	OMISS Saturday, Sunday
1900	----	21280	AMSAT INTERNATIONAL Sunday [Currently inactive]
----	1800	21355	AFRICANA DX Monday-Friday
1900	1800	21375	ARMORED FORCE Daily [14325a]
----	1800	21390	HALO (Western hemisphere) Daily [English, Spanish] [Amateur Radio Missionary Service] [Occasional check ins from HCJB staff in Quito Ecuador]
1900	----	28395	BLESSINGS FOR OBEDIENCE MISSIONARY Sunday
----	1800	28433	YL ROSES Monday
----	1800	28665	OMISS Saturday-Sunday, and Monday if legal holiday
1915	1815	7260	WYOMING JACKALOPE Monday-Saturday
1930	1830	3942	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 134 (Maine) Sunday [Pine Tree Chapter]
1930	1830	3975	TEXAS DISTRICT 32 RACES 1st, 3rd, 5th Sunday [7248a]
1930	1830	3993.5	DAYTIME OREGON SECTION Daily [7228a]
1930	1830	7235	CHAUVERIM (Western US, Mexico) Tuesday-Friday
1930	1830	7235	CHAUVERIM SWAP (Western US, Mexico) Monday
1930	1830	7243	EASTERN AREA TRAFFIC (ARRL Regions 1-4, 8, 11) Monday-Friday [Cycle 2]
1930	1830	7260	MISSISSIPPI BAPTIST Sunday
1930	1830	7272	BEEHIVE (Utah) Daily
----	1830	14132	ROYAL NAVY AMATEUR RADIO SOCIETY (Canada) Sunday
----	1830	14263	FAMILY MOTOR COACH YL Daily
1930	1830	14274	ANTIQUÉ WIRELESS ASSOCIATION Tuesday
1930	----	14287	MERCURY AMATEUR RADIO ASSOCIATION Monday, Wednesday, Friday
----	1830	14340	MANANA MARITIME EARLY BIRD (Western US) Monday- Saturday
1945	1845	7277.5	ARRL REGION 10 TRAFFIC (Iowa, Kansas, Manitoba, Minnesota, Missouri, Nebraska, North Dakota, Saskatchewan, South Dakota) Daily [Cycle 2]
2000	1900	3745	CANADIAN BOATANCHOR (Eastern Canada) Saturday [AM]
2000	1900	3770	ONTARIO YL TRILLIUMS Saturday
----	1900	3860	HAWAII FRIENDLY Daily
2000	1900	3865	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 30 (West Virginia) 1st Sunday [South Charleston Chapter]
2000	1900	3875	OHIO RACES Sunday
2000	1900	3922	3 PMERS (Northeast US) Monday-Saturday
2000	1900	3970	NOON TIME (Northwest US) Daily

2000	1900	3977	GENERAL MOTORS FIREBIRD AMATEUR RADIO CLUB (Midwest US) Sunday
2000	----	7228	MERCURY AMATEUR RADIO ASSOCIATION (Northwest US) Daily
2000	1900	7232	JEFFERSON NOON (Northern California, Southern Oregon) Daily [Sojourners] [3987a]
2000	1900	7238	40 METER DRAKE TECHNICAL (Eastern US) Sunday
2000	1900	7240	TRIPLE STATES CHAT (Eastern US) Sunday
2000	1900	7248	TEXAS RACES 2nd, 4th Sunday
2000	1900	7255	WEST COAST AMATEUR RADIO SERVICE Daily
2000	1900	7268	AFTERNOON 68 GROUP [W9WHT] Daily
2000	1900	7268.5	NOON TIME (Western US) Daily
2000	1900	7270	HANDICAPPED INFORMATION (Central US) Monday-Friday
2000	1900	7275	OKLAHOMA BAPTIST DISASTER RELIEF Sunday
2000	1900	7290	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 207 (Dallas Texas) Saturday-Sunday [New Old Stock Chapter] [Not in current QCWA net list but given on their yahoogroups web site] [AM]
----	1900	14125	CANADIAN RED CROSS (Canada) Sunday
2000	----	14247	14247 DX Daily [QSL Info session]
2000	----	14252	14252 DX Daily
2000	1900	14255	FLYING BOAT AMATEUR RADIO SOCIETY Sunday, Wednesday [This is the only net mentioned on the Flying Boat web site, which is maintained by net manager AB4FK; but at least one web site claims that AB4FK became a silent key in April 2001!]
2000	----	14263	COLLINS USERS Sunday
----	1900	14263	FAMILY MOTOR COACH Daily
2000	1900	14277	PANHELLENIC Daily
2000	----	14290	ROYAL NAVY AMATEUR RADIO SOCIETY Sunday
2000	1900	14292.5	VINTAGE SINGLE SIDEBAND Sunday [Users Net]
----	1900	14293	CHRISTIAN AMATEUR RADIO FELLOWSHIP Saturday
----	1900	14305	CONFUSION (Western US) Monday-Friday {Maritime}
2000	1900	14305	NAZARENE AMATEUR RADIO FELLOWSHIP Saturday
2000	1900	14308	TUSKEGEE AIRMEN Sunday
----	1900	14317	AMERICAN MADE EQUIPMENT (Kentucky) Sunday
----	1900	14320	ROYAL NAVY AMATEUR RADIO SOCIETY DX Sunday
----	1900	14326.5	SUNLIFE-HOLIDAY HAMS RV CLUB Monday, Wednesday, Friday
----	1900	14340	MANANA MARITIME (Western US) Monday-Saturday
2000	1900	14343	ASIATIC FLEET NAVY Monday, Thursday
----	1900	14347	EX-G WORLDWIDE RADIO CLUB Sunday
2000	----	14347	QUARTER CENTURY WIRELESS ASSOCIATION Sunday

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---- 1900 18147.5 3905 CENTURY CLUB INC. CASUAL Sunday [Not good for
      CCN awards]
---- 1900 18165   OMISS Saturday-Sunday
---- 1900 21280   AMSAT INTERNATIONAL Sunday [Currently inactive]
2000 1900 21380   NAZARENE AMATEUR RADIO FELLOWSHIP Sunday
2000 ---- 21405   ADVENTIST AMATEUR RADIO ASSOCIATION Sunday
---- 1900 28395   BLESSINGS FOR OBEDIENCE MISSIONARY Sunday

2030 1930 3948   ARRL REGION 1 TRAFFIC (New England) Daily [Cycle 2]
2030 1930 7243   ARRL REGION 4 TRAFFIC (Florida, Georgia, North
      Carolina, Puerto Rico, South Carolina, Virginia,
      Virgin Islands) Daily [Cycle 2]
2030 1930 7272   COURAGE HANDI-HAMS (Midwest US) Monday
---- 1930 14287   MERCURY AMATEUR RADIO ASSOCIATION Monday,
      Wednesday, Friday
2030 ---- 14290   BOY SCOUTS OF AMERICA Sunday
2030 1930 14345   CENTRAL AREA TRAFFIC (ARRL Regions 5, 9, 10) Daily
      [Cycle 2]
2030 1930 21375   FLEET RADIO UNIT PACIFIC Daily
2030 1930 28382   NAZARENE AMATEUR RADIO FELLOWSHIP Sunday

2045 ---- 14177.5 QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 48
      (Florida) Daily [Treasure Coast Chapter] [Not in
      current QCWA net list]

2100 2000 3787   PROFESSIONAL LOAFERS (Quebec) Daily
2100 2000 3865   GEORGIA BAPTIST Sunday
2100 2000 3875   FUTURE (Eastern US) Sunday [AM]
2100 2000 3913   ARRL REGION 3 TRAFFIC (District of Columbia,
      Delaware, Maryland, Pennsylvania) Daily [Cycle 2]
2100 2000 3922   4 PMERS (New England) Monday-Saturday
2100 2000 3925   PICONET (Upper Midwest) Monday-Friday [``Public
      Interest Convenience or Necessity``] [Courage Handi-
      Hams]
2100 2000 3940   MAINE SKIDDER Daily
2100 2000 3942   HOSS TRADERS (Northeast US) Sunday [Some sources
      gives the name as HORSE TRADERS]
2100 2000 3947   VIRGINIA PHONE Daily
2100 2000 3959   ODD FELLOW AMATEUR RADIO CLUB (Ohio) Sunday [Odd
      Fellow Brothers and Rebecka Sisters]
2100 2000 3990   MASONIC Friday
2100 2000 7268   ROTTEN APPLES GROUP AFTERNOON DRIVE Daily [KA9ZHY]
2100 ---- 14247   14247 DX Daily
---- 2000 14247   14247 DX Daily [QSL Info session]

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---- 2000 14253 14252 DX Daily  
 2100 2000 14255 JACK TRAPKIN, HAROLD BECKER MEMORIAL BROADCASTERS  
 Monday-Friday [Retired CBS Engineers Association]  
 2100 2000 14255 TIN CAN SAILORS Sunday  
 ---- 2000 14263 COLLINS USERS Sunday  
 2100 2000 14277 GENERAL MOTORS FIREBIRD AMATEUR RADIO CLUB Sunday  
 2100 2000 14287 ARMY AIRWAYS COMMUNICATIONS Wednesday, Friday  
 2100 2000 14289.5 MENNOW Sunday [Provides services and support for  
 Mennonite Disaster Services]  
 ---- 2000 14290 ROYAL NAVY AMATEUR RADIO SOCIETY Sunday  
 2100 2000 14297 INTERNATIONAL TESLA SOCIETY Saturday  
 2100 2000 14305 NAZARENE AMATEUR RADIO FELLOWSHIP Sunday  
 2100 2000 14307.5 AVION HAM RADIO CLUB, AVION TRAVELCADE CLUB Monday,  
 Wednesday, Friday  
 2100 2000 14310 NAVY FOUR STACK CRUISERS Friday  
 2100 2000 14325 INFORMAL (New England) Wednesday  
 2100 2000 14327 MARANATHA (Georgia) Saturday [Remnants Hope Ministry]  
 [Anti-Brother Stair]  
 2100 2000 14328 INTERNATIONAL SHRINE Sunday  
 ---- 2000 14347 QUARTER CENTURY WIRELESS ASSOCIATION Sunday  
 2100 ---- 18140 NARTE Sunday [National Association of Radio  
 Telecommunications Engineers]  
 2100 ---- 21330 BLESSINGS FOR OBEDIENCE MISSIONARY Sunday  
 2100 ---- 21365 BLESSINGS FOR OBEDIENCE MISSIONARY Saturday  
 2100 2000 21370 QUAD SQUAD (Western US) Saturday [NR6H] [21361a]  
 [Cubical Quad antenna users]  
 ---- 2000 21405 ADVENTIST AMATEUR RADIO SOCIETY Sunday  
 2100 2000 21377 GENERAL MOTORS FIREBIRD AMATEUR RADIO CLUB  
 Wednesday [14277a]  
 2100 2000 21377 PANHELLENIC Daily  
  
 2115 2015 3972.5 OHIO SINGLE SIDEBAND TRAFFIC Daily  
 2115 2015 14178 4:15 (Midwest US) Monday-Friday  
  
 2130 2030 3837 ANTIQUE WIRELESS ASSOCIATION (Northeast US) Sunday  
 [AM]  
 2130 2030 3865 ARRL REGION 8 TRAFFIC (Michigan, Ohio, West Virginia)  
 Daily [7237a] [Cycle 2]  
 2130 2030 3908 FLORIDA PUBLIC OPERATIONS Daily  
 2130 ---- 3910 INDIANA TRAFFIC Daily  
 2130 2030 3944 944 GROUP (Northeast US) Monday-Friday [If not on  
 7244]  
 2130 2030 7232.5 HAMS FOR CHRIST FELLOWSHIP (Central US) Monday-  
 Friday

2130 2030 7233 MARANATHA (Georgia) Sunday [Remnants Hope Ministry]  
 [Anti-Brother Stair]  
 2130 2030 7244 944 GROUP (Northeast US) Monday-Friday [If not on  
 3944]  
 2130 2030 7260 OKLAHOMA ARES TRAINING Sunday  
 2130 2030 7275 GEORGIA 40 METER TRAINING Sunday  
 2130 2030 7280 ARRL REGION 5 TRAFFIC (Alabama, Arkansas, Louisiana,  
 Mississippi, Oklahoma, Tennessee, Texas) Daily [Cycle  
 2]  
 2130 2030 7295 WATERWAY COCKTAIL HOUR (Eastern US) Daily  
 2130 2030 14190 QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 152  
 (Florida) Monday, Wednesday, Friday [Royal Palm  
 Chapter]  
 2130 2030 14262 OHIO BUCKEYE Monday-Friday  
 2130 2030 14287 ASSOCIATION OF SAINTS CHURCH AMATEUR RADIO Sunday  
 ---- 2030 14290 BOY SCOUTS OF AMERICA Sunday  
 2130 2030 14292.5 HEATHKIT (Western US) Sunday  
 2130 2030 14329 TEN-TEC USERS Sunday  
 2130 2030 18120 ROUND TABLE WITH W1VR (Eastern US) Sunday [Southern  
 Vermont Amateur Radio Club] [Hams in Florida keeping  
 in touch with friends up north]  
  
 2145 2045 3925 ARRL REGION 2 TRAFFIC (New Jersey, New York) Daily  
 [Cycle 2]  
 2145 2045 7277.5 ARRL REGION 10 TRAFFIC (Iowa, Kansas, Manitoba,  
 Minnesota, Missouri, Nebraska, North Dakota,  
 Saskatchewan, South Dakota) Daily [Cycle 2]  
 ---- 2045 14177.5 QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 48  
 (Florida) [Treasure Coast Chapter] Daily [Not in  
 current QCWA net list]  
  
 2200 2100 3770 WHITE CANE (Atlantic Region Canada) Daily  
 2200 2100 3913 NEW YORK PUBLIC OPERATIONS Daily [3925a]  
 2200 ---- 3913 OLD OLD TIMERS CLUB CHAPTER 16 (Arizona) Tuesday  
 [George Eitel Memorial Chapter]  
 2200 2100 3921 UPPER PENINSULA (Michigan) Monday-Saturday  
 2200 2100 3932 MICHIGAN ARPSC Sunday  
 2200 2100 3935 MICHIGAN ARES Monday  
 2200 2100 3940 SEA GULL (Northern New England) Monday-Saturday  
 2200 2100 3940 SWAN LAKE (Northern New England) Daily [This is  
 registered with the ARRL but I can't see how this net  
 can exist as the SEA GULL net is also scheduled at  
 the same time and frequency in the same area]  
 2200 2100 3940 TROPICAL PHONE (Florida) Daily [7243a]



2200	2100	3945	TEENAGE (Eastern US) Monday-Friday
2200	----	3975	GEORGIA ARES Sunday
2200	2100	3985	QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 174 (Central Wisconsin) Sunday [Wisconsin Badger Chapter] [Not in current QCWA net list but is registered with the ARRL] [Chapter may be inactive]
2200	2100	7055	HAPPY HOUR (Canada) Monday-Friday
2200	2100	7230	NO NAME (Central US) Monday, Wednesday, Friday
2200	2100	7240	NORTH CENTRAL AMATEUR RADIO SOCIETY WEATHER Monday- Friday
2200	2100	7268	CHICAGO MASONIC (Illinois) Thursday
2200	2100	7283	ARRL REGION 9 TRAFFIC (Illinois, Indiana, Kentucky, Wisconsin) Daily [Cycle 2] Daily
2200	2100	7288	TEN-TEC JUPITER Sunday
2200	2100	14250	SWAN USERS Sunday
----	2100	14247	14247 DX Daily
2200	2100	14276	LITTLE BIG HORN Sunday
2200	2100	14307.5	WBCCI RV SERVICE Monday-Friday
----	2100	14308	PUBLIC SAFETY COMMUNICATIONS OFFICERS Sunday
2200	2100	14332	YLISSB MOONBEAM SESSION Daily
----	2100	18140	NARTE Sunday [National Association of Radio Telecommunications Engineers]
----	2100	21330	BLESSINGS FOR OBEDIENCE MISSIONARY Sunday
----	2100	21365	BLESSINGS FOR OBEDIENCE MISSIONARY Saturday
2200	----	21402	MARITIME Daily
2200	----	21412	PACIFIC MARITIME Daily
2200	2100	21434	YOUTH Sunday
2200	2100	28490	FAULKNER COUNTY AMATEUR RADIO CLUB (Arkansas) Tuesday
2230	2130	3875	VO2, VO1 EVENING (Eastern Canada) Daily
2230	----	3815	CARIBBEAN EMERGENCY AND WEATHER Daily
2230	2130	3905	ILLINOIS ARES 1st, 3rd Sunday
----	2130	3910	INDIANA TRAFFIC Daily
2230	2130	3918	EAST MASSACHUSETTS-RHODE ISLAND TRAFFIC Daily [ARRL registrations has 3918 under Massachusetts but 3915 under Rhode Island]
2230	2130	3928	ARKANSAS MOCKINGBIRD Monday-Friday
2230	2130	3933	GREEN MOUNTAIN (Vermont) Monday-Saturday
2230	2130	3943	SOUTHEAST SINGLE SIDEBAND (Southeast US) Monday- Friday
2230	2130	3958	PENNSYLVANIA PHONE Daily
2230	2130	3983	WEST PENNSYLVANIA ADMINISTRATION 1st, 3rd Sunday

2230	2130	7085	COD JIGGER (Eastern Canada) Daily
2230	2130	7230	ILLINOIS ARES 1st, 3rd Sunday
2230	2130	7272	WEST PENNSYLVANIA EMERGENCY 2nd, 4th Sunday [3983a]
2230	2130	14326	CHAVERIM INTERNATIONAL (USA, Mexico) Daily [14343a]
2230	2130	14345	PACIFIC AREA TRAFFIC (Regions 6, 7, 12) Daily [7295a] [Cycle 2]
2230	----	18157.5	HFPACK Saturday-Sunday
2230	2130	21377	FIREBIRD AND WINNEBAGO COMBINED Wednesday
2245	2145	3857	ILLINOIS PHONE Monday-Friday
2245	2145	3920	MARYLAND EMERGENCY DIRECTORS Saturday
2300	2200	3750	MARITIME (Atlantic Region Canada) Daily
2300	2200	3785	NEWFOUNDLAND 80 METER EVENING Daily
2300	----	3805	ADVENTIST AMATEUR RADIO ASSOCIATION (Caribbean) Friday
2300	----	3855	ARIZONA AM Sunday
2300	2200	3865	WEST VIRGINIA PHONE Daily
2300	2200	3885	AM SWAP (Western US) Sunday
2300	2200	3885	NORTHWEST AM Daily
2300	2200	3900	OKLAHOMA TRAFFIC-WEATHER Monday-Saturday
2300	2200	3905	DELAWARE EMERGENCY Saturday
2300	2200	3905	HOUSTON SHRINE HOSPITAL (Texas) Sunday
2300	----	3910	INDIANA TRAFFIC Daily
----	2200	3913	OLD OLD TIMERS CLUB CHAPTER 16 (Arizona) Tuesday [George Eitel Memorial Chapter]
2300	2200	3917	EAST PENNSYLVANIA PHONE AND TRAFFIC Daily
2300	2200	3918	WBCCI RV SERVICE (Central US) Monday-Friday [Temporarily inactive]
2300	2200	3920	MARYLAND EMERGENCY Daily
2300	2200	3925	NEW YORK EMERGENCY AND TRAFFIC Daily
2300	2200	3935	WOLVERINE SINGLE SIDEBAND PRE-NET (Michigan) Daily
2300	2200	3940	FLORIDA TRAFFIC Daily
2300	2200	3943	GRANITE STATE PHONE (New Hampshire) Monday-Saturday
2300	2200	3945	GRANITE STATE PHONE (New Hampshire) Sunday
2300	2200	3947	VIRGINIA SINGLE SIDEBAND Daily
2300	2200	3950	NEW JERSEY PHONE Daily
2300	2200	3952	DOGHOUSE (Northeast US) Monday, Thursday
2300	2200	3955	ROTARY AMATEUR RADIO CLUB (Midwest US) Sunday
2300	----	3960	KENTUCKY TRAFFIC Daily
2300	2200	3965	CONNECTICUT PHONE Monday-Saturday
----	2200	3975	GEORGIA ARES Sunday
2300	2200	3977	GENERAL MOTORS FIREBIRD AMATEUR RADIO CLUB Thursday
2300	2200	3983	WEST PENNSYLVANIA TRAFFIC Daily

2300	2200	3993.5	SOUTH CAROLINA ARES-RACES 1st, 3rd Monday
2300	----	7063.5	SANDBOX (Canada) Daily
2300	2200	7251	TEN-TEC USERS (Eastern US) Sunday
2300	2200	7277	GENERAL MOTORS FIREBIRD AMATEUR RADIO CLUB Monday
2300	2200	14251	SWAN USERS Wednesday
2300	----	14285	CALIFORNIA TO CARIBBEAN Monday [Maritime]
2300	----	14329	NORTH AMERICAN YOUTH Friday
2300	----	14342.5	HFPACK Saturday-Sunday
2300	----	18155	AMSAT INTERNATIONAL Sunday [Currently inactive]
----	2200	21402	MARITIME Daily
2300	----	21410	CHINA DX Saturday [If not at 1300]
----	2200	21412	PACIFIC MARITIME Daily
2310	----	14285	CALIFORNIA TO SOUTH PACIFIC Monday
2315	2215	3985	WISCONSIN SINGLE SIDEBAND Daily
2315	2215	7233	ARRL REGION 12 TRAFFIC (Arizona, Colorado, New Mexico, Utah, Wyoming) Daily [Cycle 2]
2315	2215	7238	ARRL REGION 7 TRAFFIC (Alberta, Alaska, British Columbia, Idaho, Montana, Oregon, Washington) Daily [3925a] [Cycle 2]
2330	2230	3750	SWAP SHOP (Atlantic Region Canada) Tuesday
2330	2230	3775	CHICKEN JUNCTION (Northeast US, Eastern Canada) Daily
----	2230	3815	CARIBBEAN EMERGENCY-WEATHER Daily
2330	2230	3845	SOONER TRAFFIC (Oklahoma) Monday-Saturday
2330	2230	3860	MINNESOTA SECTION Daily
2330	2230	3865	MOUNTAIN STATE EMERGENCY (West Virginia) 2nd, 4th Thursday
2330	2230	3905	DELAWARE TRAFFIC Monday-Friday
2330	2230	3912	MAINE YL Thursday
2330	2230	3916	ARRL REGION 6 TRAFFIC (California, Guam, Hawaii, Nevada) Daily [If not on 7275] [Cycle 2]
2330	2230	3923	NORTH CAROLINA EVENING Daily
2330	2230	3930	ARRL REGION 2 TRAFFIC (New Jersey, New York) Daily [1930a] [Cycle 3]
2330	2230	3947	OLD DOMINION EMERGENCY (Virginia) 1st, 3rd Monday
2330	2230	3950	NORTH FLORIDA PHONE Daily
2330	2230	3970	IOWA 75 Monday-Saturday
2330	2230	3970	IOWA TRAFFIC-EMERGENCY Sunday
2330	----	3975	GEORGIA SINGLE SIDEBAND ASSOCIATION Daily
2330	----	3978	TEXAS T.O.N. Monday-Saturday
2330	2230	7055	AURORA (Manitoba) Daily
2330	2230	7275	ARRL REGION 6 TRAFFIC (California, Guam, Hawaii,

Nevada) Daily [If not on 3916] [Cycle 2]  
 2330 2230 7279 GOOD OLD BOYS GROUP 2 (Texas) Daily  
 2330 2230 14118 LE RESEAU DU CAPITAINE (Canada) Daily [English,  
 French] [Maritime for Atlantic, Caribbean, Pacific]  
 [Emergency, weather reports]  
 2330 ---- 14236 INTERNATIONAL DX ASSOCIATION ``INDEXA`` Daily [QSL  
 info]  
 2330 2230 14250 CLAMDIGGERS Daily  
 2330 2230 14279 SAM`S RADIO HAMS (Western US) Daily [Recreational  
 vehicles]  
 ---- 2230 18157.5 HFPAK Saturday-Sunday  
 2340 ---- 7242.5 HFPAK (Western US) Saturday  
 2345 2245 3755 LAURENTIAN (Canada) Daily  
 2345 2245 3780 QUEBEC SECTION Daily [English, French]  
 2345 2245 3917 RIVER RATS (Wisconsin) Monday-Friday  
 2345 2245 3963 MISSOURI TRAFFIC Daily  
 2345 2245 3972.5 OHIO SINGLE SIDEBAND Daily

PITCAIRN ISLAND. The following is the scheduled normally used by hams  
 on Pitcairn for regular contacts (same UT time year around):

1700-???? Betty Christian, VP6YL, Wednesday on 21325  
 1700-???? Tom Christian, VP6TC, Friday on 21248  
 2200-2300 Dave Brown, VP6DB, most days on 14226.5 or 14247  
 2330-0100 Tom Christian, VP6TC, Tuesday into UT Wednesday on 21348  
 or, if that frequency is poor, 14181

Source: <http://library.puc.edu/pitcairn/pitcairn/contact.shtml>

#### BULLETIN STATIONS

AMERICAN RADIO RELAY LEAGUE: W1AW, Newington, Connecticut. Tuesday-  
 Saturday (except holidays) at 0245 ST (0145 DST) on 1855, 3990, 7290,  
 14290, 18160, 21390 and 28590. <http://www.arrrl.org/wlaw.html>

W1AW Bulletins index: <http://www.arrrl.org/wlaw>

GATEWAY 160 METER NEWSLETTER: WA0RCR, Vernon Jackson, Wentzville,  
 Missouri. Saturday 1900-Sunday 0800 (one hour earlier during DST) on  
 1860 kHz AM mode. Although it was announced that this service was  
 going dark in late May 2002, it has since returned. WA0RCR`s website  
 hasn`t been updated in a long time (it never even carried a note about  
 its going off the air in 2002) and it still has its original schedule  
 posted, but its actual operation appears to be irregular.  
<http://www.wa0rcr.com> or, if that doesn`t work,

<http://www.rrsta.com/wa0rcr/index.html>

History (written 2000): <http://www.rrsta.com/wa0rcr/history.html>

INTERNATIONAL AMATEUR RADIO NETWORK: K1MAN, Glenn Baxter, Belgrade Lakes Maine. 90 minute IARN Information Bulletin is scheduled at 0100, 0500, 1300, 1700 and 2100 on 3977 and 14272; and 2323, 0230 and 0730 on 3890 AM (all one hour earlier during DST). Frequencies may vary due to ham jamming. <http://www.k1man.com>

NOTE: This does not constitute an endorsement of K1MAN, the IARN, the American Amateur Radio Association, the American Amateur Radio Council or any organization founded or affiliated with K1MAN!

#### EMERGENCY, ORGANIZATIONS AND SPECIAL DESIGNATIONS

Some of these are emergency nets that are activated when necessary. Others are groups which appear at random times. All frequencies are unofficial; no group has any legal claim to a frequency.

