Manual for the Slow Speed Net Class

OFFERED THROUGH THE LONG ISLAND CW CLUB

SEP 2021

Version 1.1

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LICW Slow Net Manual

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THE AMERICAN RADIO RELAY LEAGUE
RADIOGRAM
VIA AMATEUR RADIO

NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE

TO

THIS RADIO MESSAGE WAS RECEIVED AT

AMATEUR STATION _____ PHONE _____

NAME _____

STREET ADDRESS _____

TELEPHONE NUMBER

CITY, STATE, ZIP _____

FROM	DATE	TIME	TO	DATE	TIME
REC'D			SENT		

THIS MESSAGE WAS HANDLED FREE OF CHARGE BY A LICENSED AMATEUR RADIO OPERATOR, WHOSE ADDRESS IS SHOWN IN THE BOX AT RIGHT ABOVE. AS SUCH MESSAGES ARE HANDLED SOLELY FOR THE PLEASURE OF OPERATING, NO COMPENSATION CAN BE ACCEPTED BY A "HAM" OPERATOR. A RETURN MESSAGE MAY BE FILED WITH THE "HAM" DELIVERING THIS MESSAGE TO YOU. FURTHER INFORMATION ON AMATEUR RADIO MAY BE OBTAINED FROM ARRL HEADQUARTERS, 225 MAIN STREET, NEWINGTON, CT 0611

THE AMERICAN RADIO RELAY LEAGUE, INC, IS THE NATIONAL MEMBERSHIP SOCIETY OF LICENSED RADIO AMATEURS AND THE PUBLISHER OF QST MAGAZINE. ONE OF ITS FUNCTIONS IS PROMOTION OF PUBLIC SERVICE COMMUNICATION AMONG AMATEUR OPERATORS. TO THAT END, THE LEAGUE HAS ORGANIZED THE NATIONAL TRAFFIC SYSTEM FOR DAILY NATIONWIDE MESSAGE HANDLING.

THE AMERICAN RADIO RELAY LEAGUE
RADIOGRAM
VIA AMATEUR RADIO

NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
10	R	G	N2GSL	7	BALDWIN NY		JUL 10

TO
STAN FERRIS K7SBF <AA>

5635 SOUTH CROWSNEST ROAD <AA>

TEMPE AZ 85283 <AA>

TELEPHONE NUMBER   555 975 2487   <BT>

THIS RADIO MESSAGE WAS RECEIVED AT

AMATEUR STATION _____ PHONE _____

NAME _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

THANKS	FOR	YOUR	LATEST	MINI
LESSON	73			

<BT>   ED N2GSL

	FROM	DATE	TIME		TO	DATE	TIME
REC'D				SENT			

THIS MESSAGE WAS HANDLED FREE OF CHARGE BY A LICENSED AMATEUR RADIO OPERATOR, WHOSE ADDRESS IS SHOWN IN THE BOX AT RIGHT ABOVE. AS SUCH MESSAGES ARE HANDLED SOLELY FOR THE PLEASURE OF OPERATING, NO COMPENSATION CAN BE ACCEPTED BY A "HAM" OPERATOR. A RETURN MESSAGE MAY BE FILED WITH THE "HAM" DELIVERING THIS MESSAGE TO YOU. FURTHER INFORMATION ON AMATEUR RADIO MAY BE OBTAINED FROM ARRL HEADQUARTERS, 225 MAIN STREET, NEWINGTON, CT 0611

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THE AMERICAN RADIO RELAY LEAGUE
RADIOGRAM
VIA AMATEUR RADIO

NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
11	R	G	N2GSL	10	BALDWIN NY		JUL 10

TO
ROBERT ZARGES JR K2MZ <AA>

69 FALES STREET <AA>

WORCESTER MA 01606 <AA>

TELEPHONE NUMBER   555 368 3712   <BT>

THIS RADIO MESSAGE WAS RECEIVED AT

AMATEUR STATION _____ PHONE _____

NAME _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

CONGRATS	ON	TWENTY	EIGHT	WORDS
PER	MINUTE	CODE	PROFICIENCY	73

<BT>   ED N2GSL

	FROM	DATE	TIME		TO	DATE	TIME
REC'D				SENT			

THIS MESSAGE WAS HANDLED FREE OF CHARGE BY A LICENSED AMATEUR RADIO OPERATOR, WHOSE ADDRESS IS SHOWN IN THE BOX AT RIGHT ABOVE. AS SUCH MESSAGES ARE HANDLED SOLELY FOR THE PLEASURE OF OPERATING, NO COMPENSATION CAN BE ACCEPTED BY A "HAM" OPERATOR. A RETURN MESSAGE MAY BE FILED WITH THE "HAM" DELIVERING THIS MESSAGE TO YOU. FURTHER INFORMATION ON AMATEUR RADIO MAY BE OBTAINED FROM ARRL HEADQUARTERS, 225 MAIN STREET, NEWING

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FSD-218

Every formal radiogram message originated and handled should contain the following component parts in the order given

I. Preamble

a. Number (begin with 1 each month or year)
b. Precedence (R, W, P or EMERGENCY)
c. Handling Instructions (optional, see text)
d. Station of Origin (first amateur handler)
e. Check (number of words/groups in text only)
f. Place of Origin (not necessarily location of station of origin.)
g. Time Filed (optional with originating station)
h. Date (must agree with date of time filed)

II. Address

(as complete as possible, include zip code and telephone number)

III. Text

(limit to 25 words or less, if possible)

IV. Signature

CW: The prosign $\overline{AA}$ separates the parts of the address. $\overline{BT}$ separates the address from the text and the text from the signature. $\overline{AR}$ marks end of message; this is followed by B if there is another message to follow, by N if this is the only or last message. It is customary to copy the preamble, parts of the address, text and signature on separate lines.