1885 CLAN MacLEAN AMATEUR RADIO SOCIETY  
 1912 HFPACK  
 1965 ROYAL NAVY AMATEUR RADIO SOCIETY [``Action frequency``]  
 1984 VIRGIN ISLANDS; PUERTO RICO; LESSER ANTILLES  
 3710 PUERTO RICO [Not for mainland US]  
 3740 ROYAL NAVY AMATEUR RADIO SOCIETY [``Action frequency``]  
 [Not for US]  
 3740 WORLD SCOUT [Not for US]  
 3765 ISLANDS ON THE AIR  
 3785 CLAN MacLEAN AMATEUR RADIO SOCIETY  
 3797 75 METER DX  
 3815 ANTIGUA, ANTILLES EMERGENCY AND WEATHER  
 3815 INTER-ISLAND CONTINUOUS WATCH  
 3818 ANTIGUA-ANTILLES  
 3830 THE 3830 GROUP ``VOICES IN THE NIGHT``  
 3845 WEST GULF COAST HURRICANE  
 3847 GAYLARK [Gulf Area Young Ladies Amateur Radio Klub]  
 3853 ``AMERICA`S FREQUENCY``  
 3855 QUARTER CENTURY WIRELESS ASSOCIATION [Calling frequency]  
 3872.5 MERCURY AMATEUR RADIO ASSOCIATION  
 3873 CENTRAL GULF COAST HURRICANE  
 3873 YLISSB  
 3880 QUARTER CENTURY WIRELESS ASSOCIATION CHAPTER 207 (Dallas TX)  
 Early mornings and evenings. [Informal] [AM] [New Old Stock  
 Chapter]  
 3885 AM CALLING

3910 HEALTH AND WELFARE  
3925 GULF COAST HURRICANE  
3933 HEALTH AND WELFARE  
3935 BELIZE EMERGENCY  
3935 GULF COAST HURRICANE  
3940 WORLD SCOUT (USA)  
3960 NORTHEAST COAST HURRICANE  
3967 GULF COAST OUTGOING TRAFFIC  
3975 HURRICANE CENTER [Alternate to 14325]  
3985 QRP CALLING  
3987.5 MEXICAN NATIONAL  
3993 HEALTH AND WELFARE  
3995 GULF COAST WEATHER  
3997 RACES AND MILITARY CALLING-COORDINATION  
3997.5 HFPAK [Check at :10 past the hour]  
5371.5 HFPAK  
7055 EL GRUPO SEQUIMIENTO DE HURACANES [Spanish] [Not for US]  
7055 ROYAL NAVY AMATEUR RADIO SOCIETY [``Action frequency``]  
[Not for USA]  
7060 MEXICAN EMERGENCY AND HEALTH AND WELFARE [Spanish] [Not for US]  
7070 MANANA (Baja California) [Not for US]  
7085 CLAN MacLEAN AMATEUR RADIO SOCIETY [Not for US]  
7090 CENTRAL AMERICA EMERGENCY [Not for US]  
7090 VENEZUELA EMERGENCY. [Not for US]  
7090 WORLD SCOUT [Not for US] [During July and August, call ``CQ  
Scout`` at 0700 UT for national and international scout camps]  
7145 BERMUDA [Not for USA]  
7155 ISLANDS ON THE AIR  
7165 ANTIGUA, ANTILLES EMERGENCY AND WEATHER  
7165 INTER-ISLAND CONTINUOUS WATCH  
7171 SLOW SCAN TV  
7225 CENTRAL GULF COAST HURRICANE  
7230 SOUTHWEST TRAFFIC  
7235 CENTRAL GULF COAST HURRICANE  
7235 BAJA CALIFORNIA  
7238 COUNTY HUNTERS, MOBILE EMERGENCY [Alternate]  
7242.5 HFPAK [Check at :40 past the hour]  
7245 GULF COAST HURRICANE  
7250 BELIZE  
7253.5 KADIDDLEHOPPERS (Central US)  
7255 QUARTER CENTURY WIRELESS ASSOCIATION [Calling frequency]  
7260 WEST GULF COAST HURRICANE  
7264 GULF COAST HEALTH AND WELFARE

7268 BERMUDA  
7268.5 KADIDDLEHOPPERS (Western US)  
7270 WORLD SCOUT (US)  
7273 YLISSB  
7283 GULF COAST OUTGOING  
7285 QRP CALLING  
7290 AM CALLING  
7290 CENTRAL GULF COAST HURRICANE  
7290 HEALTH AND WELFARE  
14140 CANADIAN MARITIME CALLING [Not for US]  
14165 CARIBBEAN  
14185 CARIBBEAN EMERGENCY  
14204 SETI LEAGUE  
14215 PACIFIC INTER-ISLAND  
14222 HEALTH AND WELFARE  
14222 PACIFIC DX  
14230 SLOW SCAN TV  
14245 HEALTH AND WELFARE  
14255 QUARTER CENTURY WIRELESS ASSOCIATION [Calling frequency]  
14260 ISLANDS ON THE AIR [Primary]  
14265 NATURIST AMATEUR RADIO CLUB (Star Ranch Nudist Resort,  
McDade, Texas) [Various weekends through out the spring,  
summer and fall] [NU5DE]  
14265 SALVATION ARMY TEAM EMERGENCY RADIO NETWORK  
14268 UNITED NATIONS RADIO READINESS  
14270 ROYAL AIR FORCE AMATEUR RADIO SOCIETY [Calling frequency]  
14275 BERMUDA; UNITED NATIONS RADIO READINESS  
14283 CARIBUS HEALTH AND WELFARE (Jamaica)  
14285 CLAN MacLEAN AMATEUR RADIO SOCIETY  
14285 QRP CALLING  
14286 AM CALLING  
14290 WORLD SCOUT [During July and August, call CQ Scout at 0730  
UT for national and international scout camps]  
14293 ROTARY AMATEUR RADIO CLUB [Calling frequency]  
14294 ROYAL NAVY AMATEUR RADIO SOCIETY [``Action frequency``]  
14300 HEALTH AND WELFARE  
14302.5 INTERNATIONAL TRUCKER`S SAFETY  
14313 MARITIME MOBILE  
14313 HEALTH AND WELFARE  
14316 HEALTH AND WELFARE  
14325 WX4NHC HURRICANE CENTER [When hurricanes are within 300 miles  
of land in the western hemisphere]  
14332 YLISSB [Primary] [See time section]

14333 CHINA EMERGENCY  
14334 EME VHF-UHF COORDINATION AND SCHEDULING  
14335 ROYAL NAVY AMATEUR RADIO SOCIETY [``Action frequency``]  
14336 COUNTY HUNTERS, MOBILE EMERGENCY [Primary]  
14342.5 HFPACK [Alternate] [Check at :00 past the hour]  
18110 ROYAL AIR FORCE AMATEUR RADIO SOCIETY [Calling frequency]  
18128 ISLANDS ON THE AIR  
18140 WORLD SCOUT  
18150 ROYAL NAVY AMATEUR RADIO SOCIETY [``Action frequency``]  
18152 CLAN MacLEAN AMATEUR RADIO SOCIETY  
18155 QUARTER CENTURY WIRELESS ASSOCIATION. [Calling frequency]  
18157.5 HFPACK [Primary] [Check at :30 past the hour]  
21260 ISLANDS ON THE AIR  
21290 ROYAL AIR FORCE AMATEUR RADIO SOCIETY [Calling frequency]  
21310 HEALTH AND WELFARE [Spanish]  
21340 SLOW SCAN TV  
21355 QUARTER CENTURY WIRELESS ASSOCIATION [Calling frequency]  
21360 ROYAL NAVY AMATEUR RADIO SOCIETY [``Action frequency``]  
21360 WORLD SCOUT  
21373 YLISSB  
21385 CLAN MacLEAN AMATEUR RADIO SOCIETY  
21285 QRP CALLING  
21390 HEALTH AND WELFARE  
21403 ROTARY AMATEUR RADIO CLUB [Calling frequency]  
21437.5 HFPACK  
21440 INTERNATIONAL 6 METER DX REPORTS  
24930 ROYAL AIR FORCE AMATEUR RADIO SOCIETY [Calling frequency]  
24950 ISLANDS ON THE AIR  
24952 CLAN MacLEAN AMATEUR RADIO SOCIETY  
24960 WORLD SCOUT  
24997 HFPACK  
28320 CLAN MacLEAN AMATEUR RADIO SOCIETY  
28327.5 HFPACK [Check at :20 past the hour]  
28332 YLISSB  
28337 HFPACK  
28345 TEN-TEN INTERNATIONAL  
28355 QUARTER CENTURY WIRELESS ASSOCIATION [Calling frequency]  
28380 MARITIME MOBILE  
28385 QRP CALLING  
28390 WORLD SCOUT  
28450 HEALTH AND WELFARE [Spanish]  
28465 MILITARY RADIOS [Guard frequency]  
28493 FLEET RADIO UNIT PACIFIC



28560 ISLANDS ON THE AIR  
 28590 ROYAL AIR FORCE AMATEUR RADIO SOCIETY [Calling frequency]  
 28673 YLISSB [Calling frequency]  
 28680 SLOW SCAN TV  
 28885 INTERNATIONAL 6 METER DX  
 28885 10 METER PROPAGATION ALERT  
 28990 WORLD SCOUT  
 28993 ROYAL NAVY AMATEUR RADIO SOCIETY [``Action frequency``]

EMERGENCY FREQUENCIES BY STATE. Any frequency may be used but check these first. ALABAMA: 3965 7243. ALASKA: 3920 5167.5 (Alaska only) 14290. ARIZONA: 3973 3992 3995 7373. ARKANSAS: 3987.5 7285. CALIFORNIA: 3905 3913 3945. COLORADO: 3928 3990.5 7235 7239 28385. CONNECTICUT: 3965. DELAWARE: 3905. FLORIDA: 3940 3950 7247 7254. GEORGIA: 3975 7275. HAWAII: 3905 7290. IDAHO: 3990. ILLINOIS: 3905 3940. INDIANA: 3910. IOWA: 3970 3990.5. KANSAS: 3920. KENTUCKY: 3960. LOUISIANA: 3910 3915 3925 3935 7235 7280 14340. MAINE: 3940. MARYLAND: 3920. MASSACHUSETTS: 3915 3937. MICHIGAN: 3932 3935. MINNESOTA: 3860 3990. MISSISSIPPI: 3862.5 3945 7245. MISSOURI: 3963. MONTANA: 3880 3910 3947. NEBRASKA: 3982 3983.5 7281. NEVADA: 3996.5. NEW HAMPSHIRE: 3862 3943. NEW JERSEY: 3950. NEW MEXICO: 3939. NEW YORK: 3925 3955 3883 7245 7255. NORTH CAROLINA: 3923 3927 7232. NORTH DAKOTA: 3937 7232. OHIO: 3875 7972.5. OKLAHOMA: 3900 3997 7260. OREGON: 3980 3993.5. PENNSYLVANIA: 3917 3983 3987 7272. PUERTO RICO: 1984 3873 3940 7234.5 7238.5. RHODE ISLAND: 3915. SOUTH CAROLINA: 3915 3993.5 7243. SOUTH DAKOTA: 3870. TENNESSEE: 3980. TEXAS: 3873 3910 3922 3930 3933 3955 3973 3975 7240 7248 7250 7273. UTAH: 7272. VERMONT: 3976. VIRGINIA: 3910 3947. VIRGIN ISLANDS: 1984. WASHINGTON: 3987. WISCONSIN: 3860 3985 7277. WEST VIRGINIA: 3865. WYOMING: 3923.

FCC RACES SSB ALLOCATIONS: 1975-2000 3930-3980 3984-4000 7245-7255 14220-14230 14331-14350 21228-21267 28550-28750 29237-29272 29450-29650.

ARRL REGIONS: 1: CONNECTICUT, MAINE, MASSACHUSETTS, NEW HAMPSHIRE, RHODE ISLAND, VERMONT. 2: NEW JERSEY, NEW YORK. 3: DISTRICT OF COLUMBIA, DELAWARE, MARYLAND, PENNSYLVANIA. 4: FLORIDA, GEORGIA, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, VIRGINIA, VIRGIN ISLANDS. 5: ALABAMA, ARKANSAS, LOUISIANA, MISSISSIPPI, OKLAHOMA, TENNESSEE, TEXAS. 6: CALIFORNIA, GUAM, HAWAII, NEVADA. 7: ALBERTA, ALASKA, BRITISH COLUMBIA, IDAHO, MONTANA, OREGON, WASHINGTON. 8: MICHIGAN, OHIO, WEST VIRGINIA. 9: ILLINOIS, INDIANA, KENTUCKY, WISCONSIN. 10: IOWA, KANSAS, MANITOBA, MINNESOTA, MISSOURI, NORTH DAKOTA, NEBRASKA, SASKATCHEWAN, SOUTH DAKOTA. 11: LABRADOR, NEW BRUNSWICK, NEWFOUNDLAND, NOVA SCOTIA,

ONTARIO, PRINCE EDWARD ISLAND, QUEBEC. 12: ARIZONA, COLORADO, NEW MEXICO, UTAH, WYOMING. CENTRAL: Regions 5, 9, 10. EAST: Regions 1, 4, 8, 11. PACIFIC: Regions 6, 7, 12.

## REFERENCES AND OTHER NET LISTS

In order to keep this list at a manageable size, I have restricted it (mostly) to English language SSB nets in the US and Canada. For nets in other modes and languages, and on frequencies and in areas not covered by NETS TO YOU!, check out the following:

AC6V. This megapage contains numerous links to many sites, including nets, organizations, bulletins, shortwave, equipment, etc. Thanks to AC6V for putting a link to NETS TO YOU! on his web site!

<http://www.ac6v.com>

ARRL ON LINE NET DIRECTORY. This a search engine of nets that has registered with the ARRL and includes voice, CW, and RTTY nets on all bands. <http://www.arrl.org/field/nets>

BILL SNYDER`S HURRICANE FREQUENCIES:

<http://www.hurricanefrequencies.com>

CAPTAIN NEMO`S HF FREQUENCIES FOR BOATERS. This also includes some non-amateur maritime nets. <http://www.mayaparadise.com/mmfreq1.htm>

SLOW SCAN TELEVISION. For those with the proper receiving equipment, a list of slow scan TV nets can be found at

<http://www.tima.com/~djones/net.txt>

10-10 INTERNATIONAL. While some ten meter nets can be heard over great distances (especially at times of high sunspot levels) most are intended for local reception only. This lists some of these nets, especially those associated with 10-10 International, and is updated regularly. <http://www.ten-ten.org>

## ABBREVIATIONS AND SELECTED ORGANIZATIONS AND NEWSLETTERS LINKS

Organizations listed below are not necessarily endorsed by John Norfolk or Glenn Hauser and may not have nets listed above.

Many nets maintain their own web sites. However, due to time and space limitations, and since they come and go and change so quickly, I cannot list links to all of them. The best way to find out if a net has an active web site is to do a search on Google (for best results, use the

``advance search`` function). <http://www.google.com>

Adventist Amateur Radio Association: <http://www.qsl.net/adventistara>

Amateur Radio Newsline™ (transcripts posted Fridays):  
<http://www.arnewsline.org>

Amateur Radio UFO Network: <http://www.arufon.org>

AMSAT: Amateur satellites. <http://www.amsat.org>

ARES: Amateur Radio Emergency Service. <http://www.ares.org>

ARRL: American Radio Relay League, Newington Connecticut. During a communications emergency, check for ARRL station W1AW on the hour on 1855, 3990, 7290, 14290, 18160, 31390 and 28590.  
<http://www.arrl.org>

ARRL Letter (posted Friday evenings; also check their main page for late breaking news): <http://www.arrl.org/arrlletter>

Association of Saints Church: <http://www.ascra.org>

CLARA: Canadian Ladies Amateur Radio Association.  
<http://www.qsl.net/clara>

Chaverim International: <http://www.chaverim.org>

Classroom Net: <http://www.wb2jkj.org>

Collins Collectors Association: <http://www.collinsradio.org>

County Hunters: <http://countyhunter.com>

Courage Handi-Hams: <http://www.handiham.org>

East Coast Amateur Radio Service: <http://www.ecars7255.com>

EME: Earth-Moon-Earth bounce.

FIRAC: Federation International des Radioamateurs Cheminots (International Association of Railway Radio Amateurs). Web site includes a net list of railway amateur nets from all over the world.  
<http://webplaza.pt.lu/~firac/>

Fleet Radio Unit Pacific: Former, current and retired personnel of the Naval Security Group. <http://www.usncva.org/frupac.html>

GERATOL: Greetings Extra Radio Amateurs Tired of Operating Lately. A Worked All States group. <http://www.qsl.net/geratol>

HFPACK: HF Portable Group. <http://www.hfpack.com>

Hurricane Watch Net: <http://www.hwn.org>

International Association of Airline Hams:  
<http://home.mn.rr.com/mikewings/iaah.htm>

International DX Association: <http://www.indexa.org>

International Police Association Radio Club: <http://www.iparc.org/>

Islands on the Air: <http://www.rsgbiota.org>

Maritime Mobile Service Net (check links page for Caribbean Maritime Mobile, Pacific Seafarers and Manana Maritime web sites as well as a list of worldwide maritime nets): <http://www.mmsn.org>

Medical Amateur Radio Council: Physicians, dentists, veterinarians, nurses, therapists, etc. Check 14308 on the hour for MARCO members. <http://www.smbs.buffalo.edu/med/marco/>

Mercury Amateur Radio Association (affiliated with The Church of Jesus Christ of Latter Day Saints: <http://www.mara-na.org/>  
[Site currently undergoing revision]

National Association of Radio Telecommunications Engineers:  
<http://www.narte.org>

National Hurricane Center WX4NHC: <http://www.wx4nhc.org>

Navy Amateur Radio Club: Formed on March 3, 1979 to promote the fellowship of all amateur radio operators serving or have served in the US or Canadian Navy, Coast Guard, Marine Corps, or any reserve components. <http://www.qsl.net/navyarc>

New Zealand Association of Radio Transmitters:  
<http://www.nzart.org.nz/nzart/>

Ohio Penn DX Bulletin (posted Sunday evenings):

<http://www.papays.com/opdx.html>

OMIK [Ohio, Michigan, Indiana and Kentucky] Amateur Electronics Communications Association: African-American net established in 1952.

<http://www.omikradio.org/>

OMISS: OM International Sideband Society. A Worked All States awards group. <http://www.omiss.net/>

Quarter Century Wireless Association: Established in 1947. Members must have been first licensed at least 25 years ago. Currently has about 10,000 active members in the US, Canada, Austria and Germany. Includes links page to on-line chapters. <http://www.qcwa.org>

Quad Squad: <http://isle.net/~ballen/file09.html>

RACES: Radio Amateur Civil Emergency Service.

<http://www.races.net>

Radio Amateur Information Network "RAIN", RAIN Dial up (audio):

<http://www.rainreport.com>

Radio Amateurs of Canada: <http://www.rac.ca>

Radio Society of Great Britain: <http://www.rsgb.org>

SAROF: Salvation Army Radio Operators Fellowship. See SATERN.

SATERN: Salvation Army Team Emergency Radio Network.

<http://www.saturn.org>

SETI: Search for Extra Terrestrial Intelligence. 14204 kHz is the official SETI League frequency, selected as being equal to exactly one percent of the neutral Hydrogen line used for radio astronomy.

<http://www.qsl.net/w2eti/>

Sojourners: The State of Jefferson Operators` United Relay Network and Emergency Radio Society. The mythical ``State of Jefferson`` consists of Del Norte, Humbolt, Lassen, Modoc, Shasta, Siskiyou, Trinity, Coos, Curry, Douglas, Jackson, Josephine and Klamath Counties in northern California and southern Oregon. <http://www.thesojourners.us/>

South Coast Amateur Radio Service <http://www.qsl.net/wa4hwn-scars>

3905 CENTURY CLUB INC. An international club incorporated in Florida since February 1977. A Worked All States Awards Group.

<http://www.3905ccn.com>

This Week in Amateur Radio: <http://www.twiar.org>

Trans Provincial Net (includes links to many Canadian nets):

<http://www.tpn7055.ca>

WBCCI: Wally Byam Caravan Club International. Recreational vehicles.

<http://www.rvweb.net/club/wbcciarc/index.html>

Wireless Institute of Australia National News:

<http://www.wiaq.com/ftp/wianews.htm>

(includes time and frequency schedules for on air bulletins)

YLISSB: Young Ladies International SSB`ers, Inc. Incorporated in Florida on February 9, 1963. It was organized as a worldwide emergency communications system and advocates the promotion of international good will through Amateur Radio. They have nearly 16,000 members in all fifty states and over 250 countries.

<http://www.qsl.net/yl-issb>

Young Ladies Radio League: <http://www.ylrl.org>

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# Hurricane Frequencies

GOVERNMENT | MILITARY | AMATEUR | INDUSTRY | MISC

*(Unless otherwise noted, times are UTC, freq in kHz)  
Revised September 3, 2004*

## Hurricane Frances Forecast Path

Solar X-rays:

**NORMAL**

Geomagnetic Field:

**UNSETTLED**

NOAA Solar data  
via [n3kl.org](http://n3kl.org)

*The following high-frequency hurricane season intercepts have been gleaned from numerous sources. Times and frequencies are subject to frequent change, and are listed for reference only. Check frequently during hurricane season for updates. This is the original **Hurricane Frequencies** list, published during every hurricane season since 1991.*

*However it was you got here, bookmark our new web address: **HurricaneFrequencies.com** Copies of this list are scattered across the Web. Virtually all of them are now obsolete. By bookmarking this page, you will be able to access the latest copy of **Hurricane Frequencies** when you need it.*

*If you do copy this list, credit the author. Do not remove update request and e-mail address. This is the only way we can keep the list updated. If you spot an error or omission, please send a correction immediately. Thank you all who have so generously contributed information. Enjoy!*

## GOVERNMENT, NGO & MILITARY

02670.0 USB USCG wx Cape Hatteras NC (0133 1303)  
02670.0 USB USCG wx Fort Macon NC (0103 1233)  
02670.0 USB USCG wx Eastern Shore VA (0233 1403)  
02670.0 USB USCG wx Hampton Roads VA (0203 1333)  
02670.0 USB USCG wx San Francisco (0203 1403)  
02670.0 USB USCG wx Los Angeles/Long Beach CA (1303 2103)  
02670.0 USB USCG wx Honolulu (0903 2103)  
02670.0 USB USCG wx Marianas Section Guam (0705 2205)  
02802.4 USB American Red Cross Disaster (F-91) \*\*  
03171.4 USB American Red Cross Disaster (F-92) \*\*  
04426.0 USB USCG wx NMN Portsmouth (0330 0500 0930)  
04426.0 USB USCG wx NMC San Francisco (0430 1030)  
04724.0 USB GHFS  
05136.4 USB American Red Cross Disaster (F-93) \*\*  
05141.4 USB American Red Cross Disaster (F-94) \*\*  
05211.0 USB FEMA  
05236.0 USB SHARES Coordination Network (nationwide HF voice coordination)  
06501.0 USB USCG wx NMN Portsmouth (0330 0500 0930 1130 1600 2200 2330)

06501.0 USB USCG wx NMO Honolulu (0600 1200)  
06501.0 USB USCG wx Marianas Section Guam (0930 1530)  
06712.0 USB USAF GHFS SAR  
06739.0 USB GHFS  
06859.5 USB American Red Cross Disaster (F-95) \*\*  
07507.0 USB USN/USCG hurricane net (pri)  
07508.5 USB FAA Caribbean hurricane net  
07550.5 USB American Red Cross Disaster (F-96 - primary) \*\*  
07698.5 USB American Red Cross Disaster (F-97) \*\*  
08764.0 USB USCG wx NMN Portsmouth (0330 0500 0930 1130 1600 1730 2200 2330)  
08764.0 USB USCG wx NMC San Francisco (0430 1030 1630 2230)  
08764.0 USB USCG wx NMO Honolulu (0000 0600 1200 1800)  
08992.0 USB GHFS  
09380.0 USB USN/USCG hurricane net (sec)  
10493.0 USB FEMA  
11175.0 USB GHFS  
13089.0 USB USCG wx NMN Portsmouth (1130 1600 1730 2200 2330)  
13089.0 USB USCG wx NMC San Francisco (0430 1030 1630 2230)  
13089.0 USB USCG wx NMO Honolulu (0000 1800)  
13089.0 USB USCG wx Marianas Section Guam (0300 2130)  
13200.0 USB GHFS  
14396.5 USB SHARES Coordination Network (nationwide HF voice coordination)  
15016.0 USB GHFS  
17314.0 USB USCG wx from NMN Portsmouth (1730)  
17314.0 USB USCG wx from NMC San Francisco (1630 2230)

\*\* Type-accepted equipment and an issued US FCC license are required to transmit on Red Cross frequencies

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## AMATEUR HIGH-FREQUENCY EMERGENCY HURRICANE NETS

01984.0 LSB Virgin Islands (VI, Puerto Rico, Lesser Antilles)  
03710.0 LSB Puerto Rico  
03808.0 LSB Caribbean Wx (1030)  
03815.0 LSB Antigua/Antilles Emergency and Weather  
03815.0 LSB Inter-island (continuous watch)  
03818.0 LSB Antigua/Antilles  
03845.0 LSB Gulf Coast West Hurricane  
03862.5 LSB Mississippi Section Traffic  
03865.0 LSB West Virginia Emergency  
03872.5 LSB [Mercury Amateur Radio Assoc](#) ad hoc hurricane info net (0100)  
03873.0 LSB Central Gulf Coast Hurricane  
03873.0 LSB Louisiana ARES Emergency (night)  
03873.0 LSB Texas ARES Emergency (night)  
03873.0 LSB Mississippi ARES Emergency  
03905.0 LSB Pacific ARES (Hawaii)  
03905.0 LSB Delaware Emergency  
03907.0 LSB Carolina Coast Emergency  
03910.0 LSB Mississippi ARES  
03910.0 LSB Louisiana Traffic  
03910.0 LSB Virginia Emergency, Alpha (ARES/RACES)  
03913.0 LSB New York State Emergency  
03915.0 LSB South Carolina SSB NTS  
03915.0 LSB Massachusetts/Rhode Island Emergency  
03917.0 LSB Eastern Pennsylvania Emergency  
03920.0 LSB Maryland Emergency  
03923.0 LSB Mississippi ARES



03923.0 LSB North Carolina ARES Emergency (Tarheel)  
03925.0 LSB Central Gulf Coast Hurricane  
03925.0 LSB New York State Emergency  
03925.0 LSB Louisiana Emergency (altn)  
03927.0 LSB North Carolina ARES (health & welfare)  
03925.0 LSB Southwest Traffic (altn)  
03935.0 LSB Belize  
03935.0 LSB Central Gulf Coast Hurricane  
03935.0 LSB Louisiana ARES (health & welfare)  
03935.0 LSB Texas ARES (health & welfare)  
03935.0 LSB Mississippi ARES (health & welfare)  
03935.0 LSB Alabama Emergency  
03937.0 LSB Western Massachusetts ARES  
03940.0 LSB Southern Florida Emergency  
03947.0 LSB Virginia Emergency, Bravo (health & welfare)  
03950.0 LSB [Hurricane Watch](#) (Amateur-to-National Hurricane Center) (altn)  
03950.0 LSB Northern Florida Emergency  
03955.0 LSB South Texas Emergency  
03960.0 LSB Northeast Coast Hurricane  
03965.0 LSB Alabama Emergency (altn)  
03965.0 LSB Connecticut Emergency  
03967.0 LSB Gulf Coast (outgoing traffic)  
03970.0 LSB New Jersey ARES  
03975.0 LSB Georgia ARES  
03975.0 LSB Texas RACES  
03980.0 LSB Southeast Virginia ARES  
03987.5 LSB Mexican National  
03990.5 LSB New Jersey RACES  
03993.0 LSB New York State RACES  
03993.5 LSB Gulf Coast (health & welfare)  
03993.5 LSB South Carolina ARES/RACES Emergency  
03995.0 LSB Gulf Coast Wx  
03995.0 LSB Western New York State Coordination  
07055.0 LSB El Grupo Seguimiento de Huracanes (Spanish)  
07060.0 LSB Mexican (emergency and health & welfare) (Spanish)  
07070.0 LSB Manana (Baja California)  
07090.0 LSB Central America Emergency  
07145.0 LSB Bermuda  
07165.0 LSB Antigua/Antilles Emergency and Weather  
07165.0 LSB Inter-island 40-meter (continuous watch)  
07225.0 LSB Central Gulf Coast Hurricane  
07230.0 LSB New York State Emergency  
07230.0 LSB Southwest Traffic  
07232.0 LSB North Carolina ARES Emergency (Tarheel) (altn)  
07235.0 LSB Louisiana Emergency  
07235.0 LSB Baja California  
07235.0 LSB Central Gulf Coast Hurricane  
07235.0 LSB West Virginia  
07235.0 LSB Louisiana Emergency  
07240.0 LSB American Red Cross US Gulf Coast Disaster  
07240.0 LSB Texas Emergency  
07240.0 LSB Virginia Emergency, Bravo (health & welfare) (altn)  
07242.0 LSB Southern Florida ARES Emergency (altn)  
07243.0 LSB Alabama Emergency  
07243.0 LSB South Carolina Emergency  
07245.0 LSB Southern Louisiana  
07245.0 LSB New York State RACES  
07247.5 LSB Northern Florida ARES Emergency (altn)  
07248.0 LSB Texas RACES  
07250.0 LSB Belize

07250.0 LSB Texas Emergency  
07254.0 LSB Northern Florida Emergency  
07260.0 LSB Gulf Coast West Hurricane  
07260.0 LSB Virginia Emergency, Alpha (ARES/RACES) (altn)  
07264.0 LSB Gulf Coast (health & welfare)  
07265.0 LSB Salvation Army Team Emergency Radio ([SATERN](#)) (altn)  
07268.0 LSB Bermuda  
07268.0 LSB Waterway  
07273.0 LSB Texas ARES (altn)  
07275.0 LSB Georgia ARES  
07280.0 LSB NTS Region 5  
07280.0 LSB Louisiana Emergency (altn)  
07283.0 LSB Gulf Coast (outgoing only)  
07285.0 LSB Louisiana ARES Emergency (day)  
07285.0 LSB Mississippi ARES Emergency  
07285.0 LSB Texas ARES Emergency (day)  
07290.0 LSB Central Gulf Coast Hurricane  
07290.0 LSB Gulf Coast Wx  
07290.0 LSB Texas ARES (health & welfare)  
07290.0 LSB Louisiana ARES (health & welfare) (day)  
07290.0 LSB Texas ARES (health & welfare)  
07290.0 LSB Mississippi ARES (health & welfare)  
07290.0 LSB Hawaii Emergency  
07290.0 LSB Traffic  
14185.0 USB Caribbean Emergency  
14200.0 USB (Please advise)  
14215.0 USB Pacific Inter-island  
14222.0 USB Health & Welfare  
14245.0 USB Health & Welfare  
14265.0 USB Salvation Army Team Emergency Radio ([SATERN](#))  
14268.0 USB Amateur Radio Readiness Group  
14275.0 USB Bermuda  
14275.0 USB International Amateur Radio  
14283.0 USB Caribus (health & welfare)  
14300.0 USB Intercontinental Traffic  
14300.0 USB Maritime Mobile Service  
14303.0 USB International Assistance & Traffic  
14313.0 USB Intercontinental Traffic (altn)  
14313.0 USB [Maritime Mobile Service](#) (altn)  
14316.0 USB Health & Welfare  
14320.0 USB Health & Welfare  
14325.0 USB [Hurricane Watch](#) (Amateur-to-National Hurricane Center)  
14340.0 USB Louisiana (1900)  
14340.0 USB [Manana](#) (1900)  
14340.0 USB California-Hawaii  
21310.0 USB Health & Welfare (Spanish)  
21390.0 USB Inter-Americas (health & welfare)  
21400.0 USB Transatlantic Maritime  
28410.0 USB New Jersey ARES  
28450.0 USB Health & Welfare (Spanish)

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## HURRICANE RECONNAISSANCE AIRCRAFT

Hurricane reconnaissance aircraft ([Hurricane Hunters](#)) now use milsat to relay recon data to the National Hurricane Center. The following link can be used to retrieve the current data.

Hurricane Hunters [current reconnaissance messages](#)

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### HURRICANE WATCH NET

Whenever a hurricane is within 300 miles of land in the northern western hemisphere, the [Hurricane Watch Net](#) is operational on 14325 kHz. The Hurricane Watch Net provides communication between amateur radio station [WX4NHC](#) located at the [National Hurricane Center](#), and the affected areas.

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### AMERICAN RADIO RELAY LEAGUE

During a communications emergency, W1AW transmits special bulletins hourly by voice, teleprinter and CW (Morse) according to the following [schedule](#):

#### W1AW SPECIAL BULLETINS SCHEDULE

Voice (hh:00)	01855.0	03990.0	07290.0	14290.0	18160.0	21390.0	28590.0
Teleprinter (hh: 15)	03625.0	07095.0	14095.0	18102.5	21095.0	28095.0	
CW (hh: 30)	01817.5	03581.5	07047.5	14047.5	18097.5	21067.5	28067.5

Visit the [W1AW Bulletins](#) archive

Recent [W1AW Propagation Bulletins](#)

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### NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

The [National Institute of Standards and Technology](#) broadcasts storm warnings on 2.5, 5, 10, 15 & 20 MHz AM according to the following schedule:

#### NIST MARINE STORM WARNINGS BROADCAST SCHEDULE

WWV (hh:08)	Covers Atlantic and eastern North Pacific
WWVH (hh: 48)	Covers Western, Eastern, Southern, and North Pacific

## MARINE RADIOFACSIMILE BROADCASTS

The US National Weather Service maintains a comprehensive online guide to marine weather products via radiofacsimile (WEFAX) on its [RADIOFAX](#) web site. Current information, useful links and basic tutorials are available from the site. Download the current revision of [Worldwide Marine Radiofacsimile Broadcast Schedules](#) in PDF format.

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## ADDITIONAL HURRICANE MONITORING FREQUENCIES

The frequencies listed on this page are primarily oriented toward hurricane-related disaster communications and crucial intelligence-gathering. If your monitoring interests extend beyond the scope of this site (eg, recreational short-wave listening), I encourage you to visit [Hugh Stegman's Utility World](#) for additional frequencies.

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## BLAKE'S ATLANTIC TROPICAL WEATHER CENTER PAGE

Links to a wide array of current technical hurricane information and data can be found at [Eric Blake's Atlantic Tropical Weather Center](#) page. Products include weather forecasts, hurricane reconnaissance flight data, satellite weather images, and much more.

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## USEFUL TROPICAL CYCLONE LINKS

- [Current Tropical Storm Bulletins](#)
- Current satellite image of [Atlantic Ocean](#) or [Pacific Ocean](#)
- Tropical Weather Outlook
  - [Atlantic](#)
  - [Eastern Pacific](#)
  - [Central Pacific](#)
  - [Western Pacific](#)
- Forecast storm tracks (when storms are present)
  - [Atlantic](#)
  - [Northwestern Pacific](#)
  - [Northeastern Pacific](#)
  - [North Indian](#)

- [Severe Weather Watches and Warnings](#) (48 contiguous states)
- [StormWatch \(R\) Image](#) from Earth Watch (48 contiguous states)
- [Tropical Storm Spotting Map](#) and weather links, from The Weather Underground

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## DISASTER HEALTH & WELFARE RESOURCES ON THE INTERNET

The following links may be useful for disaster Situation Reports and Health & Welfare inquiries via the Internet. Please let me know of other search resources you find. Do not include media sources, official government bulletins and the like. Just Internet bulletin boards currently active during major disasters to assist families determine the status of loved ones in a disaster area.

These resources can become overwhelmed during a disaster, so please use them wisely and sparingly! Links will open in new window.

- [Updates from the Islands](#) (Links to several Caribbean H&W bulletin boards)
- [Caribbean Disaster Emergency Response Agency \(CDERA\)](#) Caribbean Disaster SITREPs
- [Belize](#) SITREPs and H&W bulletin boards
- [Honduras](#) SITREPs and H&W bulletin boards

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You really can help keep this list current by sharing your additions, corrections and deletions. If you spot an error or omission, please notify me immediately. Cite source and include detailed info.

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Amateur call sign AA6KC  
American Red Cross of Greater Los Angeles Disaster Services Volunteer  
bill@hurricanefrequencies.com

[Send e-mail to Bill Snyder](#)

# Capt. Nemo's HF Frequencies for Boaters

Please report any errors, additions, or changes that you are aware of to:  
**Webmaster:** [Phil Landmeier, KW2P](#)

## Ham Maritime Mobile Nets

Time (UTC)	Freq (MHz)	Name	Days	Area	Notes	Contact
1600-0200	14.300	Mar. Mobile Service Net	D	CAR,PAC		KE4EDX
0100	3.925	Gulf Coast Hurricane Net	D	GC	wx, tfc	WD5CRR
0130-0300	28.313	10M MM Net	D	EPAC,Haw		N6URW
0130	7.126	MM Fast CW Net				
0200	21.402	Gerry's Happy Hour	M-F	PAC, Baja	soc	
0200	14.334	Brazil/East Coast Net	D	EC, ATL	wx, tfc	K3UWJ
0200	3.932	Great Lakes Emergency	D	GL	wx, tfc	WD8ROK
0200	7.126	MM Slow CW Net				
0200-0400	14.300	Seafarer's Net	D	PAC, WC	MM	WA6ZEL
0300	14.313/300	PAC Maritime Net Warmup	D	PAC	WU	KH6UY
0330	14.313/300	PAC Maritime Net	D	PAC	MM, rc	KH6UY
0330	7.294	Sandia Net	D	WC, Baja	soc	KA6HFG
0400	14.115	Canadian DDD Net	D	PAC	also 1730Z	VE7DB
0400	14.318	Arnold's Net	D	SPAC	MM, wx	ZK1DB
0500	21.200	UK/NZ/African Net	D	PAC, IOC	MM	VK3PA
0630	14.316/105	S. African Maritime Net	D	SATL, IOC	also 1130Z	ZS5GC
0630	14.313	International MM Net	D	ATL, MED, CAR	also 1700Z	DK0CM
0700	7.235	HHH Net				
0700-0000	7.085	MED, SEA Cruisers Net	D	MED, SEA	MM	
0715	3.820	Bay of Islands Net	D	NZ, AUS, PAC	MM	ZL1BKD

0800-0830	14.315	Pacific Inter-Island Net	D	SPAC, SEA	tfc	KX6QU
0800	14.303	UK Maritime Net	D	ATL, MED	also 1800Z	G4FRN, Bill
0900	14.313	MED, SEA MM Net	D	MED	MM	5B4MM
1000	14.313	German MM Net	D	ATL, MED	MM	DK0MC
1000	14.320	South China Sea Net	D	SPAC		
1030	3.815	Caribbean Weather Net	D	CAR	wx,+1045,2230Z	VP2AYL
1045	7.163	Caribbean WX Net	D	CAR	wx,+1030,2230Z	
1100	3.770	Mar Provinces WX Net	M-Sa	NE Canada	wx	VE1AAC
1100-1200	7.237/241	Caribbean MM Net	D	CAR	MM	KV4JC
1100	14.300/313	Intercon Net	D	NA, CA, SA	tfc, also 2200Z	K4PT
1100	14.283	Carribus Traffic Net	D	EC, CAR	tfc	KA2CPA
1110	3.930	Puerto Rico WX Net	D	PR/VI	wx, also 2310Z	KP4AET
1115	14.316	Indian Ocean MM Net	D	WPAC, IOC		VK6HH
1130	14.316	South African MM Net	D	SATL, IOC	& 0030, 0630Z	ZS5MU
1130	21.325	South Atlantic Roundtable	D	SATL	tfc, also 2330Z	PY1ZAK
1200	28.380	Maritime Mobile Net	D		novice ok	
1200	14.121	Mississauga Net	D	E Canada	ATL wx	VE3NBL
1200	14.320	Southeast Asia Net	D	SEA, SPAC		WB8JDR
1230	7.185	Barbados Info Net	D	CAR	tfc	8R6DH
1245	7.268	East Coast Waterway Net	D	EC, CAR	MM	NU4P
1300-1400	21.400	Trans Atlantic MM Net	D	NATL, CAR	rc, wx	8P6QM
1300	7.083	Cen. Am. Breakfast Club	D	CA	MM, soc	AB6HR
1415	3.968	Sonrisa Net	D	Baja, So. Calif.	MM	XE2VKB
1400-1600	7.263/268	Rocky Mtn RV Net	D	Mid West	tfc	K5DGZ
1430	7.294	Chubasco Net	D	Baja, So. Calif.	MM	XE2/N6OAH
1600	7.238	Baja Calif. MM Net	D	Baja, So. Calif.	MM	N6ADJ
1600	7.200/268	Taco Net	D	Baja		
1600-2200	14.300/313	Maritime Mobile Service Net	D	ATL, CAR, PAC	also 2400Z	KA8O
1600-1800	7.263/268	Pacific RV Service Net	M-F	Western U.S.	tfc	K6BYP
1630	14.303	Swedish Maritime Net	D	MM	also 0530, 2030	

1630	14.313	INTERMAR eV, German Maritime Mobile Net. <a href="http://www.intermar-ev.de">www.intermar-ev.de</a>	D	MM		DL0IMA
1700-1800	14.308	RV Service Net	D	U.S.	tfc	KB1Z
1700	14.323	US/Canada Power Sqdn Net	Sa	U.S./Canada	tfc	W7LOE
1700	14.340	Cal Hawaii Net	D	EPAC	tfc	K6VDV
1700	7.240	Bejuka Net	M-F	CA	tfc	HP3XWB
1700	14.313	International MM Net	D	ATL, MED	MM, also 0630Z	DK0SS
1700-1900	14.280	Inter Mission RA Net	M-Sa	CA, SA	tfc	WA2KUX
1730	14.115	Canadian DDD Net	M-F	PAC	MM, also 0400Z	VE7CEM
1800	14.303	UK Maritime Net	D	ATL, MED	MM, also 0800Z	G4FRN, Bill G4YZH, Bruce
1800	7.076	South Pacific Cruising Net	D	SPAC	MM, wx	informal
1830	14.340	Manana Net Warmup	M-Sa	WC, EPAC	MM, WU	KB5HA
1900	14.285	Kaffee Klatch Un-Net	MWSa	Hawaii, Tahiti	MM, news	KH6S
1900	14.305	Confusion Net	M-F	PAC	tfc	W7GYR
1900	7.285	Hawaii AM Net	D	Hawaii	tfc, wx	KH6BF
1900-2000	21.390	Halo Net	D	NA, SA	tfc	WA4FXR
1900	14.329	Bay of Islands Net	D	NZ, SPAC	MM	ZL1BKD
2000	7.080	New Zealand WX Net	D	NZ	MM, wx	ZL1BTQ
2000	7.095	Harry's Net	D	WPAC, SPAC	MM	KL7MZ
2000	14.260	Partyline Net	D	CAR, CA		N3QVW
2000-2200	21.390	Inter-American Traffic Net	D	NA, CA, SA	tfc	WD4HAY
2030	14.303	Swedish Maritime Net	D	ATL	MM,0530,1630Z	
2030	14.315	Tony's Net Warmup	D	NZ, SPAC	MM, WU	ZL1ATE
2100	14.261	Ben's Friends MM Un-Net		EC	MM, soc	K3BC
2100	14.315	Tony's Net	D	NZ, SPAC	wx, 2130Z	ZL1ATE
2100	14.113	Mickey Mouse Connection	D	SATL, SPAC	MM	CX9ABE
2130	14.290	EC Waterway Net		EC, U.S.	MM	
2200-2230	3.963	EC Recreational Vehicle Net	D	EC, U.S.	also 1300Z	KB1Z
2200	21.402	Pacific Maritime Net	M-F	PAC, Baja	MM	KB7DHQ
2200	21.412	Maritime Mobile Service Net	M-F	PAC	MM	KA6GWZ



2200-2400	14.300/313	Intercon Net	D	NA, CA, SA	also 1100Z	K4PT
2230	3.815	Caribbean WX Net		CAR	wx, also 1030Z	VP2AYL
2310	3.930	Puerto Rico WX Net	D	PR, VI	wx, also 1110Z	KP4AET
2330	21.325	South Atlantic Roundtable		SATL	tfc, soc	
0000-0200	14.300/313	Maritime Mobile Service Net	D	CAR, Baja, PAC	MM	
0000	3.968	Happy Hour Net	D	Baja, W. Mexico	MM, soc	
0000	14.320	Southeast Asia MM Net	D	PAC, SEA	MM	
variable	14.325/275/175	Hurricane Watch Net		ATL, CAR, PAC	hurr. track	KOIND

### Ham Radio HF Emergency Net Frequencies (USB or LSB as appropriate)

Name / Description	Freq (kHz)
Alabama	3695.0
Antigua / Antilles	3815.0, 7165.0
Antilles Net	3818.0
Southern Louisiana	7245.0
Baja California	7235.0
Belize	3935.0
Bermuda	14275.0
Caribus Net	14283.0 +/-
Caribbean Emergency	14185.0
Caribbean Maritime Mobile	7115.0 (1200Z)
Caribbean WX	3808.0 (1030Z)
California WX	3948.0 (1400Z)
Georgia	3975.0
Gulf Coast Central Hurricane	3935.0, 7245.0
Gulf Coast Western Hurricane	3845.0, 7260.0

Gulf Coast (outgoing only)	3967.0, 7283.0
Gulf Coast WX	3995.0, 7290.0
Gulf Coast Health and Welfare	3993.5, 7264.0
Hurricane Watch Net (Nat. Hurr. Center)	14325.0
Interamericas Health and Welfare	21390.0
Inter-Island 75 meter (24 hr watch)	3815.0
Inter-Island 40 meter (24 hr watch)	7165.0
Lake Charles, LA	3993.5, 7264.0
Louisiana	14340.0 (1900Z)
Manana	7070.0
Mexican National	3987.5
Mississippi ARES	3923.0, 3910.0
North Carolina	3915.0
Red Cross (IARN)	14275.0
South Carolina Emergency Net	3915.0, 7232.0, 7243.0
South Texas Emergency	3955.0
Texas Emergency	7240.0, 7250.0
Texas Traffic / Health and Welfare	3691.0, 7290.0 (day), 3910.0 (night)
Transatlantic Maritime Mobile	21400.0
Waterway	7268.0

### Marine HF Maritime Mobile Nets (all USB)

Time (UTC)	Freq (MHz)	Name	Days	Area	Control
1000-1200	6.215	Eastern Caribbean Net		ECAR	uncontrolled
1215	4.003	Mistene	D	CAR	wx

1230	8.104	Mistene	D	CAR	wx
1330	8.152	Cruisetimers	D	CAR	
1400	8.188	Northwest Caribbean Net	D	MM	
1920	12.359	Weather Check-In	D	CAR, ATL, EPAC	
2000-2300	12.359	Southbound II	D	CAR, ATL, EPAC	

### Abbreviations:

ATL - Atlantic, AUS - Australia, Baja - Baja California, CA - Central America, CAR - Caribbean, D - Daily, EC - East Coast, ECAR - Eastern Caribbean, EPAC - Eastern Pacific, GC - Gulf Coast, GL - Great Lakes, IOC - Indian Ocean, MED - Mediterranean, MM - Maritime Mobile, NA - North America, NATL - North Atlantic, NZ - New Zealand, PAC - Pacific, PR - Puerto Rico, rc - roll call, SA - South America, SATL - South Atlantic, SEA - Southeast Asia, soc - socializing, SPAC - South Pacific, tfc - traffic, VI - Virgin Islands, WC - West Coast, WU - Warmup session, check-in, wx - weather

### Special thanks for information and corrections submitted by:

Tom VE3II, Assistant Net Manager, Maritime Mobile Service Network  
 Bill G4FRN, Net Control, UK Maritime Mobile Net  
 Rolf DL0IMA, INTERMAR eV

Last updated: September 2004

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# Glenn Hauser's World of Radio

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# National Weather Service Radar Image

## WSR-88D Radar FAQ's



Local weather  
forecast by  
"City, St" or zip code

### Radar Views

National [Loop](#)  
Alaska [Loop](#)  
Hawaii [Loop](#)  
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### Additional Links

[NWS Homepage](#)  
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[Are there any other radar images available besides the current four?](#)  
[How does the radar work?](#)  
[Is every thing I see on the images an accurate picture of my weather?](#)  
[What are the different types of radar images?](#)  
[How often are the images updated?](#)  
[What is Clear Air Mode?](#)  
[What is Precipitation Mode?](#)  
[What do the colors mean in the reflectivity products?](#)  
[What is the difference between base and composite reflectivity?](#)  
[What is UTC Time?](#)

### Are there any other radar images available besides the current four products?

The National Weather Service has a central collection of WSR-88D radar products in process. While we currently only display four of those products (Base Reflectivity, Composite Reflectivity, One-Hour Precipitation, and Storm Total Precipitation) through these local radar pages, you can receive all products through a "multicast" flow or via standard anonymous FTP from the Gateway file servers. Information on the other products and the type of computer equipment you need to receive the products can be found at the [Radar Product Central Collection/Distribution Service](#) webpage.

### How does the radar work?

**NEXRAD (Next Generation Radar)** obtains weather information (precipitation and wind) based upon returned energy. The radar emits a burst of energy (green). If the energy strikes an object (rain drop, bug, bird, etc), the energy is scattered in all directions (blue). A small fraction of that scattered energy is directed back toward the radar.



This reflected signal is then received by the radar during its listening period. Computers analyze the strength of the returned pulse, time it took to travel to the object and back, and phase shift of the pulse. This process of emitting a signal, listening for any returned signal, then emitting the next signal, takes place very fast, up to around 1300 times each second.

NEXRAD spends the vast amount of time "listening" for returning signals it sent. When the time of all the pulses each hour are totaled (the time the radar is actually transmitting), the radar is "on" for about 7 seconds each hour. The remaining 59 minutes and 53 seconds are spent listening for any returned signals.

The ability to detect the "shift in the phase" of the pulse of energy makes NEXRAD a Doppler radar. The phase of the returning signal typically changes based upon the motion of the raindrops (or bugs, dust, etc.). This Doppler effect was named after the Austrian physicist, Christian Doppler, who discovered it. You have most likely experienced the "Doppler effect" around trains.

As a train passes your location, you may have noticed the pitch in the train's whistle changing from high to low. As the train approaches, the sound waves that make up the whistle are compressed making the pitch higher than if the train was stationary. Likewise, as the train moves away from you, the sound waves are stretched, lowering the pitch of the whistle. The faster the train moves, the greater the change in the whistle's pitch as it passes your location.

The same effect takes place in the atmosphere as a pulse of energy from NEXRAD strikes an object and is reflected back toward the radar. The radar's computers measure the phase change of the reflected pulse of energy which then convert that change to a velocity of the object, either toward or from the radar. Information on the movement of objects either toward or away from the radar can be used to estimate the speed of the wind. This ability to "see" the wind is what enables the National Weather Service to detect the formation of tornados which, in turn, allows us to



issue tornado warnings with more advanced notice.

## Is everything I see on the images an accurate picture of my weather?

Weather surveillance radars such as the WSR-88D can detect most precipitation within approximately 80 nautical miles (nm) of the radar, and intense rain or snow within approximately 140 nm. However, light rain, light snow, or drizzle from shallow cloud weather systems are not necessarily detected.

Echoes from surface targets appear in almost all radar reflectivity images. In the immediate area of the radar, "ground clutter" generally appears within a radius of 20 nm. This appears as a roughly circular region with echoes that show little spatial continuity. It results from radio energy reflected back to the radar from outside the central radar beam, from the earth's surface or buildings.

Under highly stable atmospheric conditions (typically on calm, clear nights), the radar beam can be refracted almost directly into the ground at some distance from the radar, resulting in an area of intense-looking echoes. This "anomalous propagation" phenomenon (commonly known as AP) is much less common than ground clutter. Certain sites situated at low elevations on coastlines regularly detect "sea return", a phenomenon similar to ground clutter except that the echoes come from ocean waves.

Returns from aerial targets are also rather common. Echoes from migrating birds regularly appear during nighttime hours between late February and late May, and again from August through early November. Return from insects is sometimes apparent during July and August. The apparent intensity and areal coverage of these features is partly dependent on radio propagation conditions, but they usually appear within 30 nm of the radar and produce reflectivities of <30 dBZ (decibels of Z).

However, during the peaks of the bird migration seasons, in April and early September, extensive areas of the south-central U.S. may be covered by such echoes. Finally, aircraft often appear as "point targets" far from the radar, particularly in composite reflectivity images.

The radar is also limited close in by its inability to scan directly overhead. Therefore, close to the radar, data are not available due to the radar's maximum tilt elevation of 19.5°. This area is commonly referred to as the radar's "Cone of Silence".

Though surface echoes appear in the base and composite reflectivity images, special automated error checking generally removes their effects from precipitation accumulation products. The national reflectivity mosaic product is also automatically edited to detect and remove most nonprecipitation features. Even with limited experience, users of unedited products can differentiate precipitation from other echoes, if they are aware of the general meteorological situation.

## What are the different types of radar images?

### Base Reflectivity

This is a display of echo intensity (reflectivity) measured in **dBZ** (decibels of Z, where Z represents the energy reflected back to the radar). "Reflectivity" is the amount of transmitted power returned to the radar receiver. Base Reflectivity images are available at several different elevation angles (tilts) of the antenna and are used to detect precipitation, evaluate storm structure, locate atmospheric boundaries and determine hail potential.

The base reflectivity image currently available on this website is from the lowest "tilt" angle (0.5°). This means the radar's antenna is tilted 0.5° above the horizon.

The maximum range of the "**short range**" (S Rng) base reflectivity product is **124 nm (about 143 miles)** from the radar location. This view will not display echoes that are more distant than 124 nm, even though precipitation may be occurring at greater distances. To determine if precipitation is occurring at greater distances, select the "**long range**" (L Rng) view (**out to 248 nm/286 mi**), select an adjacent radar, or link to the [National Reflectivity Mosaic](#).

### Composite Reflectivity

This display is of maximum echo intensity (reflectivity) from any elevation angle at every range from the radar. This product is used to reveal the highest reflectivity in all echoes. When compared with Base Reflectivity, the Composite Reflectivity can reveal important storm structure features and intensity trends of storms.

The maximum range of the "**long range**" (L Rng) composite reflectivity product is **248 nm (about 286 miles)** from the radar location. The "blocky" appearance of this product is due to its lower spatial resolution on a **2.2 \* 2.2 nm grid**. It has one-fourth the resolution of the Base Reflectivity and one-half the resolution of the Precipitation products.



Although the Composite Reflectivity product is able to display maximum echo intensities 248 nm from the radar, the beam of the radar at this distance is at a very high altitude in the atmosphere. Thus, only the most intense convective storms and tropical systems will be detected at the longer distances.

Because of this fact, special care must be taken interpreting this product. While the radar image may not indicate precipitation it's quite possible that the radar beam is overshooting precipitation at lower levels, especially at greater distances. To determine if precipitation is occurring at greater distances link to an adjacent radar or link to the [National Reflectivity Mosaic](#).

For a **higher resolution (1.1 \* 1.1 nm grid)** composite reflectivity image, select the **short range (S Rng)** view. The image is less "blocky" as compared to the long range image. However, the maximum range is reduced to 124 nm (about 143 miles) from the radar location.

### One-hour Precipitation

This is an image of estimated one-hour precipitation accumulation on a 1.1 nm by 1 degree grid. This product is used to assess rainfall intensities for flash flood warnings, urban flood statements and special weather statements. The maximum range of this product is 124 nm (about 143 miles) from the radar location. This product will not display accumulated precipitation more distant than 124 nm, even though precipitation may be occurring at greater distances. To determine accumulated precipitation at greater distances you should link to an adjacent radar.

### Storm Total Precipitation

This image is of estimated accumulated rainfall, continuously updated, since the last one-hour break in precipitation. This product is used to locate flood potential over urban or rural areas, estimate total basin runoff and provide rainfall accumulations for the duration of the event.

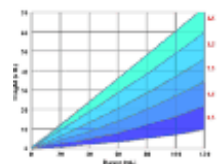
The maximum range of this product is 124 nm (about 143 miles) from the radar location. This product will not display accumulated precipitation more distant than 124 nm, even though precipitation may be occurring at greater distances. To determine accumulated precipitation at greater distances link to an adjacent radar.

## How often are the images updated?

Image updates are based upon the operation mode of the radar at the time the image is generated. The WSR-88D Doppler radar is operated in one of two modes -- clear air mode or precipitation mode. In clear air mode, images are updated every 10 minutes. In precipitation mode, images are updated every five or six minutes. The collection of radar data, repeated at regular time intervals, is referred to as a volume scan.

### Clear Air Mode

In this mode, the radar is in its most sensitive operation. This mode has the slowest antenna rotation rate which permits the radar to sample a given volume of the atmosphere longer. This increased sampling increases the radar's sensitivity and ability to detect smaller objects in the atmosphere than in precipitation mode. A lot of what you will see in clear air mode will be airborne dust and particulate matter. Also, snow does not reflect energy sent from the radar very well. Therefore, clear air mode will occasionally be used for the detection of light snow.



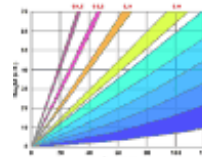
The radar continuously scans the atmosphere by completing volume coverage patterns (VCP). A VCP consists of the radar making several 360° scans of the atmosphere, sampling a set of increasing elevation angles. There are two clear mode VCPs.

In clear air mode, the radar begins a volume scan at the 0.5° elevation angle (i.e., the radar antenna is angled 0.5° above the ground). Once it makes two full sweeps (a surveillance/reflectivity sweep and a Doppler/velocity sweep) at the 0.5° elevation angle, it increases to 1.5° and makes two more 360° rotations. For one of the clear air mode VCPs, two full sweeps are also made at 2.5°. Otherwise, at the higher elevations (2.5°, 3.5°, and 4.5°) a single sweep is made (reflectivity and velocity data are collected together).

This process is repeated at 2.5°, 3.5°, and 4.5°. Then the radar returns to the 0.5° elevation angle to begin the next volume scan which will repeat the same sequence of elevation angles. In clear air mode, the complete scan of the atmosphere takes about 10 minutes at 5 different elevation angles.

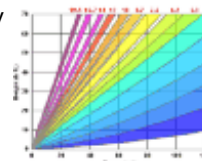
### Precipitation Mode

When precipitation is occurring, the radar does not need to be as sensitive as in clear air mode as rain provides plenty of returning signals. At the same time, meteorologists want to see higher in the atmosphere when precipitation is occurring to analyze the vertical structure of the storms. This is when the meteorologists switch the radar to precipitation mode using one of two volume coverage patterns.



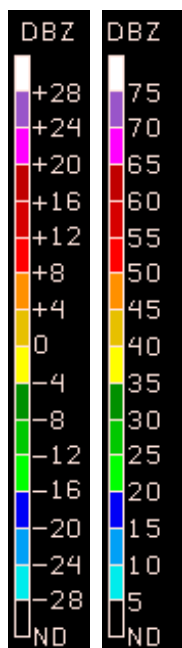
Both precipitation VCP's begin like the clear air mode mentioned above with the same evaluation scans as in the clear air mode. The difference is the radar continues looking higher in the atmosphere, up to 19.5° to complete the volume scan. The time it takes to complete the entire volume scan is also less. In the slower VCP, the radar completes the volume scan of nine different elevations in six minutes. In the faster VCP, the radar completes 14 different elevation scans in five minutes.

Differences in the quality of radar images between the two precipitation mode VCPs are relatively minor. Therefore, during severe weather, the faster VCP is almost always used as it provides the meteorologists with the quickest updates and most elevation slices through the storms.



In summary, when the radar is in clear air mode, radar images will be updated approximately every ten minutes. In precipitation mode, the updates will occur around five to six minutes apart.

## What do the colors mean in the reflectivity products?



The colors are the different echo intensities (reflectivity) measured in dBZ (decibels of Z) during each elevation scan. "Reflectivity" is the amount of transmitted power returned to the radar receiver. Reflectivity (designated by the letter Z) covers a wide range of signals (from very weak to very strong). So, a more convenient number for calculations and comparison, a decibel (or logarithmic) scale (dBZ), is used.

The dBZ values increase as the strength of the signal returned to the radar increases. Each reflectivity image you see includes one of two color scales. One scale (far left) represents dBZ values when the radar is in clear air mode (dBZ values from -28 to +28). The other scale (near left) represents dBZ values when the radar is in precipitation mode (dBZ values from 5 to 75). *Notice the color on each scale remains the same in both operational modes, only the values change.* The value of the dBZ depends upon the mode the radar is in at the time the image was created.

The scale of dBZ values is also related to the intensity of rainfall. Typically, light rain is occurring when the dBZ value reaches 20. The higher the dBZ, the stronger the rainrate. Depending on the type of weather occurring and the area of the U.S., forecasters use a set of rainrates which are associated to the dBZ values.

65	16+
60	8.00
55	4.00
52	2.50
47	1.25
41	0.50
36	0.25
30	0.10
20	Trace

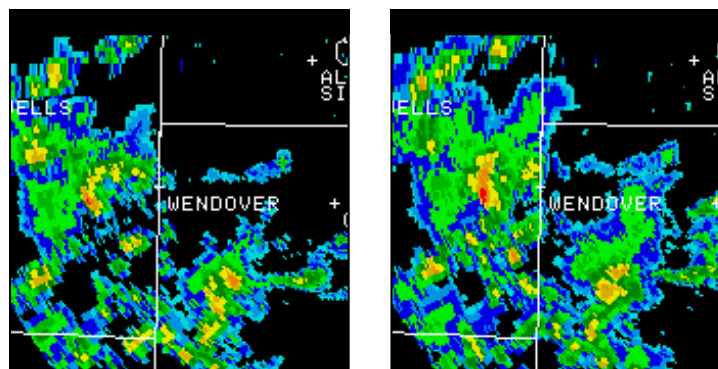
These values are estimates of the rainfall per hour, updated each volume scan, with rainfall accumulated over time. Hail is a good reflector of energy and will return very high dBZ values. Since hail can cause the rainfall estimates to be higher than what is actually occurring, steps are taken to prevent these high dBZ values from being converted to rainfall.

## What is the difference between base and composite reflectivity?

The main difference is composite reflectivity shows the highest dBZ (strongest reflected energy) at all elevation scans, not just the reflected energy at a single elevation scan. This can be seen in the images below from the Salt Lake City radar.

Notice the additional reflectivity that is visible in the composite reflectivity (far right). It is most readily seen around the name 'Wendover'. Also notice the composite view displays a slightly larger area of heavy rain (orange-red area to the west of Wendover).

Why the difference? Base reflectivity only shows reflected energy at a single elevation scan of the radar. Composite reflectivity displays the highest reflectivity of **ALL** elevations scans. So, if heavier precipitation is higher in the atmosphere over an area of lighter precipitation (the heavier rain that has yet to reach the ground), the composite reflectivity image will display the stronger dBZ level.



This occurs often with severe thunderstorms. The updraft, which feeds the thunderstorm with moist air, is strong enough to keep a large amount of water aloft. Once the updraft can no longer support the weight of suspended water then the rain intensity at the surface increases as the rain falls from the cloud.

## What is UTC Time?

Weather observations around the world (including radar observations) are always taken with respect to a standard time. By convention, the world's weather communities use a twenty four hour clock, similar to "military" time based on the 0° longitude meridian, also known as the Greenwich meridian.

Prior to 1972, this time was called Greenwich Mean Time (GMT) but is now referred to as Coordinated Universal Time or Universal Time Coordinated (UTC). It is a coordinated time scale, maintained by the Bureau International des Poids et Mesures (BIPM). It is also known a "Z time" or "Zulu Time".

To obtain your local time here in the United States, you need to subtract a certain number of hours from UTC depending on how many time zones you are away from Greenwich (England). The table (right) shows the standard difference from UTC time to local time.

The switch to daylight saving time does not affect UTC. It refers to time on the zero or Greenwich meridian, which is not adjusted to reflect changes either to or from Daylight Saving Time.

However, you need to know what happens during daylight saving time in the United States. In short,

the **local time is advanced one hour** during daylight saving time. As an example, the Eastern Time zone difference from UTC is a -4 hours during daylight saving time rather than -5 hours as it is during standard time.

UTC	Standard Time								Daylight Saving			
	Guam	HI	AK	PST	MST	CST	EST	AST	PDT	MDT	CDT	EDT
Diff	+10	-10	-9	-8	-7	-6	-5	-4	-7	-6	-5	-4
00	10a	2p*	3p*	4p*	5p*	6p*	7p*	8p*	5p*	6p*	7p*	8p*
01	11a	3p*	4p*	5p*	6p*	7P*	8p*	9p*	6p*	7p*	8p*	9p*
02	12N	4p*	5p*	6p*	7p*	8p*	9p*	10p*	7p*	8p*	9p*	10p*
03	1p	5p*	6p*	7p*	8p*	9p*	10p*	11p*	8p*	9p*	10*	11p*
04	2p	6p*	7p*	8p*	9p*	10p*	11p*	12M	9p*	10p*	11p*	12M
05	3p	7p*	8p*	9p*	10p*	11p*	12M	1a	10p*	11p*	12M	1a
06	4p	8p*	9p*	10p*	11p*	12M	1a	2a	11p*	12M	1a	2a
07	5p	9p*	10p*	11p*	12M	1a	2a	3a	12M	1a	2a	3a
08	6p	10p*	11p*	12M	1a	2a	3a	4a	1a	2a	3a	4a
09	7p	11p*	12M	1a	2a	3a	4a	5a	2a	3a	4a	5a
10	8p	12M	1a	2a	3a	4a	5a	6a	3a	4a	5a	6a
11	9p	1a	2a	3a	4a	5a	6a	7a	4a	5a	6a	7a
12	10p	2a	3a	4a	5a	6a	7a	8a	5a	6a	7a	8a
13	11p	3a	4a	5a	6a	7a	8a	9a	6a	7a	8a	9a
14	12M%	4a	5a	6a	7a	8a	9a	10a	7a	8a	9a	10
15	1a%	5a	6a	7a	8a	9a	10a	11a	8a	9a	10a	11a
16	2a%	6a	7a	8a	9a	10a	11a	12N	9a	10a	11a	12N
17	3a%	7a	8a	9a	10a	11a	12N	1p	10a	11a	12N	1p
18	4a%	8a	9a	10a	11a	12N	1p	2p	11a	12N	1p	2p
19	5a%	9a	10a	11a	12N	1p	2p	3p	12N	1p	2p	3p
20	6a%	10a	11a	12N	1p	2p	3p	4p	1p	2p	3p	4p
21	7a%	11a	12N	1p	2p	3p	4p	5p	2p	3p	4p	5p
22	8a%	12N	1p	2p	3p	4p	5p	6p	3p	4p	5p	6p
23	9a%	1p	2p	3p	4p	5p	6p	7p	4p	5p	6p	7p

AST - Atlantic, AK - Alaska time, HI - Hawaii time, \*The previous day, %The next day

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[UTC-local time conversion](#)

# Prime Time Shortwave

## Your guide for English shortwave broadcast schedules

**Looking for a time conversion chart to determine what time it is anywhere in the world from any location? See the information for Craig Braun's time conversion chart [below](#) the UTC to local time conversion charts.**

### UTC to local standard time conversion (Winter)

Arizona, Hawaii, eastern time zone portion of Indiana, Puerto Rico and the U.S. Virgin Islands are on standard time year round as they do not observe daylight savings time.

The \* means that the UTC date is one day later than the local date.

UTC Time	Newfoundland Standard Time	Atlantic Standard Time	Eastern Standard Time	Central Standard Time	Mountain Standard Time	Pacific / Yukon Standard Time	Alaska Standard Time	Hawaii / Aleutian Standard Time
0000	8:30 pm *	8 pm *	7 pm *	6 pm *	5 pm *	4 pm *	3 pm *	2 pm *
0100	9:30 pm *	9 pm *	8 pm *	7 pm *	6 pm *	5 pm *	4 pm *	3 pm *
0200	10:30 pm *	10 pm *	9 pm *	8 pm *	7 pm *	6 pm *	5 pm *	4 pm *
0300	11:30 pm *	11 pm *	10 pm *	9 pm *	8 pm *	7 pm *	6 pm *	5 pm *
0400	12:30 am	midnight	11 pm *	10 pm *	9 pm *	8 pm *	7 pm *	6 pm *
0500	1:30 am	1 am	midnight	11 pm *	10 pm *	9 pm *	8 pm *	7 pm *
0600	2:30 am	2 am	1 am	midnight	11 pm *	10 pm *	9 pm *	8 pm *
0700	3:30 am	3 am	2 am	1 am	midnight	11 pm *	10 pm *	9 pm *
0800	4:30 am	4 am	3 am	2 am	1 am	midnight	11 pm *	10 pm *
0900	5:30 am	5 am	4 am	3 am	2 am	1 am	midnight	11 pm *
1000	6:30 am	6 am	5 am	4 am	3 am	2 am	1 am	midnight
1100	7:30 am	7 am	6 am	5 am	4 am	3 am	2 am	1 am
1200	8:30 am	8 am	7 am	6 am	5 am	4 am	3 am	2 am
1300	9:30 am	9 am	8 am	7 am	6 am	5 am	4 am	3 am
1400	10:30 am	10 am	9 am	8 am	7 am	6 am	5 am	4 am
1500	11:30 am	11 am	10 am	9 am	8 am	7 am	6 am	5 am
1600	12:30 pm	noon	11 am	10 am	9 am	8 am	7 am	6 am
1700	1:30 pm	1 pm	noon	11 am	10 am	9 am	8 am	7 am
1800	2:30 pm	2 pm	1 pm	noon	11 am	10 am	9 am	8 am

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1900	3:30 pm	3 pm	2 pm	1 pm	noon	11 am	10 am	9 am
2000	4:30 pm	4 pm	3 pm	2 pm	1 pm	noon	11 am	10 am
2100	5:30 pm	5 pm	4 pm	3 pm	2 pm	1 pm	noon	11 am
2200	6:30 pm	6 pm	5 pm	4 pm	3 pm	2 pm	1 pm	noon
2300	7:30 pm	7 pm	6 pm	5 pm	4 pm	3 pm	2 pm	1 pm

### UTC to local daylight time conversion (Summer)

The \* means that the UTC date is one day later than the local date.

UTC Time	Newfoundland Daylight Time	Atlantic Daylight Time	Eastern Daylight Time	Central Daylight Time	Mountain Daylight Time	Pacific / Yukon Daylight Time	Alaska Daylight Time	Aleutian Daylight Time
0000	9:30 pm *	9 pm *	8 pm *	7 pm *	6 pm *	5 pm *	4 pm *	3 pm *
0100	10:30 pm *	10 pm *	9 pm *	8 pm *	7 pm *	6 pm *	5 pm *	4 pm *
0200	11:30 pm *	11 pm *	10 pm *	9 pm *	8 pm *	7 pm *	6 pm *	5 pm *
0300	12:30 am	midnight	11 pm *	10 pm *	9 pm *	8 pm *	7 pm *	6 pm *
0400	1:30 am	1 am	midnight	11 pm *	10 pm *	9 pm *	8 pm *	7 pm *
0500	2:30 am	2 am	1 am	midnight	11 pm *	10 pm *	9 pm *	8 pm *
0600	3:30 am	3 am	2 am	1 am	midnight	11 pm *	10 pm *	9 pm *
0700	4:30 am	4 am	3 am	2 am	1 am	midnight	11 pm *	10 pm *
0800	5:30 am	5 am	4 am	3 am	2 am	1 am	midnight	11 pm *
0900	6:30 am	6 am	5 am	4 am	3 am	2 am	1 am	midnight
1000	7:30 am	7 am	6 am	5 am	4 am	3 am	2 am	1 am
1100	8:30 am	8 am	7 am	6 am	5 am	4 am	3 am	2 am
1200	9:30 am	9 am	8 am	7 am	6 am	5 am	4 am	3 am
1300	10:30 am	10 am	9 am	8 am	7 am	6 am	5 am	4 am
1400	11:30 am	11 am	10 am	9 am	8 am	7 am	6 am	5 am
1500	12:30 pm	noon	11 am	10 am	9 am	8 am	7 am	6 am
1600	1:30 pm	1 pm	noon	11 am	10 am	9 am	8 am	7 am
1700	2:30 pm	2 pm	1 pm	noon	11 am	10 am	9 am	8 am
1800	3:30 pm	3 pm	2 pm	1 pm	noon	11 am	10 am	9 am
1900	4:30 pm	4 pm	3 pm	2 pm	1 pm	noon	11 am	10 am

2000	5:30 pm	5 pm	4 pm	3 pm	2 pm	1 pm	noon	11 am
2100	6:30 pm	6 pm	5 pm	4 pm	3 pm	2 pm	1 pm	noon
2200	7:30 pm	7 pm	6 pm	5 pm	4 pm	3 pm	2 pm	1 pm
2300	8:30 pm	8 pm	7 pm	6 pm	5 pm	4 pm	3 pm	2 pm

## Time Conversion chart to determine the time for anyplace in the world from anyplace in the world.

Craig Braun has put together these charts for determine the time for anyplace in the world from anyplace in the world. If you know the time zone from which a station is located and rather they observe daylight savings time you can quickly determine what time it is there.

The charts will print on a 8 1/2 x 11" page when printed in landscape format.

	Y	X	V	
<b>Y Yankee</b>	-12	0	1	2
<b>X Xray</b>	-11	1	2	3
<b>V Whisky</b>	-10	2	3	4
<b>W Victor</b>	-9	3	4	5
<b>U Uniform</b>	-8	4	5	6
<b>T Tango</b>	-7	5	6	7
<b>S Sierra</b>	-6	6	7	8

Sample World Time Chart 24 Hour

[World Time Chart 24 Hour](#) 2.11 MB large file

[World Time Chart 12 Hour](#) 2.11 MB large file

[Chart Standard Time](#) 793 KB large file

[Text file for using charts](#) 8 KB

[Zip file including all four charts](#) 103 KB

Time Zone maps are located at these locations. The PDF files require Acrobat Reader to view.

[US Navy 2003 Time Zone Map PDF](#) 251 KB black/white more up-to-date [visit U.S. Navy website](#)

[Indiana University 1999 Time Zone Map PDF](#) 989 KB large file color not as up-to-date [visit Indiana U. website](#) , includes online World Time Zone calculator



If you have any suggestions, corrections, contributions or anything you would like to comment on, please email me. [Daniel Sampson](#)


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## Contacting Pitcairn Island


### Pitcairn's telephone numbers

These phone numbers are available 24 hours daily, and the answering machine of the station is checked twice daily.

- Public Telephone: +872 762337766
- Control Room Telephone: +872 762337765
- FAX: +872 762337767

### Mailing addresses for Pitcairn

Although each Pitcairner has a Post Office box, mail sent to the following address will reach the recipient/s named in the address:

<i>Sender's Name</i> <i>Address</i>	
<i>Recipient's Name</i> Pitcairn Island South Pacific Ocean PCRN1ZZ	

For more Pitcairn addresses, see the [Pitcairn Crafts for Sale](#) page. (Click on individual names.)

### E-mail addresses of Pitcairners

- 
- Dennis & Irma Christian: [denray@pitcairn.pn](mailto:denray@pitcairn.pn)
- Nadine & Randy Christian: [pitcairngirl@hotmail.com](mailto:pitcairngirl@hotmail.com)
- Steve & Olive Christian: [steveolive@pitcairn.pn](mailto:steveolive@pitcairn.pn)
- Meralda Warren: [maimiti@pitcairn.pn](mailto:maimiti@pitcairn.pn) , <http://www.maimiti.pn>
- Mike Warren: [mikewarrenpi@hotmail.com](mailto:mikewarrenpi@hotmail.com) , <http://www.onlinepitcairn.com>
- Terry & Vula Young: [tvyoungs@pitcairn.pn](mailto:tvyoungs@pitcairn.pn)
- Tom & Betty Christian: [tom\\_on\\_pitcairn@hotmail.com](mailto:tom_on_pitcairn@hotmail.com)

### Ham radio contact with Pitcairn Island

Long before the coming of the Internet, and well before telephone was available, Pitcairn Island maintained contact with the outside world by amateur ("ham") radio. The beginning of Pitcairn's off-island amateur radio contact goes back to 1921 when Captain F. A. Hemming, Master of the New Zealand Shipping Company's vessel

*Rimutaka* gave Fred Christian, Pitcairn's magistrate, a card bearing a Morse Code communication. That led to contact with passing ships using simple crystal sets, and later to the use of ham radio rigs by Pitcairners which could reach around the world. At one time or another there has probably been a higher per capita use of ham radio by Pitcairners than any other place in the world. Even today, with both telephone and e-mail available, ham radio continues to be a popular communication form on Pitcairn Island.

Pitcairn (VP6) Ham Radio operators include:

- Dave Brown, VP6DB
- Kay Brown, VP6KB
- Betty Christian, VP6YL
- Dennis Christian, VP6DR
- Irma Christian, VP6ID
- Tom Christian, VP6TC
- Daralyn Griffith (nee Warren), VP6DW
- Clarice Brown Oates, VP6CB
- Jay Warren, VP6JC
- Meralda Warren, VP6MW
- Michael Warren, VP6AZ
- Brian Young, VP6 BX
- Kari Young, VP6KY
- Terry Young, VP6TY
- The Pitcairn Island Club Station, VP6PAC.

Between 3 and 4 p.m., Pacific Standard Time (2200 to 2300 UTC) most days of the week, Dave Brown is available to talk. Dave (VP6DB) is on the air at 14.226.5 MHz and 14.247 MHz.

Between 3:30 and 5 p.m., Pacific Standard Time (2330 to 0100 UTC) on Tuesdays, Tom Christian (VP6TC) is on the air at 21.348 MHz, or at 14.181 MHz if the primary frequency is poor.

At 9 a.m., Pacific Standard Time (1700 UTC) on Wednesdays, Betty Christian (VP6YL) is available at 21.325 MHz. (Note: Betty is away from Pitcairn until mid-September 2003.)

At 9 a.m., Pacific Standard Time (1700 UTC) on Fridays, you might be able to speak with Tom Christian (VP6TC) at 21.248 MHz.

### How to arrange to visit Pitcairn

- [Cruise Ship Schedule](#)
- [Supply/Passenger Ship News Release \(August 22, 2003\)](#)





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# W-1-A-W

## The Hiram Percy Maxim Memorial Station at ARRL

*W1AW, the Hiram Percy Maxim Memorial Station, is a living memorial to the "Father of Organized Amateur Radio", located at ARRL Headquarters in Newington CT. When visiting ARRL HQ, most amateurs choose W1AW as the place to see where Amateur Radio comes alive. What can you expect to see when you visit? [Here's a look inside.](#)*

<b>W1AW Quick Links</b> <a href="#">Contribute to the W1AW Endowment!</a>		
Scheduled Transmissions	Visiting W1AW	Bulletins via Internet
<ul style="list-style-type: none"> <li>• <a href="#">Code Practice and Bulletins</a></li> <li>• <a href="#">Qualifying Runs</a></li> <li>• <a href="#">Code Practice on the Web</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Hours of Operation</a></li> <li>• <a href="#">Directions</a></li> <li>• <a href="#">QSL Policy</a></li> </ul>	<ul style="list-style-type: none"> <li>• <a href="#">Via Email</a></li> <li>• <a href="#">Bulletins on the Web</a></li> </ul>

## Scheduled Transmissions

W1AW transmits on-the-air code practice and bulletins of interest to hams. The bulletins are also available via [email](#) and on the [Web](#).

## Transmission Schedule

Pacific	Mtn	Cent	East	Mon	Tue	Wed	Thu	Fri
6 am	7 am	8 am	9 am		<a href="#">Fast Code</a>	<a href="#">Slow Code</a>	<a href="#">Fast Code</a>	<a href="#">Slow Code</a>
7-9 am 10 am-12:45 pm	8-10 am 11 am-1:45 pm	9-11 am noon-2:45 pm	10 am-noon 1-3:45 pm	<b>Visiting Operator Time</b>				
1 pm	2 pm	3 pm	4 pm	<a href="#">Fast Code</a>	<a href="#">Slow Code</a>	<a href="#">Fast Code</a>	<a href="#">Slow Code</a>	<a href="#">Fast Code</a>
2 pm	3 pm	4 pm	5 pm	<a href="#">Code Bulletin</a>				
3 pm	4 pm	5 pm	6 pm	<a href="#">Teleprinter Bulletin</a>				
4 pm	5 pm	6 pm	7 pm	<a href="#">Slow Code</a>	<a href="#">Fast Code</a>	<a href="#">Slow Code</a>	<a href="#">Fast Code</a>	<a href="#">Slow Code</a>
5 pm	6 pm	7 pm	8 pm	<a href="#">Code Bulletin</a>				
6 pm	7 pm	8 pm	9 pm	<a href="#">Teleprinter Bulletin</a>				
6:45 pm	7:45 pm	8:45 pm	9:45 pm	<a href="#">Voice Bulletin</a>				
7 pm	8 pm	9 pm	10 pm	<a href="#">Fast Code</a>	<a href="#">Slow Code</a>	<a href="#">Fast Code</a>	<a href="#">Slow Code</a>	<a href="#">Fast Code</a>
8 pm	9 pm	10 pm	11 pm	<a href="#">Code Bulletin</a>				

**W1AW's schedule is at the same local time throughout the year.** The schedule according to your local time will change if your local time does not have seasonal adjustments that are made at the same time as North American time changes between standard time and daylight time. From the first Sunday in April to the last Sunday in October, UTC (Coordinated Universal Time) = Eastern Time + 4 hours. For the rest of the year, UTC = Eastern Time + 5 hours.

## Morse Code Transmissions

**Frequencies** are 1.8175, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675, 28.0675 and 147.555 MHz.

**Slow Code** = practice sent at 5, 7-1/2, 10, 13 and 15 words per minute (wpm).

**Fast Code** = practice sent at 35, 30, 25, 20, 15, 13 and 10 wpm.

**Code practice text** is from the pages of *QST* magazine, the League's membership journal. The source is given at the beginning of each practice session and alternate speeds within each session. For example, "Text is from July 1992 *QST*, pages 9 and 81," indicates that the practice session's plain text is from the article on page 9 and its mixed number/letter groups are from page 81.

**Code bulletins** are sent at 18 wpm.

CW frequencies include code practices, Qualifying Runs and CW bulletins.

**World Wide Web:** You can also find [W1AW code practice](#) here on *ARRLWeb*, in MP3 format. Other resources can be found on the *ARRLWeb* [Learn CW](#) page.

**[W1AW Qualifying Runs](#)** are sent on the same frequencies as the Morse code transmissions. West Coast qualifying runs are transmitted on approximately 3.590 MHz K6YR. At the beginning of each code practice session, the schedule for the next qualifying run is presented. Underline one minute of the highest speed you copied, certify that your copy was made without aid, and send it to ARRL for grading. Please include your name, call sign (if any) and complete mailing address. The initial certificate is available for a \$10 fee. Subsequent endorsement stickers are available for a \$7.50 fee.

### Teleprinter Transmissions

**Frequencies** are 3.625, 7.095, 14.095, 18.1025, 21.095, 28.095 and 147.555 MHz.

**Bulletins** are sent at 45.45-baud Baudot and 100-baud AMTOR, FEC Mode B, 110-baud ASCII will be sent only as time allows.

**Keplerian elements** for many amateur satellites will be sent on the regular teleprinter frequencies on Tuesdays and Fridays at 6:30 PM Eastern Time.

### Voice Transmissions

**Frequencies** are 1.855, 3.99, 7.29, 14.29, 18.16, 21.39, 28.59 and 147.555 MHz.

### Miscellanea

A **DX bulletin** replaces or is added to the regular bulletins between 8 P.M. Eastern time Thursdays and 8 P.M. Eastern time Fridays.

**ARRL Headquarters and W1AW are closed** on New Year's Day; Presidents' Day; Good Friday, Memorial Day; Independence Day; Labor Day; Thanksgiving and the following Friday; and Christmas Day.

**In a communications emergency, monitor W1AW** for special bulletins as follows: voice on the hour, teleprinter at 15 minutes past the hour, and CW on the half hour.

### Qualifying Run Schedule

#### W1AW

Local (Eastern)			UTC		
Date	Time	Day	Time	Date	Notes
September 3	10 pm	Friday	0200z	September 4	10-40 (QRL)
September 15	7 pm	Wednesday	2300z	September 15	

#### K6YR

UTC		Local (Pacific)			
Date	Time	Day	Date	Time	Notes
September 23	0400z	Wednesday	September 22	9 pm	

## Visiting W1AW

**W1AW is open to visitors** during normal operating hours: from 8 AM until 4 PM on Monday through Friday. FCC licensed amateurs may operate the station from 10 AM to 12 PM and 1 PM to 3:45 PM Monday through Friday. Be sure to bring your current FCC amateur license or a photocopy.

**ARRL Headquarters and W1AW are closed** on New Year's Day; Presidents' Day; Good Friday, Memorial Day; Independence Day; Labor Day; Thanksgiving and the following Friday; and Christmas Day.

## [Directions to W1AW and ARRL HQ](#)

## QSL Policy

A number of years ago, it was required that visiting operators make out QSL cards for each and every contact they made while QRV from W1AW.

While in the long-standing tradition of QSLing this once made perfect sense, over time it became apparent that this process lessened the importance of the QSL card. And, if nothing else, printing and postage costs became much more of an issue.

Therefore, we ask that amateurs who work us and would like a W1AW QSL card to send us theirs first and to please include a **SASE** (Self-Addressed-Stamped-Envelope). Foreign stations may either QSL in a like manner (but send along an IRC) or just "via the bureau."

## Getting Bulletins via the Internet

W1AW bulletins are available via email. ARRL Members can [register for the Members Only Web site](#) and select the categories of bulletins they wish to receive.

Anyone can subscribe to the **w1aw-list** mailing list to receive *all* W1AW bulletins via email:

**To subscribe:** Send an e-mail message to [w1aw-list-request@arrl.org](mailto:w1aw-list-request@arrl.org). In the **subject** of the message, type:  
subscribe *your email address*  
(Naturally, replace *your email address* with your actual email address!)

**To unsubscribe:** Send an e-mail message to [w1aw-list-request@arrl.org](mailto:w1aw-list-request@arrl.org). In the **subject** of the message, type:  
unsubscribe *your email address*  
(Naturally, replace *your email address* with your actual email address!)

An archive of [W1AW Bulletins, 1995-present](#) can be found on the ARRL Web site.

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## W1AW General Bulletins for 2004

[W1AW Schedule](#) · [Bulletins via email](#)

26-Aug-2004 [ARLB026](#) Two ARRL directors to step aside; balloting set in three  
 25-Aug-2004 [ARLB025](#) ARRL seeks comment on draft "Bandwidth" petition  
 24-Aug-2004 [ARLB024](#) Minnesota Elects New Section Manager  
 06-Aug-2004 [ARLB023](#) FCC says new vanity fee really goes into effect August 10  
 04-Aug-2004 [ARLS012](#) AMSAT-UK announces new amateur satellite project  
 04-Aug-2004 [ARLB022](#) FCC no longer issuing certain 2x3-format vanity call signs  
 29-Jul-2004 [ARLS011](#) AMSAT "Echo" Satellite to Open for FM Voice Trial Run  
 21-Jul-2004 [ARLX006](#) John D. Kraus, W8JK, SK  
 21-Jul-2004 [ARLB021](#) ARRL Board Okays Volunteer Grassroots Lobbying Effort  
 07-Jul-2004 [ARLB020](#) FCC Sets New Vanity Fee Start Date: August 6, 2004  
 29-Jun-2004 [ARLS010](#) AMSAT-OSCAR Echo Satellite Launched!  
 22-Jun-2004 [ARLX004](#) W1AW Field Day message to be transmitted on both US coasts  
 22-Jun-2004 [ARLS009](#) Ham gear on ISS to be turned off during space walk  
 11-Jun-2004 [ARLS008](#) AMSAT announces satellite developments  
 28-May-2004 [ARLB019](#) FCC extends reply comment deadline in BPL proceeding  
 26-May-2004 [ARLB018](#) FCC chairman responds to request to support ARRL restructuring

- 21-May-2004 [ARLX003](#) Longtime ARRL Staffer, SSB Pioneer By Goodman, W1DX, SK
- 19-May-2004 [ARLB017](#) Eight Section Managers returned to office
- 12-May-2004 [ARLS007](#) Ham radio-carrying rocket hopes to reach space
- 12-May-2004 [ARLB016](#) ARRL supports FCC's cognitive radio technology proposals
- 07-May-2004 [ARLB015](#) Minor FCC amateur rule changes effective June 1
- 23-Apr-2004 [ARLB014](#) Illinois amateurs support tornado relief, recovery efforts
- 20-Apr-2004 [ARLS006](#) Three Radio Amateurs on their Way to the ISS
- 16-Apr-2004 [ARLB013](#) FCC okays RF identification tags at 433.5 to 434.5 MHz
- 16-Apr-2004 [ARLB012](#) FCC proposes wide-ranging changes to Amateur Service rules
- 14-Apr-2004 [ARLB011](#) ARRL Requests Filing Deadline Extension in BPL Proceeding
- 12-Apr-2004 [ARLB010](#) FCC to Stop Accepting Pre-December 2003 Form 605
- 06-Apr-2004 [ARLX002](#) Well-Known Contester Bill Fisher, W4AN, SK
- 06-Apr-2004 [ARLB009](#) W1AW 2004 Spring/Summer Operating Schedule
- 31-Mar-2004 [ARLX001](#) W1AW/90 Operates Through 2004
- 31-Mar-2004 [ARLB008](#) Wyoming Gets New Section Manager
- 24-Mar-2004 [ARLB007](#) FCC invites comments on Amateur Radio restructuring plans
- 11-Mar-2004 [ARLS005](#) A glimmer of hope for AO-40
- 26-Feb-2004 [ARLS004](#) UO-11 Satellite to Mark 20 years in Space
- 24-Feb-2004 [ARLB006](#) Bunsold Wins San Diego Section Manager Election
- 12-Feb-2004 [ARLB005](#) FCC okays BPL proposal
- 12-Feb-2004 [ARLB004](#) Amateur Radio bills add cosponsors
- 04-Feb-2004 [ARLS003](#) AO-40 Command Team Plays Waiting Game
- 29-Jan-2004 [ARLS002](#) AO-40 Still Ailing
- 20-Jan-2004 [ARLB003](#) ARRL to Propose New Entry-Level License, Code-Free HF Access
- 16-Jan-2004 [ARLS001](#) Chiao to Sub for McArthur as Next ISS Commander
- 15-Jan-2004 [ARLB002](#) Pacific Section Manager change takes place early
- 05-Jan-2004 [ARLB001](#) W1AW 2004 Winter Operating Schedule

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## News For Amateurs:

Gateway 160 Meter Radio Newsletter Amateur Radio News 11/09/01 For This Week In Amateur Radio and the AMSAT Net:

The W0KIE Satellite Radio Network has moved to GE-7, Transponder 5; 7.5 Wideband Analog Audio.

Amateurs are requested to comment on the FCC NPRM that could result in harmful interference to stations in the 420 to 450 MHz Amateur band; resulting from new proposed part 15 operations. See <http://www.fcc.gov/efile/ecfs.html> To comment; Enter docket number RM-01278 in Proceeding box. Please read paragraphs 20 ÷ 27 before filing comments.



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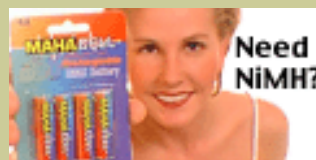
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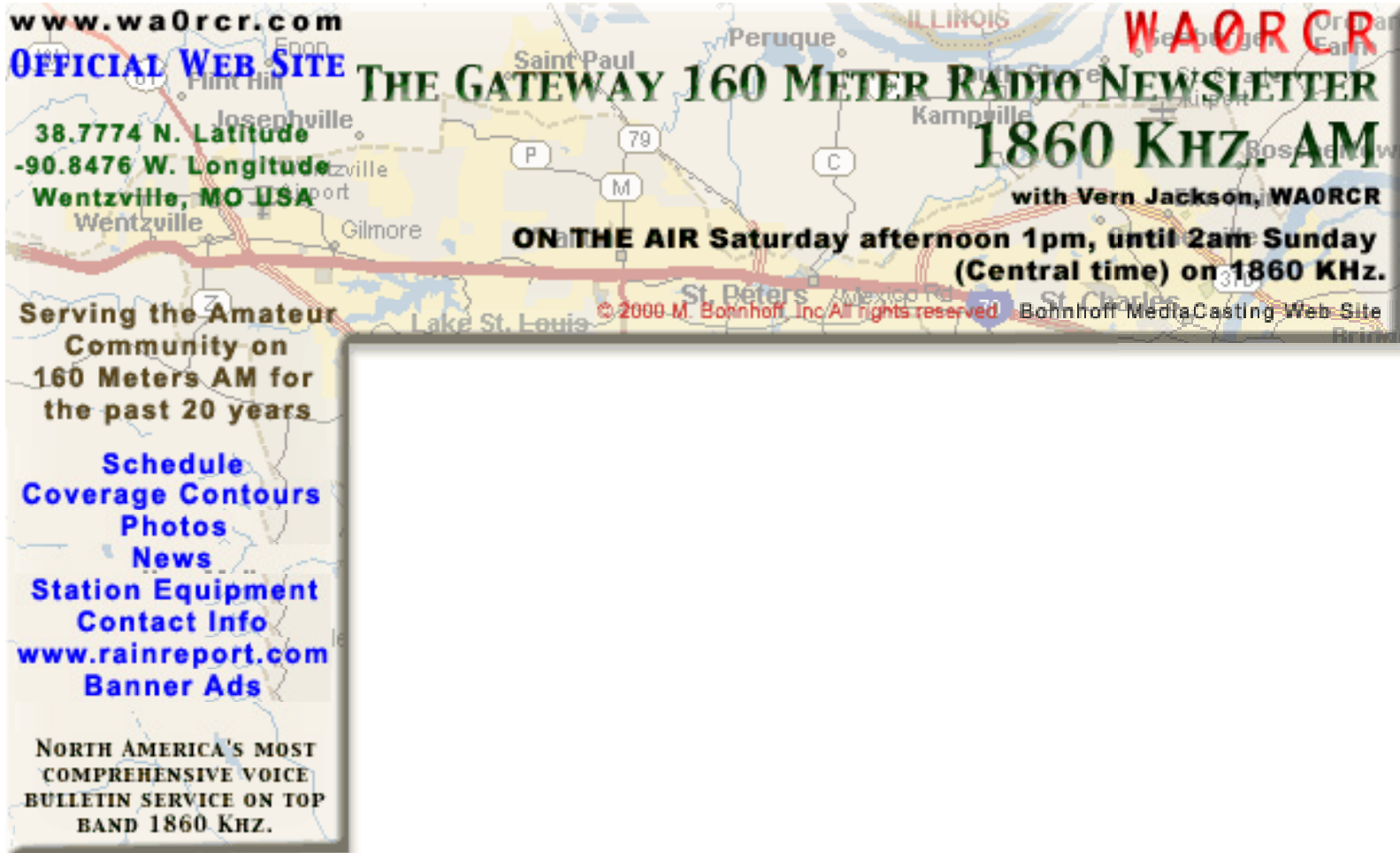
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## History of The Gateway 160 Meter Net; and The Gateway 160 Meter Radio Newsletter.

The Net began with a group of seven amateurs on 160 Meters on Wednesday May 1, 1979, on 1815 KHz. It was formed to promote 160 Meter operation; and form friendships between amateurs using the band; and to provide technical assistance for newcomers or old hands alike to 160. Also to encourage operation on 160 Meters on a regular basis throughout the year to help thwart FCC attempts to re-assign the lower part of the band (up to 1860 KHz) to AM Broadcast band use, due to under utilization by the Amateur service; (Sound familiar?) at W.A.R.C. 79. At that time; Amateur stations in the US and Canada had maximum use of and privileges, on frequencies in the 1800 to 1825 KHz range. Stations had more severe limitations; or were not authorized operation at all; on frequencies between 1825 and 2000 KHz, due to operation of LORAN A Radiolocation. In the years between 1979 and 1982, US limitations between 1825 and 2000 KHz were greatly eased; but Canadian stations (who made up 15 - 20 % of Net Check ins) were still under more severe limitations, or prohibitions on operations between 1825 and 2000 KHz, by DOC.

The Gateway 160 Meter Radio Newsletter began in July 1979. It emphasized 160 Meter activities and general concerns and news of interest to the Amateur Radio Community. With adoption of the ARRL Band plan in January 1982, and after much consideration with Net regulars and others in HAM radio, the decision was made around the beginning of February; to move to 1860 KHz. The FCC had opened 1800 to 1900 KHz, (Primary Allocation) for full time, full power operation by mainland US Amateur stations; and Canadian stations also enjoyed new greatly increased authorizations below 1875 KHz, on a full time basis. Also the ARRL Band Plan stipulated all scheduled phone operations be assigned frequencies between 1855 and 2000 KHz. These, plus several technical considerations led us to select 1860 KHz for the new net frequency. Extensive monitoring of the band afternoons and evenings revealed no existing scheduled operation on this frequency. On April 14, 1982 The Gateway 160 Meter Net began operation on the new frequency of 1860 KHz.

As mentioned earlier, The Gateway 160 Meter Radio Newsletter began during the Net in July 1979. Originally all items were read live from ARRL. and other sources. In September 1986, one of our regular Net members suggested that we also carry "The Westlink Amateur Network" for weekly ten minute newscasts. His local 2 Meter repeater had been carrying Westlink for some time; but when traveling out of town on business or vacation, he missed being able to hear the service. With our Net coverage area from WA0RCR of 42 States and 6 Canadian Provinces, the Net was a natural to provide wide area nighttime coverage of this fine service. Westlink News was added in October 1986, to supplement our Gateway 160 Meter Net Radio Newsletter on Wednesday nights. Around January 1987, it was suggested that the Net provide Westlink News Network at other times also, so that those who were not able to hear it on the Net could still catch the service at other times, propagation permitting. This allowed HAM's working second shift; Wednesday meetings; Church Choir practice; etc., to keep informed. After consideration, Westlink was aired on a schedule of 9 times a week; various times of the day as a service of the Gateway 160 Meter Net. In December of 1987, a new amateur radio

information network service "The BEAR Information Service" (later changed in 1988 to the "Radio Amateur Information Network", or RAIN) was added to the nine weekly information bulletins on 1860 KHz. The service was called "Ham News" until mid 1989 when the name was changed to "The Gateway 160 Meter Radio Newsletter" to link it in listeners minds with The Gateway 160 Meter Net. The bulletin schedule was fine tuned several times to provide the greatest service to the Amateur Community, while fitting into a weekly timetable that myself, and two other control operators could provide.

In April 1992, a satellite receiving system was installed; to allow receiving and airing of "Amateur Radio Weekly" from Los Angeles; (with a change in ownership in 1994; now known as "This Week In Amateur Radio") and "The Houston AMSAT Net;" both on the old "Let's Talk Radio Network." This allowed real time airing of nationwide amateur radio programming; without relying on long distance phone lines or multi-port Teleconference Bridge Networks; fed through phone hybrids, as in the past. The phone line charges used to run over \$ 26 for a two hour program, on a weekend. During many satellite networks beginning and then dying, The Gateway 160 Meter Radio Newsletter has continued to follow and carry these two excellent services. During times when no satellite distribution was available; these services would continue; fed by long distance phone line, to station WA0RCR. Amateurs could then listen directly; or feed the received audio to a local simplex or repeater frequency, for local distribution. Between 1989 and 1995; WA0RCR carried the IARN (International Amateur Radio Network) bulletin service 3 times a week, as a stand alone service, on 160 Meters. About this time, we began carrying St. Louis Amateur Radio Newslines; with news and classes/exam sessions from round the St. Louis, Missouri regional area. We have always carried Hamfest and Convention announcements; from around the nation; sent to the station for airing. These will soon be added to our Web Site, as well. The Gateway 160 Meter Radio Newsletter carried the launch of the Micro Sats and several space launches by phone line and satellite. In September 1996, due to job changes (I had started my own trucking company in November 1995); I was forced to discontinue "The Gateway 160 Meter Net" on Wednesday nights. The last net was called on September 25, 1996. With sadness I announced that I could no longer meet business commitments and continue as Net Manager and regular NCS. I announced that the Gateway 160 Meter Radio Newsletter would continue on Saturday Afternoon and Evening. Programming not occurring live on Saturday would be tape recorded for Saturday airing. This would be a full service bulletin, with all of the regular bulletin programming airing back to back all Saturday afternoon and evening. In addition, we occasionally carry special live programming, such as The AMSAT Symposium, which aired all Friday and Saturday 9am to 6pm, last October These special services will be announced on air and through our Web site, in the future. Myself; my XYL Dottie, KG0VN; and Bob KA0TVO handle programing; production; taping; and Control Operator duties at WA0RCR. Bringing you The Gateway 160 Meter Radio Newsletter on a reliable basis. (I am always looking for a couple more local radio amateurs, to assist in control operator duties. Of course, control OP's must hold at least a General Class Amateur Operator license.)

*This service continues to this day, 21 years after it's inception; on Saturdays from 1pm Central until after 2am Sunday morning on 1860 KHz.*

73

Vern

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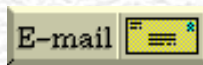
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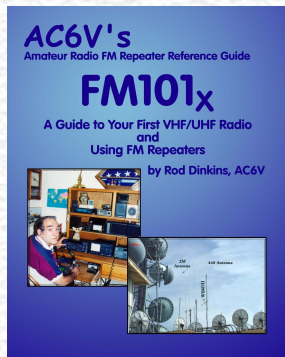
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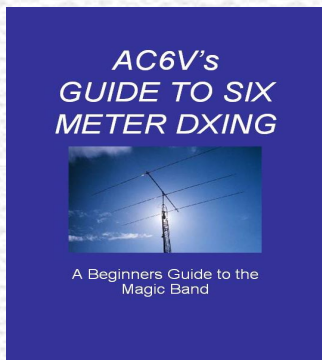
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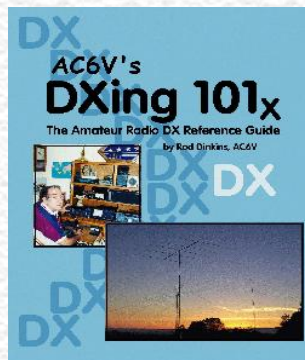
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**Hark! I Have Hurl'd My Words To The Far Reaches Of The Earth! What King Of Old Could Do Thus? ---**

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**One May Know Of The Whole World Without Leaving The Shelter Of Their Own Home -- Lao-Tse - 500**

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## Net Directory Introduction

### ARRL ONLINE NET DIRECTORY

[Printed edition available](#)

Edited by [Steven R. Ewald, WV1X](#)

The ARRL Online Net Directory shows Amateur Radio nets that have been registered with ARRL Headquarters net directory database. It primarily covers nets that are of interest to Amateur Radio operators in the United States and Canada. Worldwide coverage nets and maritime service nets are featured (as are National Traffic System Area and Region Nets) in the database. You can search the database for a particular net [here](#).

One focus of the directory is toward public-service oriented nets that support the ARRL National Traffic System (NTS) and the Amateur Radio Emergency Service (ARES). Further information about NTS and ARES activity in your area may be obtained through your ARRL Field Organization leaders. (See page 12 of *QST* for the list of ARRL [Section Managers](#).)

### Net Registration

Nets must be registered to be published in The ARRL Net Directory. To register a net through the web please go to this [page](#). As for the nets that are already listed, any information regarding updates or deletions is welcomed. Section and local nets should also be registered with the ARRL Section Traffic Manager. (ARRL HQ can refer you to your Section Traffic Manager.) Net Directory updates received via mail or email within the past few months will be merged into the directory this fall. New updates should be submitted using the [update form](#). The registration deadline for the next issue of the Net Directory is announced in *QST* and appropriate [ARRL Letters](#).

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antenna theory and a wealth of practical, how-to construction projects. Fully-searchable CD-ROM included. 20th edition.

---

*Page last modified: 09:40 AM, 19 Apr 2002 ET*

*Page author: [sewald@arrl.org](mailto:sewald@arrl.org)*

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---

SSTV Nets & Frequencies  
8/31/2004

902 - 902.8 MHz SSTV  
1295 - 1295.8 MHz SSTV

70 cm: (FM)

Every day		430.950 MHz	SSB SSTV Call Freq.
Every day		433.500 MHz	ENTRONCAMENTO RPTR CS1CRE
Tu-Sun	8 am CT	442.800 MHz	IL Carpentersville RPTR
Sunday	8 pm ET	443.700 MHz	MI Mason
Monday	8 am CT	443.575 MHz	IL Streamwood RPTR
Tuesday	8 pm	443.550 MHz	ON Brampton - Peel ARC VE3PRC RPTR
Friday	7 pm ET	442.950 MHz	FL Sarasota K4WCF RPTR PL100.0
Saturday	8 pm PT	443.975 MHz	CA Morro Bay RPTR PL 127.3
		446.200 MHz	CA Redding W6RAD

1.25 meters: (FM)

Every day		223.850 MHz	1.25 Meter Band SSTV Call Freq.
Tuesday	7:30 pm PT	224.080 MHz	CA Santa Barbara 223.48-IN WB9KMO Rod

2 meters: (FM)

Every day		145.500 MHz	2 Meter Band SSTV Call Freq.
Every day		145.600 MHz	2 Meter Band SSTV Call Freq.
Every day		144.550 MHz	SSB SSTV Call Freq.
Every day		144.500 MHz	Denmark Sydsjaelland also 144.525
Every day		145.500 MHz	WI Rochester K0JYB Dick/W9HWQ Duane
Every day		145.500 MHz	KS Wichita
		145.800 MHz	ISS downlink R0ISS
		145.990 MHz	ISS uplink R0ISS
Every day		146.805 MHz	ME York W1WQM Port City ARC RPTR
Every day		147.510 MHz	CA Redding Out-14.230 NN6AA RPTR
Every day		144.360 MHz	KY Bowling Green K4NQV RPTR
Every day		145.050 MHz	MD Annapolis W3ADO Naval Academy RPTR
Every day		145.500 MHz	WI Onalaska BEACON ON HOUR K0JYB/W9HWQ
Every day	7 am ET	144.340 MHz	IN/OH DIGITAL SSTV W9NTP & W8ZCF
Every day	6 pm EST	145.470 MHz	IN Vevay Digital SSTV RPTR NG9Y Bob
Every day	7:30 pm ET	146.475 MHz	IN Indianapolis IN W9VMT
Every day	8 pm ET	146.490 MHz	TX Bryan W5RAS W5DZ
Every day	8 pm EST	146.460 MHz	IN Mexico WB9VCL Robbie
Every day	8 pm CT	145.555 MHz	TX Temple N5TD
Every day		144.950 MHz	NC Raleigh KD4JWF Jose RPTR
Every day	9 pm ET	146.550 MHz	NC Fayetteville WB4IUY
Every day	9 pm ET	146.500 MHz	NC Fayetteville N4ZCG
Every day	?	144.150 MHz	IN Bloomington (USB) K9QDR Lee
Every day		147.240 MHz	TX Waco PL97.4 RPTR W5NCD
Every day	pm	145.700 MHz	PA Philadelphia N3GFC
Every day	?	145.500 MHz	KS Wichita K9HFX
Every day	9 pm ET	146.500 MHz	NC Gastonia 146.550 N5XMT
Every day	9 pm CT	144.360 MHz	KS Wichita (USB) K9HFX
Every day	? ET	144.440 MHz	NJ (USB) KA2HZO Ron
Every day	? ET	144.450 MHz	NJ (USB) KA2HZO Ron
Every day	8 pm ET	145.510 MHz	MI Detroit KC8SQG Jim - VE3SQB AL
Every day		144.975 MHz	Switzerland HB9HFG RPTR
Every day		144.500 MHz	Italy IK1JJJ RPTR
Every day		144.500 MHz	Italy IK5YBJ RPTR
Every day		144.500 MHz	Denmark OZ9STV RPTR
Every day		144.525 MHz	Holland PI6GRN RPTR

Every day		144.525 MHz	France TBL Club F5ZFK RPTR
Every day		145.400 MHz	Australia VK4GO RPTR
Every day	11:30 pm ET	145.500 MHz	NJ Ron KA2HZO
1st Sunday	7 pm ET	145.490 MHz	OH Columbus 179.9PL N8TUT
Sunday	10 am CT	144.515 MHz	WI Milwaukee KG9CW Bob
Sunday	2:30 pm CT	146.715 MHz	KS Mulvane KW0H RPTR - Bob N4BM
Sunday	4 pm CT	146.820 MHz	KS Wichita WØKA RPTR - Bob N4BM
Sunday	3 pm ET	146.670 MHz	FL Southwest Florida KE4KTZ
Sunday	3 pm ET	146.715 MHz	LA Wichita
Sunday	3:30 pm CT	146.820 MHz	KS Wichita WØKA RPTR - Bob N4BM
Sunday	4 pm ET	146.820 MHz	LA Wichita
Sunday	6:30 pm ET	145.560 MHz	OH Cincinnati K8STV/N8XYN
Sunday (1st)	7 pm ET	145.490 MHz	OH Columbus RPTR (PL179.9) N8TUT/AA8YY
Sunday	7:30 pm EST	146.970 MHz	IN Indianapolis RPTR (PL107.2) K9JRI
Sunday	7 pm CT	145.100 MHz	IL Springfield WB9UDB/W9FHB
Sunday	7:30 pm PT	146.700 MHz	CA Sunset Ridge/LA Fred KF6HQC
Sunday	8 pm ET	146.850 MHz	FL Pinellas W4ORM/KA3DBK Neil
Sunday	8 pm ET	145.230 MHz	OH NE Ohio RPTR W8HF Steve
Sunday	8 pm ET	145.500 MHz	OH Cleveland - K8MGH N8PZK Lou
Sunday	8 pm EST	146.835 MHz	IN Franklin RPTR (AFTER CLUB NET)
Sunday	8 pm CT	145.610 MHz	TX KINGWOOD/HUMBLE (AFTER TEAC CLUB NET)
Sunday	9 pm ET	146.805 MHz	ME/NH RPTR N1WBD Bob (PL127.3)
Sunday	9 pm CT	146.820 MHz	KS Wichita WØKA RPTR - Bob N4BM
Sunday	9 pm PT	145.500 MHz	WA Vancouver (USB) WA7MLD
Monday	7:30 pm ET	146.850 MHz	ME Winslow .82 .67 & 145.35 Ron W1SSF
Monday	7:30 pm ET	145.850 MHz	ME Central Maine
Monday	8 am ET	144.440 MHz	OH NE Ohio WB8TMR Dave
Monday	8 pm ET	144.500 MHz	VA Newport News K4VJB Bob
Monday	8 pm ET	146.670 MHz	FL Palm Beach W4WLR
Monday	8:00 pm CT	146.940 MHz	IL Mount Carmel RPTR
Monday	8:30 pm ET	146.670 MHz	VA Dublin KF4ABM Doug
Monday(1st)	8:30 pm ET	146.850 MHz	OH Chillicothe RPTR (PL74.4)
Monday	9 pm ET	145.170 MHz	NY Troy
Monday	8 pm CT	147.345 MHz	IL MO RPTR W9WG Jim
Tuesday	23:00 UTC	145.500 MHz	MI Detroit Tri County FM SSTV Net
Tuesday	6:30 pm EST	145.110 MHz	IN New Whiteland RPTR (PL88.5)
Tuesday	7 pm ET	146.730 MHz	OH Georgetown Grant ARC RPTR KC8OVO
Tuesday	7:30 pm PT	145.130 MHz	MA Amherst RPTR PL 123 KD1XP
Tuesday	7:30 pm PT	146.430 MHz	CA Santa Barbara WB9KMO Rod
Tuesday	8 pm ET	145.640 MHz	KY Louisville
Tuesday	8 pm CT	145.500 MHz	IL Springfield K7CZ Bill
Tuesday	8:30 pm EST	145.750 MHz	Australia Wagga VK2RWG RPTR
Tuesday	10 pm ET	145.470 MHz	NC Greensboro GARA RPTR PL100
Tuesday	19:00 GMT	144.320 MHz	UK England (USB)
Wednesday	pm	145.500 MHz	UK Northern Ireland GI4GTY LVARs
Wednesday	19:30 GMT	144.525 MHz	UK England Huthwaite M1CZR Dale
Wednesday	8 am ET	144.440 MHz	OH NE Ohio WB8TMR Dave
Wednesday	8 am ET	147.360 MHz	FL Tampa RPTR PL 127.3 - W3BL George
Wednesday	7 pm CT	144.370 MHz	IL Chicago
Wed (1st)	7:30 pm ET	146.670 MHz	OH Cincinnati OH-KY-IN ARC WA8LOJ Harry
Wednesday	7:30 pm CT	147.210 MHz	MO Joplin RPTR K5DMI
Wednesday	8 pm ET	144.220 MHz	MI Grand Rapids USB W8BRI Brian
Wednesday	8 pm CT	144.360 MHz	IL Chicago - N9ART Jim
Wednesday	8 pm ET	146.925 MHz	KY
Wednesday	8 pm CT	145.470 MHz	KS Kansas City RPTR KA5YFC
Wednesday	8 pm CT	145.500 MHz	MN St Paul/Minneapolis K0HZI
Wednesday	8 pm EST	146.550 MHz	Australia Albury/Wodonga
Wednesday	8 pm EST	145.500 MHz	IN Marion (147.195 RPTR) WA9SPT Bart
Wed/Th	8 pm CT	144.440 MHz	MO St. Louis KB9JJA Dale
Wednesday	8 pm CT	145.500 MHz	MN St Paul KDHZI
Wednesday	8:30 pm CT	146.820 MHz	KS Wichita WØKA RPTR Cheryl's Net

Thursday	7 pm	ET	147.150	MHz	KY
Thursday	7:30 pm	EST	146.970	MHz	IN Indianapolis RPTR (PL107.2) K9JRI
Thursday	8 pm	ET	146.490	MHz	IN Southern Indiana KB4YZ Dave
Th/Sat	7 pm	CT	145.500	MHz	AL Athens PL 100 AB4KK
Friday	8 am	ET	144.500	MHz	OH NE Ohio N8IXU Bob
Friday	1900	UTC	144.500	MHz	UK Swindon/WILTSHIRE
Friday	7 pm	ET	145.430	MHz	FL Sarasota 146.760 K4WCF RPTR PL100.0
Friday	8 pm	ET	144.500	MHz	VA Newport News K4VJB Bob
Friday	8 pm	ET	145.550	MHz	ME Winslow Ron W1SSF
Friday	8 pm	ET	145.850	MHz	ME Central Maine
Friday	10 pm	PT	147.300	MHz	CA San Francisco
Saturday	7 pm	CT	145.600	MHz	IL Georgetown KA9DZR Dennis
Saturday	7 pm		147.510	MHz	KS Mound City/Wichita 147.285 AA0CP
Saturday	7 pm		145.150	MHz	AL Athens RPTR WD4LPG/KK4QI/AB4KK
Saturday	8 pm	ET	146.880	MHz	OH Cleveland KA8VIT Bill
Saturday	8 pm	PT	146.860	MHz	CA Morro Bay RPTR PL 127.3
Saturday	9 pm	ET	145.210	MHz	VA Roanoke BVDS N4FHL Ben
Saturday	9 pm	CT	146.820	MHz	KS Wichita WØKA RPTR N4BM Bob
Saturday	9 pm	CT	147.285	MHz	KS Mound City/Wichita 147.51 MHz W0PT
Saturday	9 pm	ET	144.175	MHz	MI OH IN (USB) WB8DQT Ralph
SAT/SUN			144.5875	MHz	UK Chatteris Cambridgeshire JO02AL RPTR
?			147.120	MHz	KY Louisville AC4VV
?			145.640	MHz	KY Louisville KB9OVC
?			145.210	MHz	VA Roanoke N2EDE
?			147.510	MHz	CA Redding W6RAD
?			145.550	MHz	ON Barrie
?			147.480	MHz	NJ Cape May County N2JAI Bill

"MAGIC BAND"

6 meters: (FM)

			50.680	MHz	6 Meter Band SSTV Call Freq.
			50.950	MHz	SSB SSTV Call Freq.
Every day		pm	50.680	MHz	NE US - K1KHM DICK
Every day			50.500	MHz	France 50.6 F6IKY RPTR
?			50.360	MHz	SE US - AJ4N JOEY
?			50.680	MHz	NC Gastonia N5XMT
?			50.680	MHz	MI Detroit & Ontario Windsor
?			50.510	MHz	(USB ?)
?			50.200	MHz	
Every day	7:30 pm	ET	50.325	MHz	GA - KR4I Roger (USB)
Sunday	9:00 pm	PT	50.680	MHz	WA Vancouver (USB) WA7MLD
Tuesday	7:30 pm	ET	53.350	MHz	CT MA NH RPTR WB1EHD Dennis

10 meters: (USB)

			28.680	MHz	10 Meter Band SSTV Call Freq.
Every day			28.660	MHz	UK-Northern Ireland RPTR GI4GTY LVARIS
Every day			28.710	MHz	MA Haverhill RPTR N1WPN Wayne
Every day			28.690	MHz	KS Wichita RPTR KE0TV Don
Every day	7 pm	CT	28.360	MHz	AL Talladega BRYAN AC4BB
Every day	8 pm	CT	28.680	MHz	MS BURNSVILLE KX5I
Every day	9 pm	ET	28.680	MHz	NC Gastonia N5XMT
Every day			28.700	MHz	ON4VRB RPTR - 1750 Hz TONE / 431.025 FM
Every day			28.700	MHz	PORTUGAL CS6RPA RPTR
Every day			28.703	MHz	DA5MMB MULTI-MODE BEACON
Every day			28.740	MHz	UT Castle Dale KJ7S RPTR 1750 Hz TONE
Every day			29.240	MHz	K2JXW Jim NJ RPTR 1750 Hz TONE
Every day			28.670	MHz	
Every day			28.700	MHz	Italy I6DHY RPTR
Every day			28.700	MHz	Belgium ON4VRB RPTR

Every day		28.680 MHz	
Every day		28.686 MHz	Switzerland HB9AC RPTR
Every day		28.689 MHz	New Zealand ZL2CX RPTR
Every day	19:00 UTC	28.760 MHz	NJ KA2HZO SPACE CAM RPTR 1750 Hz TONE
Every day		28.900 MHz	Canary Islands EA8EE RPTR
Every day		28.673 MHz	Argentina LU5DT RPTR
Every day		28.690 MHz	NC Gastonia K3ASI RPTR 1750 Hz TONE
Monday	8 pm ET	28.435 MHz	VA Newport News K4VJB Bob
Wednesday	7:30 pm CT	28.680 MHz	MN St Paul/Minneapolis K0HZI
Friday	8 pm ET	28.435 MHz	VA Newport News K4VJB Bob
Saturdays	10 am CST	28.360 MHz	
Saturdays	7 pm CST	28.680 MHz	

"FREE BAND"  
11 meters: (USB)

Every day		27.700 MHz	France, Australia
Every day		27.800 MHz	
Every day		27.900 MHz	
Every day		27.420 MHz	Australia
Every day		27.495 MHz	
Every day		27.670 MHz	
Every day		27.860 MHz	
Every day		27.235 MHz	Northern Ireland

12 meters: (USB)

Every day		24.975 MHz	
-----------	--	------------	--

15 meters: (USB)

		21.340 MHz	15 Meter Band SSTV Call Freq.
Every day		21.340 MHz	TX Austin W3MRC 3M ARC RPTR
Every day		21.349 MHz	Australia VK6ET RPTR 1750 Hz TONE
Every day		21.334 MHz	JH6EOZ RPTR

17 meters: (USB)

Every day	14:00 UTC	18.160 MHz	WA1RKA John & WA4IRE Marc
Every day	13:00 UTC	18.1625 MHz	TX WACO W5NCD Larry

20 meters: (USB)

		14.230 MHz	20 Meter Band SSTV Call Freq.
		14.233 MHz	20 Meter Band SSTV Call Freq.
		14.240 KHz	Europe SSTV Call Freq.
Every day		14.233 MHz	Puerto Rico KP4EMP RPTR
Every day		14.236 MHz	Australia VK3DNH RPTR
Every day		14.236 MHz	New Zealand ZL4OI RPTR
Every day		14.239 MHz	Australia VK2ISP RPTR
Every day		14.239 MHz	Australia VK6ET RPTR
Every day		14.227 MHz	Australia VK6ET RPTR
Saturdays	15:00 UTC	14.230 MHz	IVCA NET
Saturdays	18:00 UTC	14.230 MHz	W1JKF BROOKS
Sundays	12:30 am ET	14.235 MHz	EASTERN US
Sundays	15:00 UTC	14.235 MHz	XE1L
Tu & Th	18:00 UTC	14.236 MHz	W9NTP
Every day		14.241 MHz	VK'S
Every day		14.236 MHz	Australia VK3DNH RPTR
Nightly		14.227 MHz	Eastern USA

40 meters: (LSB)

		7171 KHz	40 Meter Band SSTV Call Freq.
		7171 KHz	Europe DIGITAL SSTV Call Freq.
		7043 KHz	Europe SSTV Call Freq.
Every day		7050 MHz	Australia VK6ET RPTR
Every day	7:30 am ET	7270 KHz	Midwest US W8ZCF/W4HTB
Every day	9 am ET	7233 KHz	
Every day	10 am ET	7228 KHz	K2ZVL KA2HZO KB1HJ - NE US
Every day	15:00 UTC	7228 KHz	K2ZVL KA2HZO KB1HJ - NE US
Every day	17:00 UTC	7228 KHz	DIGITAL SSTV
Every day	3 pm ET	7228 KHz	Midwest US WB8BPK Deano
Every day	4 pm ET	7228 KHz	KA2HZO KB1HJ - NE US
Every day	7 pm ET	7177 KHz	KA4P BT - EAST US
Every day	2:00 UTC	7175 KHz	K4ZET Charles - SE US
Every day		7173 KHz	Honduras HR2KOS RPTR
Sundays	10 am CT	7153 KHz	TX W5FJS Wayne
Weekends	10:30 am CT	7228 KHz	KK5RR
Saturdays	14:00 UTC	7170 KHz	WA9HCZ & WOPHD
Weekdays	noon ET	7173 KHz	Midwest US KB4YZ Dave
Weekdays	3:30 pm CT	7153 KHz	TX W5FJS Wayne (ALSO 7164 KHz)

80 meters: (LSB)

		3845 KHz	80 Meter Band SSTV Call Freq.
		3730 KHz	Europe Call Freq.
		3733 KHz	Europe DIGITAL SSTV Call Freq.
?		3825 KHz	
Every day	6 am ET	3920 KHz	Puerto Rico KP4CAO Carlos
Every day	7:30 am ET	3817 KHz	Midwest US W8ZCF/W4HTB
Every day	8 am CT	3872.5 KHz	Midwest US N9CQH Lex
Every day	10:00 UTC	3733 KHz	UK G4XBE John
Every day	10:30 UTC	3920 KHz	Puerto Rico KP3A Al
Every day	10 am ET	3860 KHz	Eastern US KB1HJ
Every day	7 pm ET	3813 KHz	Eastern US KA4P BT
Every day		3863 KHz	RPTR - Eastern US/Canada VE9MB Murry
Every day		3720 KHz	France TBL Club F5ZFJ RPTR
Every day	9 pm ET	3863 KHz	Eastern US
Every day		3863 KHz	Grand Manan NB VE9MB RPTR
Every day	9 pm PT	3840 KHz	Western US W6MKU
Every day	10 pm ET	3813 KHz	Eastern US K4ZET
Every day	11 pm ET	3853 KHz	Eastern US
Every day	22:30 pm PT	3845 KHz	Western US W7PD/W6OBB
Weekdays	7 am ET	3857 KHz	Eastern US W3YAH/KC3AF
Weekdays	8 am ET	3845 KHz	Eastern US
Weekdays	8 am ET	3855 KHz	Eastern US
Weekdays	9:30 am ET	3903 KHz	Eastern US W1DQO
Weekdays	1 pm ET	3856 KHz	Midwest US (3854 KHz)
Weekdays	4 pm ET	3857 KHz	Eastern US W3YAH/KC3AF
Weekdays	pm ET	3975 KHz	Eastern US K4AIX
Weekdays	pm ET	3995 KHz	Eastern US K4AIX
Fridays	DUSK	3815 KHz	Eastern US WA9RSR Robbie
Saturdays	7 am CT	3857 KHz	MN K6AFW Art - W0WVO Jerry
Saturdays	DUSK	3813 KHz	Eastern US WA9RSR Robbie
M/W/F	8 am ET	3868 KHz	Midwest US W8BUK Tom
Wednesday	7:30 pm AT	3863 KHz	Eastern US/Canada VE9MB Murry

"TOP BAND"

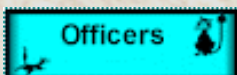
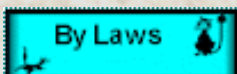
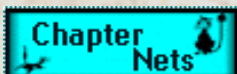
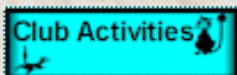
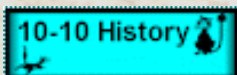
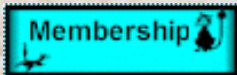
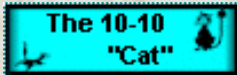
160 meters: (LSB)

		1890 KHz	160 Meter Band SSTV Call Freq.
Every day	6:30 pm CT	1868 KHz	SE US AF4PX Darrell

Every day	10 pm ET	1918.5 KHz	Eastern US	KB1HJ Wayne
Weekdays	4 pm ET	1910 KHz	Eastern US	
Weekdays	7 pm ET	1862 KHz	Eastern US	K4AIX
Weekdays	8 pm ET	1916 KHz	Eastern US	
Weekdays	9 pm ET	1950 KHz	Eastern US	
Mon/Wed/Fri	3 pm ET	1865 KHz	Eastern US	K8JGY
Tu/Thur	7 pm CT	1884 KHz	Texas W5FJS	Wayne
Wednesday	7 pm CT	1868 KHz	Texas W5FJS	Wayne
Fridays	3 pm ET	1910 KHz	Eastern US	

Please notify Dave - KB4YZ of updates and corrections: [djones@tima.com](mailto:djones@tima.com)  
Updated list is available at: <http://www.tima.com/~djones/net.txt>

## 10 - 10 Quick Links Directory



--- You have to make contacts to get results! ---

## What is 1🌐-1🌐 ?

Ten-Ten International Net, or 10-10 for short, is an organization of amateur radio operators dedicated to maintaining high levels of amateur radio communications on the 10-meter amateur band (28.0-29.7 MHz). Established in 1962, 10-10 has grown continuously since that day, with some ups and downs according to the numbers of sunspots and the openness of the band. As you read this, the number of 10-10 numbers issued to members is over 70,000. 10-10 would welcome your membership in the organization if you have an amateur radio license with 10-meter privileges.

10-10 is a volunteer organization with no paid officers. Although 10-10 does contract for certain services to ensure that each member receives his or her quarterly issue of **10-10 News**, the 30+ page journal of 10-10 activities, the real work of providing services for members falls on the shoulders of dedicated volunteers.

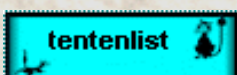
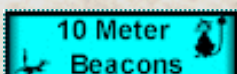
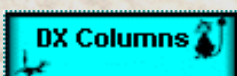
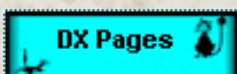
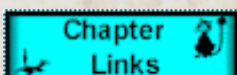
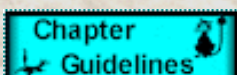
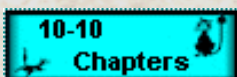
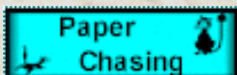
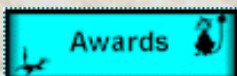
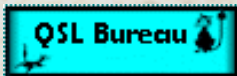
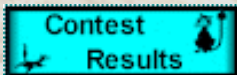
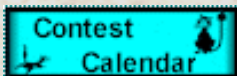
This introductory page to the 10-10 Web site can be your guide to extensive information about 10-10 and its activities. The links will present you with information files on a host of subjects of interest to members and prospective members. Feel free to browse. If you would like to view or download a copy of the full 10-10 logos, both past and current, then click here on [TENCAT](#).

## The 1🌐-1🌐 Mission Statement

10-10 offers the 10-meter enthusiast the opportunity to share in a wide variety of activities internationally, not the least of which is meeting new and old friends. By keeping the band active through participation in 10-10 nets, QSO parties, and certificate collection, 10-10 offers both satisfaction and challenges, while promoting learning and courteous operating practices. The combination of on-the-air activities, awards, a bi-annual convention, and the **10-10 News** creates an unusually strong bond among 10-10 members.

## Information for New and Prospective





# Members

The following pages contain information to acquaint you with the 10-10 organization, its officers and members, and its activities.

[New Member Information](#) : an overview of 10-10 with frequently asked question and to whom to submit membership applications.

[New Member Form](#): a form you may use to qualify for membership in 10-10 International.

**Special Note:** The membership application and certain other [key forms](#) are available in PDF formats from the link indicated. Some forms are also available in HTML format. The advantage of the PDF format is that it prints correctly without trial and error. However, it does require that you have a copy of Adobe Acrobat Reader 4.0 (or above) installed: the program is available free from <http://www.adobe.com/acrobat>. The PDF forms were constructed by Bob Munro, W1AMF, and other members.

[History of 10-10](#) : a brief history of how 10-10 came into existence and how it has evolved since then.

[10-10 Activities](#) : brief descriptions of typical 10-10 activities on 10 meters, including a list of 10-10 operating awards.

[10-10 Nets](#) : a listing of the daily 10-10 nets and the nets sponsored by chapters affiliated with 10-10. 10-10 holds a daily (except Sunday) SSB net on 28.8 and 28.380 MHz at 1800Z and a weekly (Monday) CW Net on 28.1010 MHz at 1700Z. [CW Net Procedures](#) are available at this site.

[Bylaws of 10-10 International](#): the fundamental organizing document of 10-10, provided as a reference to all members.

[Officers and Managers](#) : a list of officers, directors, and volunteer managers performing services for the membership of 10-10, including names and addresses. Listings include e-mail addresses and a "mail-to" link for easier communications.

[Committee Appointments](#): a list of Board and standing committees for the current year as a reference so that you can most relevantly address ideas, comments, suggestions, and concerns.

To receive a **10-10 Information packet** containing all this and other information about 10-10 ("everything you would want to know about 10-10"), send \$2 and a return address label to the 10-10 Data Manager:

Data Manager  
10-10 International Net, Inc.

PMB 142  
643 North 98th Street  
Omaha, NE 68114-2342  
e-mail: [wa6poz@arrl.net](mailto:wa6poz@arrl.net)

**Note to all current and past members:** Send all renewals, inquiries about lost or forgotten 10-10 numbers, and changes of data (call, name, and address) to one of these two addresses:

**US Members:**

Data Manager  
10-10 International Net, Inc.  
PMB 142  
643 North 98th Street  
Omaha, NE 68114-2342  
e-mail: [wa6poz@arrl.net](mailto:wa6poz@arrl.net)

**DX Members:**

DX Manager  
Carol Hugentober, WA8YL, #29588  
4441 Andreas Avenue  
Cincinnati, OH 45211-2622  
e-mail: [wa8yl@juno.com](mailto:wa8yl@juno.com)

**[Membership Renewal Form](#):** a form you may use to renew your membership in 10-10 International

**Credit Card Applications and/or Renewals:** The best way to make a new application or to renew is via regular post. However, U.S members who wish to charge their applications or renewals to a credit card may use a FAX to 402-891-2481. An approved new member application or renewal form (such as the ones available at this site) must be used. Since a credit card charge is involved, credit card information must include the cardholder's name, telephone number, and cardholder's signature. At present, internet application and renewal are not available because security cannot be assured by this route.

## The Business Side

The Board of Directors of 10-10 holds an annual meeting of itself and of the Scholarship Fund board annually. The [Agenda](#) for these meetings is available at this link in PDF format.

The [Minutes](#) of the latest complete meeting are available via this link.

## Operating Contests

Each year, 10-10 sponsors 2 CW contests and 2 phone contests to encourage maximum cordial activity on the 10-meter band. In addition, there is a 10-10 Day (October 10) 24-hour Sprint. A 10-10 QSO Party brochure is available from the Information Manager or the Contest Manager, although almost all of the information is available in the following listings:

**[Contest Calendar](#)**: a list of the dates and times for the 4 10-10 annual QSO parties and the 10-10 Day Sprint for the coming year

**[Contest Rules](#)**: a uniform set of rules for all 10-10 contests, including the 10-10 Day Sprint.

**[Cover Sheet](#)**: a form that must accompany all contest entries.

**[Contest Results](#)**: listings of the most recent contest results, with the understanding the they are preliminary. Official results appear in the *10-10 News*.

A number of **[useful contest and DX-related forms](#)** can be downloaded in .PDF format for those who have a copy of Acrobat Reader 4.0 (available free from Adobe). These forms will permit you to print perfect copies, since they are pre-formatted and do not need trial versions to set your browser font size. The forms are made available thanks to the work of Bob Munro, W1AMF.

## 10-10 -10 Operating Awards

10-10 sponsors many categories of operating achievement awards for its members. Among them are 10-10 WAS, DX Countries Award, certificates for working 10-10 members, 10-10 WAC, 10-10 Mobile, and many others.

The **[Awards](#)** page provides the basic rules for each of 10-10's many certificate programs, as well as a listing of the names and addresses of the volunteers who administer the various 10-10 award programs. If a highlight appears within an award listing, a further detailed procedures outline is available.

## Chapter Activity and Paper Chasing

10-10 has numerous local chapters all over the world to encourage local activity and provide other avenues for contacts among 10-10 members. For your convenience, we maintain a **[list of chapters](#)** and the names and addresses of their heads and their certificate managers.

If you are interested in forming a chapter and affiliating it with 10-10, see the **[10-10 Chapter Guidelines](#)** and the associated application form (to be submitted to the Chapter coordinator).

One popular 10-10 activity is collecting and upgrading operating awards (certificates) sponsored by various chapters of 10-10.

[How to Be a Paper Chaser](#): a beginner's guide to the art and the courtesies of collecting and upgrading chapter awards.

[10-10 Chapters On-Line](#): a menu of links to chapter descriptions and basic certificate rules.

## 1 -1 DX

DXing, including pursuit of the 10-10 Worked All Countries Award, is a popular operating activity. Countries Award Manager, Russ Gauthier, N5EJS, has put together a collection of [10-10 DX](#) pages to help DXers acquire the award and work on upgrades more effectively.

[N5MT's Latest DX Column](#), supplied by Mike Davidson, N5MT, DX columnist for *10-10 News*, to keep you up to date on 10-meter DX happenings.

[World-Wide 10-Meter Beacons](#), supplied by Bill Hays, WJ5O. Listening for beacons can give you a good idea of band conditions.

## 1 -Meter Operations Aids

To support 10-meter operations, we make available 10-meter op aids provided by 10-10 members.

[XXIQ](#), the smaller official 10-10 call and number data base, can be downloaded as a ZIP file from this link. Data Manager WA6POZ will update the file on a regular basis. To open the file, you must unZIP it and use it on your own PC. Place the downloaded file in a directory called XXIQ when you unZip the file and use it.

[XXIQ for MAC](#), is a version of XXIQ written by Phil Heaton, N4BBQ, #66137, for the Mac OS X. The main link will take you to Phil's site, while you may [download](#) directly from this link.

[FCC Database and Search Programs](#), supplied and regularly updated by K4HAV. These are programs, described on Jim's instruction pages, that allow you to download a ZIPped FCC database that is either complete (very large) or restricted to 10-10 members (moderate), along with ZIPped search and support programs. Once you unZIP the files, you can search the database offline for QSL and list-swap information.

[WhichNet](#), by N9UKX of the Steel City Chapter. Gives you a look at which net is currently on and a way to look up nets for specific times and days.

[On-Line Call Sign Look-up](#) is available at this link, maintained by WM7D. Use this link to obtain addresses for QSLing.

WM7D also has a [10-10 number look-up](#) facility. 10-10 thanks Mark Downing, WM7D, for maintaining this service for 10-10 members.

Note: if you discover out-of-date 10-10 information on yourself, please send up-dated information to the Data Manager, WA6POZ (listed above), **not** to the providers of callsign and number look-up services.

[A U.S.A State-to-County Map](#) and lists of counties in each state are available as a service of the Steel City Chapter of 10-10.

**An-Ten-Ten-nas:** The long-running (nearly 9 years) antenna column in each issue of *10-10 News* is now available in book form. The first 30 columns contain useful antenna information for both the home brew enthusiast and the individual who simply wants his or her system to work right. The cost is #12.95 (USD) plus S&H (\$5 to US postal codes, \$8 for all others). The book proceeds support the 10-10 Scholarship Fund. Order from

10-10 International Net, Inc.  
PMB 142  
643 North 98th Street  
Omaha, NE 68114-2342

## Links

There are two sets of "Links" pages:

One set contains [links to other amateur radio pages](#) of interest to 10-10 members and other hams. The list will be incomplete, but it will connect you to sites with more complete sets of linkages. Consider it a starting point to your ham surfing activities.

The second set lists [10-10 members who have home pages](#). You will be interested in the many different interests that make 10-10 the great fellowship that it is.

If you prefer the interaction of [e-mail lists](#), click here for a list of lists related to amateur radio supplied by N9UKX.

## TENTENLIST

In addition to this Web site, 10-10 also maintains an e-mail subscription list as a service to members and others interested in 10-meter operation. Members and others interested in 10-meter operations exchange information and pose questions on any and all phases of 10-meter activity, operations, and equipment.

[Subscription information](#) is available at this link. Subscription is a two-step process in order to eliminate, to the degree possible, spam from the list distribution.

You will next receive a welcome message outlining the features of the e-mail list. To give you an advance view of how the e-mail list works and the code of conduct to which one agrees when subscribing, we have placed a copy of the [Welcome Message](#) among these pages.

## 10-10 Memorabilia



[10-10 memorabilia](#), including member badges, QSL cards, personalized coffee mugs, and other items are available from The Signman of Baton Rouge.  
Rick Pourciau, NV5A  
879 Castle Kirk  
Baton Rouge, LA 70808-6020

## Questions

If you have questions about any aspect of 10-10, please contact one of the officers or directors, or the volunteer manager who administers the service: [Officers and Managers](#).

If you have questions about the contents of this website, please contact [webmaster@ten-ten.org](mailto:webmaster@ten-ten.org)

*Updated 09-01-2003*

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The 10-10 collection of Web pages is maintained through the courtesy of Sage-American.

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# Adventist Amateur Radio Association

*An International Fraternity of SDA Amateur Radio Operators*

The [Adventist Amateur Radio Association \(AARA\)](#) is a membership of Ham Radio operators throughout the world that belong to the Seventh-day Adventist church. The AARA runs several nets throughout the week at various times for fellowship and information. [Officers](#) are elected every five years. If you are not yet a [member](#), please consider joining, we'd be glad to have you!

The [e-mail and web page list](#) of Adventist Amateur Radio operators is listed on this page. Feel free to check it out as often as you like and please help us to keep it up-to-date. If you know of changes that need to be made, or new people to add to the list, please send an e-mail at the link below.

---

## Other Links:

- [AARA Constitution & Bylaws](#)
- [AARA Nets & Schedules](#)
  - [AARA QSO Party](#)
- [Adventist Ham Radio Clubs](#)
  - [Adventist Repeaters](#)



**You can send e-mail to: [adventistara@qsl.net](mailto:adventistara@qsl.net)**

Please take a minute to  
[Sign Our Guestbook](#) & [View Our Guestbook](#)

Thank you!

**You are visitor number** Counter **on** 09-06-2004  
09:02 PM **ET**

Web page maintained by [Tom Turk, KM4VI](#).



Welcome to the only Official Website of Amateur Radio  
Newsline™

[www.arnewsline.org](http://www.arnewsline.org)

Amateur Radio Newsline™ #[1412](#) script, text and MP3  
version dated [9/3/2004](#) are online now...

*United We Stand ...*



*This is the United States of America calling ...*

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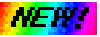

**Hot Topics**

Search for:




## Ham Radio Helps The Nation Cope

- [Send complaints via email to FCC](#)
- [Civil Air Patrol Photos of Lower Manhattan Devastation](#)
- [Why the World Trade Center Buildings Collapsed](#)
- [FBI Website for filing tips](#)
- **FBI terrorist tip line - (866) 483-5137**
- To help via the [American Red Cross](#)
- [Click for a printable U.S. flag](#)
- [WA6ITF on Heroes](#)

- 
- ROY NEAL, K6DUE, AMATEUR RADIO MENTORING PROJECT - [Press Release, Background Information.](#) 
  - THIS JUST IN: [ARISS to celebrate](#) the legacy of Roy Neal, K6DUE 
  - VEC petition filed to end morse code testing. Download: [Rich Text PDF](#) 
  - WRC 2003: [Final Wrap Up](#) from the International Amateur Radio Union
  - SPECIAL BULLETIN: [WRC 2003 Actions](#) on Worldwide Ham Radio Rules
  - Photo of [tile from Shuttle Columbia](#) taken by David Black, KB4KCH, nephew in North Texas.
  - Photo of [AE5DW and WA6ITF](#) recording Newsline live at Hamvention 2003
  - [How to contact the ISS](#)
  - [Support Fund Update](#)
  - [ARNewsline\(tm\) at 24!!!](#)
  - [New Element 2 syllabus released for public review.](#)

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## Young Ham Of The Year Award

- **Amateur Radio Newsline™ Young Ham of the Year 2004 Nominations are now open!** 
  - Download YHOTY 2004 forms here: [[txt](#)] [[doc](#)] [[rtf](#)] [[pdf](#)] Rules: [[doc](#)] [[pdf](#)]
  - [Jay Thompson, W6JAY](#), named **2003 Amateur Radio Newsline™ Young Ham of the Year**
  - [Josh Abramowicz, KB3GWY](#), named **2002 Amateur Radio Newsline™ Young Ham of the Year**
  - [Huntsville Hamfest Photos](#) - 2002 Young Ham of the Year Awards presentation
  - [Huntsville Hamfest Photos](#) - 2001 Young Ham of the Year Awards presentation
- 

## Features

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- [What](#) is Amateur Radio Newsline™
- ARNewsline™ [Staff Interviews and Website Links](#)
- [Phone numbers to get ARNewsline™](#) for airing on a repeater
- [How can I contact ARNewsline™ to send a story](#)

### How you can support ARNewsline™

- [How can I support ARNewsline™ operations](#)

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- [This Week's ARNewsline™ Script](#)
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# ARNewsline™ Audio

- [TAPR](#) - Streaming Real Audio
- [Wireless Institute of Australia Queensland](#) - ITU Region 1 & 3
- [Bonhoff Media Services](#) Real Audio (Streaming)
- [ACCS Labs in California](#) - Several streaming formats.
- [ARNewsline™](#) by phone line 24 hours a day: Call (661) 296-2407

## Amateur Radio Newsline™ aired on these repeaters

- [Repeaters](#)

Check out the exciting [Links](#) page.

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## To Contact ARNewsline™ or Webmaster



- Send e-mail to Bill Pasternak, WA6ITF at: [newsline@arnewsline.org](mailto:newsline@arnewsline.org)
- or send comments and suggestions to: [wd0ako@arnewsline.org](mailto:wd0ako@arnewsline.org)

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Last revised 9-3-2004 - Version 2.0

*This page is designed and maintained for Amateur Radio Newsline™*

by *WD0AKO - Dale Cary Webmaster & AE5DW - Don Wilbanks Asst. Webmaster.*

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## **Amateur Radio Unidentified Flying Object Net**

**Tuesdays & Saturdays at 0100 Zulu on 3.9777 Mhz LSB**

**7 PM CST - - 8 PM EST**

**Our alternate frequency when 75 meters is unusable  
will be in the 40 meter band on 7.237 LSB Mhz or close**

### **Venus Transition**

Photo below taken with a Nikon D100 RAW format  
using a 400mm Tokina telephoto lense which has  
an equivalent focal length of 600mm with the D100.  
Exposure was at f5.6 1/500 of second.



[Weather Updates](#)

[SWL Report from Mars](#)

[I Was Mooned!](#)

["Science and the Failure to Investigate" by Leslie Kean](#)

in Adobe Acrobat format

**Ever wonder what your chances of  
witnessing celestial or anomalous events might be?**

[Click to find out.](#)

an international annual review devoted to the scientific study of ufo phenomena,  
editor in chief, R. Farabone, (reprint)

[Join Arufon on Yahoo Groups](#)



Welcome to the web site of Amateur Radio UFO Net: ARUFON.  
Amateur Radio operators with an interest in the subject of UFOs  
and holding a valid license granting operating privileges  
on the net frequency are encouraged to participate.

If you are a Short Wave Listener who has enjoyed listening to our net  
and would like to communicate with us, please feel free to do so.

You may address your comments to the e-mail address shown on the page.

If you came to this page from one of the search engines  
and have no idea what those numbers and letters at the top of our page mean,  
don't despair! We will be glad to help you find out more about Amateur Radio,  
or tell you how you can hear the net on your Short Wave Receiver.

Just e-mail us below with your questions.

On the page you will find a sampling of links to some of the other  
[UFO](#), [SCIENCE](#), and [RADIO](#) related sites on the web.

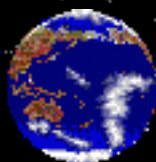
The list is not intended to be inclusive, but rather to provide a starting point  
for cyber surfing to some of the topics that have been discussed by ARUFON.

Just point your mouse to them and click. Thanks for listening!

[VIEW OUR GANG](#)



Click on the aliens to report a sighting!



[Email any Comments or Questions to this address](#)

Created by: Ken, KB9I

last update 07/27/2003



ARUFON



850 Sligo Ave. Suite 600  
Silver Spring, MD 20910  
1-888-322-6728

## The Radio Amateur Satellite Corporation

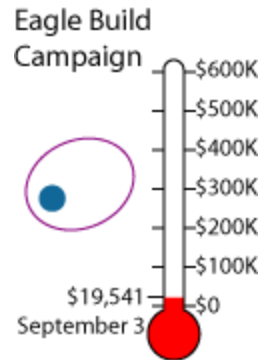
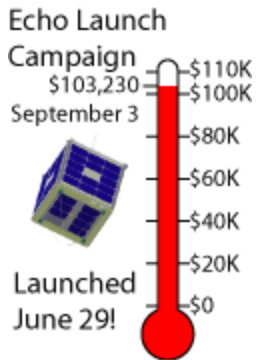
- [Launch Pad](#)
- [Navigator](#)
- [Sat Status](#)
- [Membership](#)
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- [Store](#)
- [Members](#)
- [Contact Us](#)

### The Future of Amateur Radio - Space!

contribute to launch the next generation satellites by clicking on the appropriate campaign!

Although Echo has been launched, donations are still needed to defray the costs. Echo offers capabilities appealing to users with a wide range of interests, from "EasySat" operations to scientific experiments. Visit the project page for more information.

[Visit the Echo Project Page](#)



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[the leadership, our mission, activities and programs](#)



#### 2004 Symposium

[agenda, information and registration forms](#)



#### New to Satellites?

[Articles geared for new satellite users](#)



#### Satellite Information

[status, frequencies and satellite history](#)



#### News from ANS

[the latest news from ANS, articles in the archive](#)



**ARRL**  
The national association for AMATEUR RADIO

### The Latest News ...

#### 2004 Symposium Countdown

The 22nd Annual AMSAT Symposium and Annual Meeting, to be held on October 8-10, 2004, is fast approaching. **There are only 30 days left** until the symposium begins! Call Martha at 1-888-322-6728 today to register and reserve your place attendance at the conference.

The symposium committee has an outstanding venue in store for you. You have a few short days to make your reservations to the meeting at the lower prices. After September 8, the registration costs for the Symposium jumps from \$35 to \$40. If you haven't done this or made your reservation at the Hotel, please do so immediately.

Here are some of the highlights and latest information that we have in store for you. More will be coming soon. Check the AMSAT web site often for the latest details.

You can find more information in the Symposium section on AMSAT.ORG.



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[glossary, articles, FAQs and Area Coordinators](#)



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[volunteer survey, and the Volunteer Reporting System](#)



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[the latest about the International Space Station](#)

### Hurricane Charley Hits Orlando Lab



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## Contests

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[sign up or renew your  
membership online](#)

Hurricane Charley made its way across Florida, passing directly over the Orlando Executive Airport, home of the AMSAT Laboratory. Hurricane Charley hit Orlando about 8pm EDT August 13, 2004 with sustained winds estimated at about 100mph. [These photographs](#) were taken by Lou McFadin W5DID on August 18th, five days after the hurricane hit.

Fortunately the AMSAT members in the area survived with relatively minor damage but the hangar that houses that AMSAT Lab has been condemned due to structural damage and will have to be torn down. AMSAT's equipment and parts inventory are in good shape but AMSAT has less than two weeks to move out and find temporary storage for our equipment. We will also need to begin a search for a new facility to support the Eagle satellite development.

AMSAT's insurance does not cover the costs of temporary storage or of moving to a new facility. Please help by sending a tax deductible donation to **AMSAT's Hurricane Fund** that will be used to get the AMSAT Lab back in operation as soon as possible.

AMSAT is a 501(c)(3) organization, so your donation should be tax deductible in the U.S.

*[Contributed by Rick Hambly W2GPS, 18 August, 2004]*



*Updated: 23 Aug, 04*

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## ISS Cross Band Repeater Off

The crossband repeater experiment, announced August 28, was shut down with the other ARISS gear September 2 in preparation for a September 3 space walk. The Amateur Radio equipment aboard the ISS will be powered back up no sooner than 1700 UTC on September 4, said ISS Ham Radio Project Engineer Ken Ransom, N5VHC.

Astronaut Mike Fincke [KE5AIT] reported hearing stations actively using the repeater over North America, the southern portion of South America, South Africa, Europe, Australia and Japan," Ransom said. Fincke himself made QSO's using the callsign NA1SS.

The Phase 2 gear was scheduled to return to RS0ISS packet operation following the space walk, but the repeater experiment could be back for a "repeat" performance. ARISS International Team Chairman Frank Bauer, KA3HDO, said the crossband repeater test provided an opportunity to further experiment with the ISS Amateur Radio system.

*Updated: 04 Sep, 04*

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For the latest news visit the [ANS section](#) of AMSAT.org

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*Site concept and design by [Emily Clarke WØEEC](#)*

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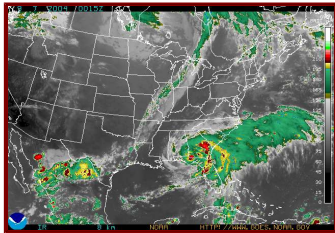
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## Amateur Radio News



### Attention All Amateurs...



**More Amateur Radio Volunteers Needed in Hurricane's Wake** (Sep 6, 2004) -- Amateur Radio Emergency Service (ARES) and Radio Amateur Civil Emergency Service (RACES) teams all along Florida's eastern coast--in place in advance of Hurricane Frances' holiday weekend arrival--continue to aid the response and recovery effort. The Category 2 storm made landfall Saturday in the vicinity of Stuart. After diminishing to a tropical storm, Frances

traversed the peninsula, exited into the Gulf of Mexico, and--as the National Hurricane Center reported at 1800 UTC--was coming ashore near St Marks in the Florida panhandle packing 65 MPH winds. Palm Beach County Emergency Coordinator Dave Messinger, N4QPM, today issued a call for relief operators for his and other affected coastal counties.

[Full Story](#)

**ARRL Headquarters to close for Labor Day** (Sep 1, 2004) -- *A reminder:* ARRL Headquarters will be closed on Labor Day, Monday, September 6. There will be no W1AW code practice or bulletin transmissions that day. ARRL Headquarters will reopen for business Tuesday, September 7, at 8 AM Eastern Time. Have a safe and enjoyable holiday weekend!



### ARRL Sections

#### Current Feature Articles

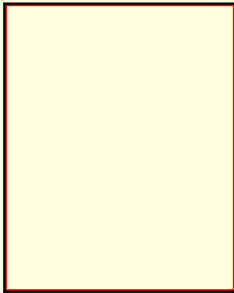
- [Sep 05 From Spy to Private Eye, This Elmer Teaches Hams the Art of CW](#)
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- [Aug 20 Surfin': Emergency Communications Do's and Don'ts](#)
- [Aug 20 Ham Radio is a Family Affair](#)



**ARRL Seeks Comment on Draft "Bandwidth" Petition** (Aug 25, 2004) -- The ARRL wants members' comments on a planned petition to the FCC seeking to regulate amateur subbands by bandwidth rather than by mode. The ARRL Board of Directors adopted the petition's guiding principle at its July 2002 meeting and wrapped up its review of a draft petition late last

month.

[Full Story](#)



**ARRL Goes to Bat for Arizona Amateurs, Seeks BPL Field Trial Shutdown** (Aug 17, 2004) -- The ARRL has asked the FCC to immediately shut down a broadband over power line (BPL) field trial in the Cottonwood, Arizona, area because it's causing "severe interference" to Amateur Radio communication. Electric Broadband LLC and utility APS have been operating the BPL experiment at two Yavapai County sites since June under a Special Temporary Authorization (STA) the FCC granted to Electric Broadband in March.

[Full Story](#)



**Feature: From Spy to Private Eye, This Elmer Teaches Hams the Art of CW** (Sep 5, 2004) -- During the cold war Ray Knuth worked for the US Air Force SS as a radio operator. His main duty was to copy Morse code messages from enemy transmitters and other surveillance radio work. As a CW intercept operator he became familiar with all

aspects of radio and used his skills to serve his country throughout the Viet Nam war.

[Full Story](#)



**ARRL to sponsor free emergency communications seminar at PACIFICON** (Sep 4, 2004) -- The ARRL will offer a free Amateur Radio Emergency Communications course seminar Saturday, October 16, in conjunction with [PACIFICON 04](#) in California. **The seminar will not include**

**the Level I course itself.** It's open to *all interested hams.* A PowerPoint presentation will include group discussion of multiple disaster scenarios, comments from emergency communications leadership, discussion about the ARRL Amateur Radio emergency communications courses, the status of grants from the Corporation for National and Community Service and corporate partner United Technologies Corporation, updates on emergency communications tools and a quiz to determine personal preparedness. All ARES/RACES volunteers, ARECC course participants and ARRL Field Organization leadership (SMs, SECs, DECAs and ECs) are invited to brainstorm ideas for motivating volunteers and coordinating activities. Course participants at every ARECC level--mentors, certification instructors, certification examiners and current students--are encouraged to share their experiences. Attendees will receive handouts and be eligible for a prize drawing. The seminar will be held Saturday, October 16, 1:15 PM until 4:45 PM, in Salon F at the San Ramon Marriott, 2600 Bishop Drive, San Ramon, California. Seating is limited. If you plan to attend, contact Dan Miller, K3UFG, [k3ufg@arrl.org](mailto:k3ufg@arrl.org); 860-594-0340; fax 860-594-0259. More information on [PACIFICON 04](#) is on the convention Web site. Seminar attendance does not include admission to the convention.

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**Feature: Surfin': Get Help Digging Up DX** (Sep 3, 2004) -- This week, we visit the Black Cat Systems Web site and find an application that is the cat's meow.

[Full Story](#)



### Amateur Radio Emergency Communications Course

**registration** (Sep 3, 2004) -- Registration for the ARRL Amateur Radio Emergency Communications Level I on-line course (EC-001) opens Monday, September 6, 1201 AM EDT, and will remain open through the September 11-12

weekend or until all available seats have been filled. Class begins Friday, September 24. Seniors are strongly encouraged to participate. Thanks to our grant sponsors--the Corporation for National and Community Service and the United Technologies Corporation--the \$45 registration fee paid upon enrollment will be reimbursed after successful completion of the course. During this registration period, seats are being offered to ARRL members on a first-come, first-served basis. To learn more, visit the [ARRL Certification and Continuing Education](#) Web page. For more information, contact Emergency Communications Course Manager Dan Miller, K3UFG, 860-594-0340; [cce@arrl.org](mailto:cce@arrl.org).

### ARRLWeb Survey

What prevents you from spending more time on the air?

- Lack of interest
- Family obligations
- Other activities
- Lack of equipment
- Poor band conditions
- Illness or injury
- More than one of the above

[View results](#)



**FEMA seeks help for hurricane recovery** (Sep 3, 2004) -- The Federal Emergency Management Agency ([FEMA](#)) is urgently seeking "at least a few hundred additional personnel" in the Atlanta, Georgia, area or in the southeastern US to help with a large-scale community relations task shortly after Hurricane Frances makes landfall. Individuals will be paid for their services and do not have to be Amateur Radio licensees. The mission is to distribute vitally important public information literature including urging people in the disaster area to apply to FEMA for help. These are temporary paid FEMA Reservist positions for periods of two weeks minimum. Those responding must be physically able to

work in a disaster area without refrigeration for medications and have the ability to work in the outdoors for at least 12 hours a day under high temperature/high humidity conditions. FEMA will provide transportation from the Atlanta area to various parts of the disaster-affected area. For further information on how to respond, call the Community Relations Coordination Hotline, toll-free, 888 422-4965. The [US Department of Homeland Security](#), of which FEMA is a part, this week has been positioning personnel and supplies in areas expected to be affected by Hurricane Frances to ensure readiness to provide immediate emergency assistance when the storm makes landfall. FEMA also is coordinating activities of other federal departments and with state agencies to prepare for a possible rapid response to the storm.--*Ben Curran, FEMA Recovery Division*



**Hurricane Net, WX4NHC Continue Helping Forecasters Track Frances** (Sep 3, 2004) -- For the third day, the Hurricane Watch Net (HWN) on 14.325 MHz has worked hand-in-hand with WX4NHC at the National Hurricane Center (NHC) to relay weather data and damage reports as a downgraded Hurricane Frances continues on what appears to be an inevitable collision with Florida's Atlantic Coast.

[Full Story](#)





**Stanley L. Burghardt, W0IT, SK** (Sep 3, 2004) -- Stan Burghardt, W0IT (ex-W0BJV), of Watertown, South Dakota, died August 22. He was 93. He was the founder of Burghardt Radio Supply Inc (now [Burghardt Amateur Center](#)). Licensed in 1931 as W9BJV (which became W0BJV in 1946), Burghardt remained active on the air--especially on 6 meters--until his death. He also had been active in satellite work and was a member of ARRL, AMSAT and SMIRK. Burghardt started out selling ham radio parts in 1937 and in the 1950s expanded his Watertown operation into a popular Amateur Radio equipment supplier. The company has been a regular QST advertiser for the past 50 years, and many early ads featured a photo of Burghardt with his signature. Burghardt sold the business to Jim Smith, W0MJY, but he remained active in the company until January 2002. A service was held September 1.



**The K7RA Solar Update** (Sep 3, 2004) -- My thanks to Carl Luetzelschwab, K9LA, for doing an excellent job filling in for me last week. Sunspot numbers and solar flux values declined this week compared to last. The average daily sunspot number dropped by nearly 50 to 27.7, and the average daily solar flux was down more than 23 points.

[Full Story](#)



**Life in Space Fun, Challenging, Astronaut Tells Pennsylvania Students** (Sep 3, 2004) -- NASA International Space Station Science Officer Mike Fincke, KE5AIT, told students at Upper St Clair High School August 27 that life in space is both fun and, at times, challenging. The Amateur Radio on the International Space Station (ARRL ISS) school group contact between NA1SS in space and WB4GCS in Western Pennsylvania represented a homecoming of sorts for Fincke, who was born in Pittsburgh and whose parents live in Emsworth, where he grew up.

[Full Story](#)



**Feature: ARRL In Action: What Have We Been Up To Lately?** (Sep 2, 2004) -- This feature--including convenient Web links to useful information--is a quick monthly update of some of the things ARRL is doing on behalf of its members. This installment covers the month of August.

[Full Story](#)



**Hurricane Net, WX4NHC Gather Weather Data as Frances Heads for Florida** (Sep 2, 2004) -- As Hurricane Frances passes through the Bahamas on what appears to be a collision course with Florida's Atlantic Coast, the Hurricane Watch Net (HWN) has activated for a second day on 14.325 MHz. WX4NHC at the National Hurricane Center (NHC) has been monitoring and checking into the net to collect weather data as it comes in.

[Full Story](#)



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*Page author: [rlindquist@arrl.org](mailto:rlindquist@arrl.org)*

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**ASCRA**  
**P.O. Box 73**  
**Independence, Missouri USA 64051**

President: Bob  
Farnham ([KGØII](#))

Secretary: Doug  
Shaw ([WAØEMX](#))

Treasurer: Chuck  
Palmer ([NØONN](#))

Exec Director:  
Michael Hahn  
([KGØXU](#))

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If you have questions about ASCRA, not addressed in this site,  
please  
contact any of the [directors](#), or  
[Bob Farnham](#), ASCRA webmaster.

## Other links of Interest to Amateur Radio Operators:

- Read about the [license restructuring](#).
- ASCRA has a registered group in the [SETI@home](#) project. From the main page, you can click on Groups and search for ASCRA, or go directly to [ASCRA's page](#) for SETI@home. At the ASCRA General Meeting on April 1, 2000, Bob Farnham ([KG0II](#)) presented a paper on Radio Astronomy and the Search for Extraterrestrial Intelligence, which is available in both [HTML](#) and [PDF](#) versions.
- Find callsigns, addresses of ham radio operators and other info in the on-line [Ham Radio Callbook](#)
- The [American Radio Relay League](#) (ARRL) is the largest private organization devoted to advancing the amateur radio arts.
- The FCC is required by the National Environmental Policy Act of 1969 to evaluate the [effect of emissions](#) from FCC-regulated transmitters on the quality of the human environment.
- Other amateur radio associations:  
  
[North America MARA \(Mercury Amateur Radio Association\)](#) Visit their site for links to other regional MARA organizations, as well as nets and activities.

[Who Are We?](#)[Membership](#)[Events](#)[Contests](#)[Awards](#)[GOTA](#)

## Canadian Ladies Amateur Radio Association

This web site is a way to keep members informed, and attract a broader YL audience by introducing ourselves to the amateur radio community. We'll use this site to inform interested YLs and their OMs about our association. Why not browse along with us?

On these pages, we'll introduce our activities, nets, Girl Guides on the Air, together with the Certificates and Awards you can work towards.

**Please visit often**

Updated August 10, 2004



Helen VA1YL (current President) presenting Audrey VE1PK (Past President) with a plaque in honour of her many years as President of CLARA



You are visitor #



E-Mail: [clara@qsl.net](mailto:clara@qsl.net)

Webdesign: [LifeSaver](#)



## Local and National Chapters

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Albany (NE New York)

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Houston (Texas)

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### International

Brazil

Canada

[Israel](#)

Solar X-Rays

**NORMAL**

**UNSETTLED**

Geomagnetic Field

**W**elcome to the web site of Chaverim International. We are a worldwide organization formed to promote friendship and communication between Jewish amateur radio operators and their friends. From this site you can find out about our local chapters, on the air net schedules, see pictures of recent club activities, find out about upcoming meetings and check out what is new in Chaverim International.

**W**eek at a glance Chaverim net listings by time zone! See all of the nets in [Eastern](#), [Central](#), [Mountain](#), [Pacific](#) or [UTC](#) time.

Sorry, your browser doesn't support Java(tm). Please visit our net listing pages for complete net schedules.

**R**eal time [HF Propagation](#) and [Day/Night](#) maps are now online.

**U**p to the minute net information! Check here for current status of Chaverim International nets.

**C**heck out the [CQ-Chaverim Archives](#) for the current E-Mails and a complete history of E-Mails from that mail service.

**S**ubscribe, unsubscribe or change your email address for the CQ-Chaverim mail reflector using the convenient [subscription tool](#).

Sorry, your browser doesn't support Java(tm). Please click on the link to see the pictures from the convention.

**P**ictures from past conventions are [available for viewing](#). Check here to see what we're up to!

	<p><a href="#">RingSurf</a> <a href="#">Amateur Radio World Ring</a> Owned by <a href="#">Chaverim International - Jewish Ham Radio</a> <a href="#">Operators</a> [ <a href="#">Previous 5 Sites</a>   <a href="#">Skip Previous</a>   <a href="#">Previous</a>   <a href="#">Next</a> ] [ <a href="#">Skip Next</a>   <a href="#">Next 5 Sites</a>   <a href="#">Random Site</a>   <a href="#">List Sites</a> ]</p>	
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Comments or questions? Please contact our [webmaster](#)  
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# 2nd Annual TEACHER'S MEETING JULY 10, 2004 *Plaza Hotel* LAS VEGAS



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The Radio Club of Junior High School 22 is the Nation's only full time non-profit organization working to get Ham Radio into classrooms around the country as a teaching tool using the EDUCOM program. Join us at the Plaza in Las Vegas Nevada on July 10, 2004 for a full day EDUCOM seminar. Network with your peers and learn just how to run a successful Ham Radio program. Admission is free and special: rates/discounts/activities have been arranged for you and your family or guests. In addition to the seminar there will be a full weekend of EDUCOM happenings. Make plans now to join the "22 Crew" for this very special educational event. Remember...the future of Ham Radio is in the classrooms of

**CONTACT US TODAY FOR ALL THE DETAILS:**



**RADIO CLUB OF JUNIOR HIGH SCHOOL 22  
NYC  
PO BOX 1052, NEW YORK NY 10002  
516.674.4072 FAX 516.674.9600 crew@wb2jkj.org**



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77th Annual



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A \$25.00 donation gives you a chance to win a brand new ICOM 706 MK II G Transceiver or the cash equivalent direct from our friends at ICOM AMERICA. Your support will mean a new radio for the "Crew" station and possibly the same for you. Fill in the coupon below today and ask a friend to sign up also. As soon as all tickets are sold a list of participants will be sent to each player. **DO NOT GET SHUT OUT...this will go fast...ACT TODAY!**

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  - 1995-AA0XJ
  - 1996-K6FO & KB2VAM
  - 1997 K6EHA & WB2JIB
  - 1998-N2HYR
  - 1999-K9PJJ
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 516-674-4072, FAX 516-674-9600  
 e-mail: crew@wb2jkj.org

I want the ICOM IC-706 and I want to help the Crew. Here is my donation of \$\_\_\_\_\_ in payment for \_\_\_\_\_ ticket(s). Checks payable to: RC OF JHS 22 NYC. I understand that only 100 tickets will be sold and if they are not my donation will be returned.

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ADDRESS \_\_\_\_\_

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- The Radio Club of Junior High School 22 NYC, Inc.
- Updated on September 26, 2000 - visit our [server](#)



# The Collins Collectors Association

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[See some photos from Dayton Hamvention 2004](#) - Thanks to Gene Duprey, K1GD



## Welcome to the Collins Collectors Association



Art Collins (1909-1987) - operating the "A-Line"

### Call For Nominations!

The Collins Collectors Association will be electing three members to its Board of Directors during the month of November. [Please read more here!](#)

### Special Edition CCA Collins Vibroplex Keys Available!!

The CCA and Vibroplex are proud to announce the availability of a Special Edition of CCA Collins Vibroplex keys.



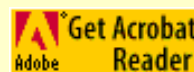
Click on photo for larger image

The CCA authorized a limited run of Vibroplex keys with optional numbered case. Serial numbers are available on a "first come, first serve" basis, so order now to assure a low number. You can also request a specific serial number if still available. You can order

### Collins Hot Spot

The "Collins Hot Spot" is a new section of the CCA Collins web site where important (i.e "hot") tidbits of Collins Radio-related information will be posted. If you need a hard to find schematic, manual, or any other information related to Collins Radio equipment, just ask for help on any [CCA weekly net](#), [Collins Reflector](#), or via e-mail to any CCA NCS (Net Control Station), [CCA Board member](#), or CCA officer. If we can find "it", we will post it here:

- ▶ [CCA Dayton "Dance Card"](#) **NEW**
- ▶ [The Signal Newsletter On-line!](#)
- ▶ [Collins 1959 General Catalog](#)
- ▶ [Fundamentals of SSB](#)
- ▶ [180S-1 Antenna Tuner Manual](#)
- ▶ [Point to point wiring for 30S-1](#)
- ▶ Production Test Procedures  
[516F-2](#) [PM-2](#) ...more coming soon!
- ▶ [Collins Radio Manual's page](#)
- ▶ [MP-1 power supply manual](#)
- ▶ [136A-1 noise blanker manual \(75S-1\)](#)
- ▶ [30L-1 Linear Amplifier Manual](#)
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- ▶ [75S-1 CW filter installation](#)
- ▶ [Deadly Caps KWS-1/75A-4](#)
- ▶ [PTO Specification Data](#)



Viewing and printing of CCA Portable Document Format (.pdf) files requires that you obtain and install Acrobat Reader from

Adobe, Inc. [Acrobat Reader can be downloaded for FREE](#) via Adobe's web site. Once you've downloaded and installed Acrobat Reader, you can click on any of the



Click on photo for larger image

either a traditional bug (as shown in photo), a keyer paddle, or an iambic paddle. The key in the photo has the "Collins Gray" textured base or you can get them with the base in chrome or black wrinkle.



Click on photo for larger image

Supply and serial numbers are very limited, so please order now while supplies last. You do not have to be a member of the CCA to purchase any of these lovely Special Edition CCA Collins Vibroplex keys. Call Vibroplex directly at 800-840-8873 to place an order or use this [order form](#).

Web site: <http://www.vibroplex.com>

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### Dayton 2004 - Door Prize Donors

The CCA wants to publicly thank the many CCA members and companies who donated the wonderful door prizes and raffle prizes for our CCA Awards Banquet in Dayton this year.

[Click Here to see the list of donors.](#)

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### 2005 CCA Membership Renewal

2004 Membership Renewal letters will also

CCA's .pdf file links below to view, save or print the document.



Collins "S-Line"

"In 1933, Collins started out to build a better transmitter, and the Company became the leader in Amateur Radio quality and performance.

Quality starts with careful and conservative design backed up by rigid component selection and testing standards. At key manufacturing stages, each unit is carefully inspected and critical subassemblies are tested. Finally, each and every unit is turned on and operated on a special vibration table to insure that there are no mechanical defects or weak components that can cause irritating "infant mortality" failures. Then, and only then, is a Collins amateur radio product shipped to the Collins distributor.

When you buy Collins amateur equipment, it's backed by the Collins product support organization - highly skilled technicians and engineers, at the distributor and at the factory, whose job is to assure you that your Collins equipment performs to spec - all the time." (1974 S/Line Brochure)

be included with the 4th QTR issue of the Signal. The CCA continues to enjoy membership support both foreign and domestic. We have set up additional CCA buying connections with several ham radio related suppliers and we have continued to improved our HF net activities. This is a positive vote for the officers we've elected over the past few years and the support organization they put together. Our association is stronger; more involved and enjoys a premier place in the world of Collins Radio aficionados all over the globe. We continue to be the largest collectors organization in Amateur Radio and [need your continued support!](#)

Renewals will be acknowledged with the 2005 renewal "photo sticker" which will be included with your 2nd QTR Signal 2005 issue for you to affix to the Millennium membership certificate. This is the only acknowledgement you will receive when you renew your membership.

#### **New Editor and Call for Articles**

Gail Schieber K2RED is now the new Editor of CCA Signal newsletter. She brings to the task 24 years of experience as the Managing Editor of "CQ" magazine, and in addition is the Managing Editor of "CQ VHF" magazine.

With the guidance of Floyd, W8RO, President of the CCA; Sandy, KW6KW, Vice President and Production Director of "The Signal"; the CCA's Board of Directors; and you, the members of the CCA, Gail plans on continuing to bring to print the quality material that this publication presents each quarter.

To continue in this tradition, we need material to publish! Technical articles, "hints 'n kinks," on-the-air experiences with Collins equipment, articles of historical nature, and items for the new column, "Collins Radios at Work," are just some of the things we are interested in publishing. "Collins at Work" includes experiences of CCA members who used Collins gear in the military, commercial, aviation, and space services. It is an exciting, new venue

#### **CCA Archives Expanded**

The CCA Board of Directors has decided to make all of our [CCA Collins Archives](#) available to everyone in the Collins community. In essence, we have decided not to implement a "members only" web site because we all feel Collins archive material should be available to everyone free of charge or membership obligation. CCA members will continue to enjoy many benefits of CCA membership... including some nice discounts for various 3rd-party Collins goods and services. We hope non-members of the CCA will support our extensive Collins preservation and archiving efforts by [joining the CCA](#). Our Collins Archive will continue to grow as new material is digitized and uploaded.

#### **Collins Radio and the CCA: A History of Excellence**

The CCA is a non-profit, all-volunteer, hobbyist organization and we are the largest collectors organization in Amateur Radio today.

Our goals are to Promote the care and use of Collins Amateur Radio Equipment, Preserve the history and lore of Collins Radio Equipment, and Provide an information archive for Collins Radio Equipment.

The CCA is licensed by Rockwell Collins "to reproduce and disseminate in electronic and written format, any such Collins copyrighted documents related to Collins amateur radio products. Such documents include, but are not limited to, product manuals, schematics, test methods, service bulletins, advertising materials, product catalogs, maintenance information and other technical and product information related to Collins amateur radio products." Rockwell extended our license agreement in 2001 to include all Collins Commercial and Military equipment that can be used for amateur radio purposes.

The Collins User Net (Sunday's 14.263 MHz 2000 UTC) was started by Bill

in which you can present your own personal stories.

We also would like to hear from those of you who were around in the early days of the Collins era. It is important to document and archive the knowledge and experiences of those who either worked for Collins in the early days, knew the people who were associated with Collins Radio at that time, or used the equipment on the air in that period. This material is priceless, and we want to be able to preserve it for generations to come.

A few paragraphs or even just a photo with an explanatory caption are welcome. You do not have to be an experienced writer either. We would be most willing to work with you to make your material into something of which you and the CCA can be proud.

Please contact Gail via e-mail at [K2REDCCA@aol.com](mailto:K2REDCCA@aol.com) or via snail-mail at:

**Gail Schieber**  
**P.O. Box 1396**  
**Port Washington, NY 11050**

Gail says..."The Signal is a very important part of the voice of the membership of the CCA. I look forward to hearing from many of you and to meeting you in the future as well."

---

### "Technical Discussion Weeks"

"Theme Weeks" is now "Technical Discussion Weeks". The new "Technical Discussion Weeks" is not for check-ins with specific equipment and serial number recording. It is for a technical discussion of various Collins Radio equipment and its repair and restoration. We encourage everyone to check-in and talk about problems they have had with their Collins equipment and what was done to correct those problems. Bring your technical questions, Collins Radio technical experts will be on hand to answer your questions. Come join the fun!

[Click here to view the "Technical](#)

Wheeler, K0DEW, in early 1988. Who would have ever thought that our weekly nets would eventually attract hundreds of check-ins! The CCA created its now famous [Collins Grading Standards](#) for used gear, its [weekly 75M nets](#), the Annual Dayton Awards Banquet, regional and national conventions, the [Collins Reflector](#) (email mailing list), the quarterly Signal newsletter, and the CCA Collins web site. The CCA is incorporated as a non-profit corp. in the State of Texas

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Please visit the [CCA Collins Archives](#) to see the latest additions to our extensive on-line Collins archives. We intend to make available a wide-range of Collins Radio amateur documents including Collins Radio Service Bulletins, Service Information Letters, Amateur Service Agency Bulletins, Signals from the 1930's, internal communications from the old Collins Radio marketing organization, the complete set of Collins Collector's Monthly Magazines, excerpts from the "Fundamentals of SSB", dealer service training data on the KWM-380, equipment specification sheets and Collins Radio user manuals, electronic versions of all previous CCA Signal newsletters, and many other published and unpublished Collins technical, historical, and anecdotal data related to many Collins Radio amateur products.

As a non-profit, all-volunteer hobbyists organization, we depend on our unpaid volunteers to help support our archiving efforts. If you would like to participate or provide Collins-related information that you think other Collins users would appreciate, please contact Larry WA9VRH, our CCA Archive Manager at [wa9vrh@mtco.com](mailto:wa9vrh@mtco.com).

---

[CCA Membership](#) is \$20 (USA and Canada), \$25 (All others). To renew (or join), send payment to:

**Collins Collectors Association**  
**P. O. Box 354**  
**Phoenix, MD 21131**



**Discussion Weeks" for 2004.** Contact our net manager or assistant managers for more information:

CCA Net Manager:  
Fred Holmes, W1SKU  
[w1sku@direcway.com](mailto:w1sku@direcway.com)

CCA Assistant Net Manager:  
Dean Prull, KA6BGW  
[daprull@aol.com](mailto:daprull@aol.com)

Please make checks or Money Orders payable to: The Collins Collectors Association or the CCA. If you have any questions please contact Jack, KE3WV - Membership Secretary [ke3wv@amsat.org](mailto:ke3wv@amsat.org)

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Many members of our hobby make their services available to other Collins users in need of equipment repair and restoration.

Additionally, several commercial firms actively stock and sell replacement parts and new items used in restoration and repair of Collins equipment. If you would like to be listed for **FREE** in the **Collins Store**, please send your contributions or updates to [kw6kw@comcast.net](mailto:kw6kw@comcast.net).

---

Visit the CCA **Collins Store**.

Our **Collins Store** continues to grow. We're excited to announce that we have negotiated an agreement with **Rusprint** to be our main provider of various Collins-related merchandise to CCA members at an exclusive 15% discount. Products include Collins/CCA QSL cards, T-shirts, caps, mugs, golf shirts, jackets, license plaques, clocks, etc. **Call Jim KØGKL at 800 962 5783** or send him e-mail at [jhundley@birch.net](mailto:jhundley@birch.net). Just tell Jim you are a member of the CCA. Photographs of the above products will be added to the **Collins Store** soon.

We have also reached an agreement with CCA member Terry Muncey to provide his **Radio Era Archives** Collins CD's to CCA members at a 20% discount. You can order a set of 4 CD's direct at <http://www.radioera.com/order.htm>

The [CCA By-laws](#) were updated earlier this year and can be viewed in .pdf form!



**Collins Collectors Association - P. O. Box 354 - Phoenix, MD 21131**

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Contact [WEBMASTER](#) (KW6KW) with comments or questions regarding this site.

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Last modified - September 3, 2004



Since 1997

# Welcome County Hunters

*And Fellow Amateur Radio Operators*

Welcome to **CountyHunter Dot Com and Net**, a resource for Amateur ([Ham](#)) [Radio Operators](#) worldwide seeking information on the United States of America Counties Award (USA-CA) from [CQ Publishing](#) as well as other County Hunting related activities. CountyHunter Dot Com and Net are operated for the benefit of all Amateur Radio operators without prejudice. The inclusion of links to organizations or publications is provided solely for informational purposes and does not indicate support or agreement with that organization or its policies.

---

## County Hunter Nets

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CW - 14.056.5 - Operates Daily

Many mobiles will QSY to other frequencies upon request

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- MARAC 2nd Time #337 - AA0IP - August 30, 2004
- MARAC 2nd Time #336 - W0NAC - August 21, 2004
- MARAC Bingo #253 - KW4V - August 19, 2004
- MARAC 2nd Time #335 - N3RM - August 18, 2004
- MARAC Bingo #242 - NX4W - August 7, 2004
- MARAC 2nd Time #334 - N3ISH - August 5, 2004
- USA-CA #1102 - K6KLL - August 4, 2004
- MARAC Bingo #251 - SM6VR - August 4, 2004
- MARAC Bingo #250 - N1BY - August 4, 2004
- MARAC Bingo #249 - K8MDU - July 29, 2004
- MARAC Bingo #248 - W4YDY - July 29, 2004
- USA-CA #1101 - HA0DU - July 23, 2004
- USA-CA #1100 - W6XJN - July 15, 2004

**USA-CA #1099 - AC0B - July 13, 2004**  
**USA-CA #1098 - W4ZAA - July 9, 2004**  
**USA-CA #1097 - WA4IDT - July 6, 2004**  
**USA-CA #1096 - NX0X - July 4, 2004**

The USA-CA Award is issued working all 3077 counties  
the first time. The 2nd and above numbers are issued for working  
all the counties again for each subsequent award.  
Bingo is another way of working all counties.



Comments to: [kk7x@countyhunter.com](mailto:kk7x@countyhunter.com)

[Dennis L. Hall, KK7X.](#)

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09/02/2004



**CQ Counter**



Courage Center, where abilities and disabilities become possibilities.

## Main Menu

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## Calendar

| [Members Only](#) | [ARRL](#) | [SARA](#) | [Courage Center](#) |

# Welcome to The Courage Handi-Ham System: Ham radio for people with disabilities

[Make this site my homepage!](#)

[Volunteer with us!](#)

**New: [Subscribe to the Weekly E-Letter, now offered via our own mailman server!](#)**

**Courage Handiham System  
3915 Golden Valley Road  
Golden Valley, MN 55422**

**Call us to join or donate: 1-866-426-3442 (1-866-HANDIHAM) toll-free**

## Survey

**In 2004, the FCC should provide for restructuring as follows:**

No changes in the current licenses & requirements.

Drop Novice & Advanced, grandfathering those licensees up one level, keep all current code testing.

Drop Novice & Advanced, grandfathering those licensees up one level, eliminate code testing.

Drop Novice & Advanced, grandfathering those licensees up one level, keep code testing for Extra only.

Drop Novice only, grandfathering those licensees up one level, keep all current code testing.

Simplify the

## September

Sun Mon Tue Wed Thu Fri Sat

> [01](#) [02](#) [03](#) 04  
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### This Week's Events

Monday, September 06

[Handiham Summer Net](#)  
[Schedule](#)

Wednesday, September 08

[7.245 MHz Informal Net](#)

Friday, September 10

[7.245 MHz Informal Net](#)

Search events by...

### Today's Events

All Day

[Handiham Summer Net](#)  
[Schedule](#)

### 6 Meter Quiz



### We hear from the MN SEC

Posted by [wa0tda](#) on: Saturday 04 September @ 08:58:12

Well, sounds like things are going great in your area! If you haven't heard, I'm in Florida with the Red Cross, and had ran a shelter for folks from Hurricane Charley.



[Read More...](#) | 1139 bytes more | |

### QSL information for Radio Camp

Posted by [wa0tda](#) on: Thursday 02 September @ 08:37:38

license classes to three, but add fast code for the top license.

[ [View Results](#) ]

[ [Other Surveys](#) ]

Votes: **346**

Comments: **4**

Who's on [handiham.org](#)

WelcomeGuest!  
Guest(s)online:

No Members are currently logged in.

### Callsign Lookup

#### Callbooks

[ARRL](#)

[ArtSci Repeater Directory](#)

[Buckmaster](#)

[FCC ULS](#)

[QRZ](#)

[RAC](#)

[WM7D](#)

- 6 meters can be a good choice in limited space because

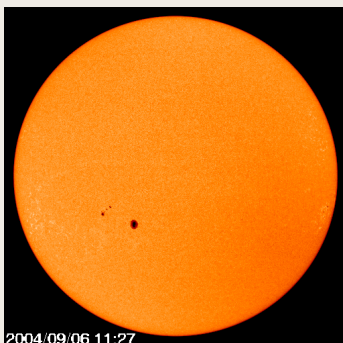
[View Scores](#)  
[Take the Quiz!](#)  
(16 questions)

### Courage Center Login

Nickname:  
Password:

If you do not have an account yet [Create One.](#)

### Today's Sun



Today's sun: SOHO/ESA/NASA

### Google Search



- Search WWW
- Search [handiham](#)
- Search [qsl.net](#)
- Search [arrrl.org](#)
- Search [courage.org](#)

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Did you



work camp station W0EQO during radio camp week? We would love to hear from you.

QSL information:

SASE & card for certificate, or just card for return card to:

W0EQO  
Patrick Tice  
983 Autumn Drive  
Woodbury, MN 55125-9135

E-mail: [wa0tda@arrrl.net](mailto:wa0tda@arrrl.net)



### Cassette Tapes Needed!

Posted by [wa0tda](#) on: Thursday 19 August @ 13:35:44

### Past Announcements

August 16  
[ARRL Shares Lead Editorial on BPL](#)

August 11  
[August Events](#)

August 04  
[W0JH goes to the Fair!](#)

July 26  
[The things they never told you about Ohm's Law!](#)

July 22  
[WA0EPX SK:](#)

July 19  
[Help... I see spots!](#)

July 15  
[FCC Chairman Powell: The Future is Bright for Powerline Broadband](#)

July 09  
[KF4ZLD SK](#)

July 07  
[Going up!](#)

June 14  
[New FCC goals for ADA access](#)

May 29  
[Ah, Field Day :-\)](#)



Please send bug reports to Patrick Tice, WA0TDA, by putting his callsign at handiham.org.

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If you have questions about how to email us, call toll-free 1-866-HANDIHAM (1-866-426-3442).

We need cassette tapes, new or gently-used, ASAP!



Tape lengths most useful are 90 minutes and 60 minutes.

Please help - we don't have enough tapes to send out the current Handiham World in audio format to our blind members.

Tapes may be sent to:

Courage Handiham System  
3915 Golden Valley Road  
Golden Valley, MN 55422

Thanks for your help!



## This Week's E-Letter News

Posted by [wa0tda](#) on: Wednesday 18 August @ 17:50:49

The E-Letter served up fresh this week.

Avery finds his keys, we head to Radio Camp, more good stuff.



Pat  
[wa0tda@arrl.net](mailto:wa0tda@arrl.net)

[Read More...](#) | 19375 bytes more | [1 comments](#) |



## Radio Amateurs of Canada recommends no-code

Posted by [wa0tda](#) on: Monday 16 August @ 13:50:14

[ARRL: FCC extends BPL comment time](#)

May 19  
[FCC announces new state of the art RF measurement chamber](#)

May 18  
[CQ Announces Hall of Fame Inductees; Sister Alverna & Ned Carman](#)

May 07  
[K2 CW feedback for visually impaired amateur radio operators](#)

April 30  
[Dave Block, KA0VCW, SK](#)

April 28  
[Handiham Summer Net Schedule](#)



April 23  
[Handiham volunteer wins QST cover award](#)

April 17  
[E.F. Johnson to close operations in Waseca](#)

April 16  
[FCC proposes](#)

Radio Amateurs of Canada recommends to Industry Canada that the current Morse code Qualification be dropped as a requirement for operation in the bands below 30 MHz.





[Read More...](#) | 41404 bytes more |  | 

## FCC RECOGNIZES THE 14th ANNIVERSARY OF ADA

Posted by [wa0tda](#) on: Monday 16 August @ 13:49:49

Washington, D.C. – The Federal Communications Commission (FCC) today joins with other government agencies and the American people to observe the 14th anniversary of the Americans with Disabilities Act (ADA), adopted July 26, 1990.



[Read More...](#) | 4604 bytes more |  | 

### News

#### ARRL

- [More Amateur Radio Volunteers Needed in Hurricane's Wake](#)
- [From Spy to Private Eye, This Elmer Teaches Hams the Art of CW](#)
- [ARRL to sponsor free emergency communications seminar at PACIFICON](#)
- [Surfin': Get Help Digging Up DX](#)
- [Amateur Radio Emergency Communications Course registration](#)
- [FEMA seeks help for hurricane recovery](#)
- [Hurricane Net, WX4NHC Continue Helping Forecasters Track Frances](#)
- [Stanley L. Burghardt, W0IT, SK](#)
- [The K7RA Solar Update](#)
- [Life in Space Fun, Challenging, Astronaut Tells Pennsylvania Students](#)

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# East Coast Amateur Radio Service



www.ecars7255.com™

**ECARS 2004 Annual Meeting**  
**Sept. 17- 19, 2004 Williamsburg, VA**

[click here for more info ►](#)



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**The ECARS Newsletter**

- [July Issue of the Monitor](#) ●

**IMPORTANT Info**

- [ECARS Notices](#)
- [Ballot Committee](#)
- [Annual Meeting](#)

- [ECARS Jacket](#) ●



**GENERAL AMATEUR Info**

[CALLSIGN LOOKUP](#)

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- [MARS](#) [USAF](#) [USA](#) [USN](#)
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- [Geomagnetic Field](#)

**Solar X-rays**  
UNSETTLED  
NORMAL

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- [NOAA](#) [USA radar](#)
- [East Coast Wx](#)
- [Wx info by city](#)
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- [Symantec](#) [US Time](#)
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[E-mail to ECARS](#)



**ECARS MEMBER LOOKUP**

**OTHER**

- [ECARS Photo Album](#)
- [Tech Talk](#)
- [Order Official ECARS QSL Cards](#)



# FIRAC

**FEDERATION INTERNATIONALE DES RADIOAMATEURS CHEMINOTS**

**Internationale Vereinigung der Eisenbahner-Funkamateure**

**International Association of Railway Radio Amateurs**

founded in Hamburg September 20th, 1964

**IBAN BE11 0001 8111 3548 (International Bank Account Number)**

**BPOTBEB1 (Bank identification Code)**

**Juliane GHIGNY 62, Medaetstraat B-1150 BRUSSEL (Account Name)**

**Welcome,** according to [WebHits](#) you are visitor **013934**

 [INDEX](#)

Please take the opportunity to inform you about FIRAC:



## INDEX

<a href="#">FIRAC Board</a>	<a href="#">LINKS</a> to Amateur Radio Sites etc.
<a href="#">FIRAC Groups</a>	<a href="#">FIRAC Meetings</a>
<a href="#">FIRAC Members (Rapid callbook)</a>	<a href="#">FIRAC Congress 2004</a>
<a href="#">FIRAC Radio Nets</a>	<a href="#">FIRAC National Presidents</a>
<a href="#">FIRAC Award</a>	<a href="#">FIRAC National Secretarys</a>
<a href="#">FIRAC Contest</a>	<a href="#">FIRAC E-Mail members</a>
<a href="#">FIRAC General Meeting report 2003</a>	<a href="#">Coupe FIRAC/F9ZX</a>
<a href="#">FIRAC Members.pdf (Protected by password (2.2Mb))</a>	<a href="#">What's new?</a>
<a href="#">FIRAC Rules and Regulations.pdf (2.9Mb)</a>	

If you have any proposals for modifications and corrections or if you need more information send a mail to Emile LUTGEN - [lx1le@pt.lu](mailto:lx1le@pt.lu)

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[Rail.lu](#)



# AMATEUR RADIO OPERATORS NET FRUPAC ("Fleet Radio Unit Pacific")

[\[Echo Link\]](#) [\[Equipment\]](#) [\[IRLP\]](#) [\[Net Schedule\]](#) [\[Op Aids\]](#) [\[Photos\]](#)

---

The NCVA supports the FRUPAC amateur radio operators net. The prime objective of this group is to utilize ham radio to locate former shipmates and provide all with an organized and convenient means of establishing and maintaining contact with each other from the comfort of their respective homes. This is done by scheduling a variety of [radio nets](#) that meet regularly on the amateur bands.

Initiated in 1973, the continually expanding roster now has 514 former shipmates with currently valid ham calls. Included are 8 of the original 20G pioneer D.C. operator's school graduates organized as "On-The-Roof" Gang ([OTRG](#)).

From the beginning, it was apparent that an identifiable title was needed for the expanding group and nets. The acronym "FRUPAC" (**F**leet **R**adio **U**nit, **P**acific) was selected to commemorate that most successful WWII organization and its supporting personnel; also it was considered the most meaningful term that could best be related to by the greatest number of Naval Cryptologic veterans.

For further information contact FRUPAC [frupac@usncva.org](mailto:frupac@usncva.org) .

---

## Op Aids

Solar X- rays:

**NORMAL**

Geomagnetic Field:

**UNSETTLED**

From [n3kl.org](http://n3kl.org)

[Solar Terrestrial Activity  
Report](#)

[Latest Solar Events](#)

---

[EchoLink FAQ](#) **NEW**

---



## AMATEUR RADIO CALLSIGN SERVERS

<b>U</b>	<a href="#">Buckmaster</a> -- Worldwide
<b>S</b>	<a href="#">QRZ</a> -- Register your E-Mail Address

### OH2AQ DX Summit <No frames version>

<b>HF</b>	<a href="#">1.8 MHz</a>	<a href="#">3.5 MHz</a>	<a href="#">7 MHz</a>	<a href="#">10 MHz</a>	<a href="#">14 MHz</a>	<a href="#">18 MHz</a>	<a href="#">21 MHz</a>	<a href="#">24 MHz</a>	<a href="#">28 MHz</a>
<b>VHF plus</b>	<a href="#">50 MHz</a>	<a href="#">144 MHz</a>	<a href="#">430 MHz</a>	<a href="#">1.2 GHz</a>	<a href="#">10 GHz</a>				
<b>Misc.</b>	<a href="#">Beacon</a>	<a href="#">Digital</a>	<a href="#">IOTA</a>	<a href="#">QRP</a>	<a href="#">Satellite</a>				

### USNO Time

[UTC](#)

## FRUPAC NET Schedules

SUMMER	WINTER	FREQ	MODE	COMMENT
2330Z	0030Z	3.967	SSB	Mon/Wed/Fri -- East Coast
0200Z	0300Z	3.538	CW	Mon -- Nationwide
0200Z	0200Z	7.238	SSB	Nightly -- West Coast
0330Z	0430Z	1.870	SSB	Tues/Sun -- Nationwide
0300Z	0400Z	1.938	SSB	Wed/Sat -- Nationwide
1400Z	1500Z	10.119	CW	Tues/Sat -- Nationwide
1430Z	1530Z	3.890	SSB	Daily -- West Coast
1615Z	1715Z	7.234	SSB	Daily -- East Coast
1700Z	1800Z	14.243	SSB	Daily -- Worldwide
1830Z	1930Z	14.058	CW	Tues -- Nationwide
1930Z	2030Z	21.375	SSB	Daily -- Worldwide
2230Z	2330Z	10.140	RTTY	1 <sup>st</sup> Tues, each month
2230Z	2330Z	7.090	RTTY	Any Tues, except 1 <sup>st</sup>
2300Z	2359Z	<a href="#">Echolink</a>		Thurs -- International (Internet)
-when open-		28.493	SSB	Daily -- Novice/Tech/& above



Informal times & freq

0130Z 0230Z 10.119 CW Daily

(Schedule **updated**: 01 September 2004)

Note: Unless otherwise noted, summer/winter times shift when USA goes on/off Daylight Savings Time. All frequencies are MHz and plus/minus existing QRM.

---

## FRUPAC REPORT

### Filed: 4 February 2001

### Here is a review on FRUPAC activities for 2000:

Silent Keys:	14
Call changes:	5
New Members:	28

Again we had about 135 different FRUPAC callsigns that participated in the various SSB amateur radio nets. In addition we had over 430 non-member visitors to the various nets during the year 2000.

First time check-ins to the FRUPAC SSB nets follows: WB1ASL/Dick, K2HYQ/Jim, N3ORX/Hank, W3YLO/Tony, KF3Z/Paul, KB4AI/Dave, N4TVC/Randy, KD5JLV/Tom, KE5RI/John, WA6AXE/Joe, KN6J/Bob, KI6PR/Mike, W8RIK/Joe and WØSYO/Emory. We are happy to report that most of these have become fairly regular participants in the nets.

Elbert Flanagan (W8RSH), our CW coordinator, reports that a total of 29 different FRUPAC members checked into the 10119 KHz CW schedules during the year 2000. During the same period 18 visitors checked into the same nets. The number of check-ins from the various districts follows: District 2 (3), District 3 (7), District 4 (6), District 5 (2), District 6 (1), District 7 (3), District 8 (6), and District 9 (1). There were no check-ins with Districts 1 or Ø callsigns.

Dave Miller (N8ZWY), our RTTY coordinator, reports that with the installation of his antennas, he is now able to activate the RTTY nets. Successful skeds have been held recently with fair participation. Those with RTTY capability should check the following skeds: Tuesdays 2330Z, 7100-7105 KHz. This frequency may change to 10119-10122 KHz if QRM dictates. Thursdays 0001Z 14087 KHz (plus or minus QRM).

Ken Mann  
FRUPAC Secretary

[<1998 Activities Report>](#)

[<1999 Activities Report>](#)

---

## FRUPAC Members on the Web

- [W1CNY](#)
- [K1YCM](#)
- [WA2GIN](#)
- [K3APM](#)
- [N3CZK](#)
- [W3EJM](#) **UPDATED**
- [N3IFL](#)
- [KZ3T](#)
- [W3USN](#)
- [WB3V](#)
- [N4UUM](#)
- [W4MH](#)
- [KJ4S](#)
- [KW4V](#)
- [W5LLJ](#)
- [NA5VY](#)
- [WA6AXE](#)
- [K6FW](#)
- [WB6LAU](#)
- [K6MZW](#)
- [KC6VVT](#)
- [K8CTT](#)
- [W8RHS](#)
- [K8TPH](#)
- [AJØC](#)
- [KØGID](#)

[Submit New URL](#)

---

FRUPAC Members using [EchoLink](#) or [IRLP](#)

Call	EchoLink user node	Monitored Repeaters	
		EchoLink Node	IRLP Node
AJØC	188920	WØTX/R 4140	WQ8M/R 3415
WAØTLJ <b>NEW</b>	????	n/a	n/a
KZ1Z	37567	KE4YDH/R 79540	n/a
KN2GSJ <b>NEW</b>	40977	n/a	n/a
W2ZB <b>NEW</b>	136583	n/a	n/a
K3APM <b>NEW</b>	202446	n/a	n/a
W3EJM <b>NEW</b>	3785	n/a	n/a
NR3G	135759	n/a	n/a
W3IL	42503	n/a	n/a
N4XAT	51115	N4XAT/R 197247 <b>NEW</b>	n/a
KD5DGS <b>NEW</b>	????	n/a	n/a
WA6AXE <b>NEW</b>	113642	n/a	n/a
WC7N <b>NEW</b>	117419	n/a	n/a
W8RHS <b>NEW</b>	200865	n/a	n/a
W8RIK	68954	n/a	n/a
N9VO <b>NEW</b>	166352	n/a	n/a

[EchoLink FAQ](#) **NEW**

[EchoLink Net Report](#) **NEW**

## FRUPAC Photos

- [W3EI](#)
- [W3FQS](#)
- [N3GKE](#)
- [WD6APN](#)
- [N7FCO](#)

- [FRUPAC Attendees - 1999 Reunion](#)
- [N3CHR, N3GKE, & AJØC](#)
- [FRUPAC 1<sup>st</sup> Time Attendees - 2000 Reunion](#)
- [FRUPAC Attendees - 2000 Reunion](#)
- [FRUPAC 1<sup>st</sup> Time Attendees - 2001 Reunion](#)

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## Amateur Radio EQUIPMENT

### Classified Ads:

- [QTH.COM by KA9FOX](#)

### Dealers:

- [AES - Amateur Electronic Supply](#)
- [Allied Electronics](#)
- [Burghardt Amateur Center](#)
- [HAM RADIO OUTLET](#)
- [JUN'S Electronics](#)
- [RADIO CITY, Inc.](#)

### Manufacturers:

- [ALINCO](#)
- [AMERITRON](#)
- [Cushcraft](#)
- [hy-gain](#)
- [ICOM](#)
- [KENWOOD](#)
- [MFJ Enterprises](#)
- [TEN-TEC](#)
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# Amateur Radio NEWS & INFORMATION

- [Amateur Radio -- Usenet NewsGroups](#)
- [ARRL -- Bulletins](#)
- [HAM RADIO PAGES -- by: GJ4ICD](#)
- [NewsLine -- Amateur Radio News](#)
- [YAHOO search: "Amateur Radio"](#)
- [YAHOO search: "Ham Radio"](#)

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## Amateur Radio Organizations

- [10x10 International](#)
- [Air Force MARS](#)
- [AMSAT](#)
- [ARES](#)
- [Army MARS](#)
- [ARRL](#)
- [FCC](#)
- [FEMA](#)
- [IARU](#)
- [Navy MARS](#)
- [Old Old Timers Club \(OOTC Inc\)](#)
- [QCWA](#)
- [RAC](#)
- [Royal Navy Amateur Radio Society](#) - Associate membership is offered to foreign Navy hams.
- [RSGB](#)
- [SAREX](#)
- [TAPR](#)
- [USS CASIN YOUNG \(DD-793\)](#) - Radio Club
- [WIA](#)

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---

## Other Amateur Radio Sites

## [KD4SAI](#)

Learn more about the ham radio hobby, share photos, news, audio and video interactive, ham radio webcam, radio mods, solar updates, special events and ham chat. Great for all ages beginners, and experts. DX and Solar updates.

[Submit New URL](#)

---

## Reference Data

### [Morse Code & International "Q" and "Z" Signals](#)

A nice source for the Q & Z signals many of you may recall from your active duty days.

[Submit New URL](#)

---

## U.S. Amateur Radio Licensing

- [FCC Forms](#)
- [FCC Part 97 - Amateur Radio Regulations](#)

[Submit New URL](#)



- [Welcome](#)
- [What's New?](#)
- [Geratol Award](#)
- [Endorsements](#)
- [Director's Award](#)
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- [QSL Bureau](#)
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5,586

21:05



# The GERATOL Net Web Pages

[www.qsl.net/geratol](http://www.qsl.net/geratol)

Support our Troops

Support Our Troops

---

This is the Official Geratol Net web site. The site at skyport.com is an old one and is obsolete. Please, please, give the right URL out on the air and in magazine articles! Stop spreading an old link.

---

## What is the GERATOL NET?

**GERATOL** - The Acronym. Greetings Extra Radio Amateurs Tired of Operating Lately.

The group operating on the GERATOL NET is often mistaken to be a group of older hams. This is not the case. Net participants include hams of all ages, both OMs and YLs from all states and the Canadian Provinces.

---

## NET PURPOSE



The purpose of the GERATOL NET is to assist properly licensed amateur radio operators in obtaining the **GERATOL Net 75-Meter, 2-Letter Extra Class serialized UNBELIEVABLE OPERATING ACHIEVEMENT Award**. The award, also known as the **Geratol Basic Award**, is issued by the GERATOL Net for working and having confirmed, all 50 states within the **EXTRA** class segment (3.750-3.775 MHz.) of the American 75 meter phone band with 1X2, 2X1, 2X2A calls and 2X2 (AH6, KH6, WH6 in HI) and (AL7, KL7, WL7 in AK) extra class format call signs.

The GERATOL NET also offers **thirty-five interesting and challenging endorsements** to add to the **Basic Award**, as well as endorsements to the **Directors Award** in increments of 100.

---

## NET OPERATING TIME AND LOCATION

The **GERATOL NET** meets each evening at 01:00Z from October 1 through April 30. Operation generally begins with an eastern net control and proceeds west. Exceptions are when a contest is in progress, then the net controls may opt to shut net operations down.

The **GERATOL NET** meets on 3.768 MHz +/- ; however, contacts for the special **Unbelievable Operating Achievement Award** and **GERATOL** endorsements can be made anywhere within the Extra Class American phone subband - 3.750 - 3.775 MHz.

---

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Questions, comments, etc.