RTTY: Same as CW procedure above, except (1) use extra space between parts of address, instead of $\overline{AA}$; (2) omit cw procedure sign $\overline{BT}$ to separate text from address and signature, using line spaces instead; (3) add a CFM line under the signature, consisting of all names, numerals and unusual works in the message in the order transmitted.

PACKET/AMTOR BBS: Same format as shown in the cw message example above, except that the $\overline{AA}$ and $\overline{AR}$ prosigns may be omitted. Most amtor and packet BBS software in use today allows formal message traffic to be sent with the "ST" command. Always avoid the use of spectrum-wasting multiple line feeds and indentations.

PHONE: Use *prowords* instead of prosigns, but it is not necessary to name each part of the message as you send it. For example, the above message would be sent on phone as follows: "Number one routine HX Golf W1AW eight Newington Connecticut one eight three zero zulu july one Donald Smith Figures one six four East Sixth Avenue North River City Missouri zero zero seven eight nine Telephone seven three three four nine six eight Break Happy birthday X-ray see you soon X-ray love Break Diana End of Message Over. "End of Message" is followed by "More" if there is another message to follow, "No More" if it is the only or last message. Speak clearly using VOX (or pause frequently on push-to-talk) so that the receiving station can get fills. Spell phonetically all difficult or unusual words--do not spell out common words. Do not use cw abbreviations or Q-signals in phone traffic handling.

Precedences

The precedence will follow the message number. For example, on cw 207R or 207 EMERGENCY. On phone, "Two Zero Seven, Routine (or Emergency)."

FSD-218 (1/04)

EMERGENCY--Any message having life and death urgency to any person or group of persons, which is transmitted by Amateur Radio in the absence of regular commercial facilities. This includes official messages of welfare agencies during emergencies requesting supplies, materials or instructions vital to relief of stricken populance in emergency areas. During normal times, it will be *very rare*. On cw, RTTY and other digital modes this designation will always be spelled out. When in doubt, *do not* use it.

PRIORITY--Important messags having a specific time limit. Official messages not covered in the Emergency category. Press dispatches and other emergency-related traffic not of the utmost urgency. Notifications of death or injury in a disaster area, personal or official. Use the abbreviation P on cw.

WELFARE--A message that is either a) an inquiry as to the health and welfare of an individual in the disaster area b) an advisory or reply from the disaster area that indicates all is well should carry this precedence, which is abbreviated W on cw. These messages are handled *after* Emergency and Priority traffic but before Routine.

ROUTINE--Most traffic normal times will bear this designation. In disaster situations, traffic labeled Routine (R on cw) should be handled *last*, or not at all when circuits are busy with Emergency, Priority or Welfare traffic.

Handling Instructions (Optional)

HXA--(Followed by number) Collect landline delivery authorized by addressee within....miles. (If no number, authorization is unlimited.)

HXB--(Followed by number) Cancel message if not delivered within....hours of filing time; service originating station.

HXC--Report date and time of delivery (TOD) to originating station.

HXD--Report to originating station the identity of station from which received, plus date and time. Report identity of station to which relayed, plus date and time, or if delivered report date, time and method of delivery.

HXE--Delivering station get reply from addresses, originate message back.

HXF--(Followed by number) Hold delivery until....(date).

HXG--Delivery by mail or landline toll call not required. If toll or other expense involved, cancel message and service originating station.

For further information on traffic handling, consult the Public Service Communications Manual or the ARRL Operating Manual, both published by ARRL.

ARRL QN Signals For CW Net Use

QNA*	Answer in prearranged order.
QNB*	Act as relay Between _____ and _____
QNC	All net stations Copy. I have a message for all net stations.
QND*	Net is Directed (controlled by net control station).
QNE*	Entire net stand by.
QNF	Net is Free (not controlled).
QNG	Take over as net control station.
QNH	Your net frequency is High.
QNI	Net stations report In.*.
	I am reporting into the net. (Follow with a list or traffic or QRU).
QNJ	Can you copy me?
	Can you copy _____?
QNK*	Transmit message for _____ to _____
QNL	Your net frequency is Low.
QNM*	You are QRMing the net. Stand by.
QNN	Net control station is _____
	What station has net control?
QNO	Station is leaving the net.

FSD-218 (1/04)

QNP   Unable to copy you. Unable to copy _____
QNQ*   Move frequency to _____ and wait for _____ to finish handling traffic. Then send him traffic for _____
QNR   Answer _____ and Receive traffic.
QNS*   Following Stations are in the net. *(Follow with list.)
          Request list of stations in the net.
QNT   I request permission to leave the net for _____ minutes.
QNU*   The net has traffic for you. Stand by.
QNV*   Establish contact with _____ on this frequency. If successful, move to _____ and send him traffic for _____
QNW   How do I route messages for _____?
QNX   You are excused from the net.* Request to be excused from the net.
QNY*   Shift to another frequency (or to _____ kHz) to clear traffic with _____
QNZ   Zero beat your signal with mine.

* For use only by the Net Control Station.

Notes on Use of QN Signals

The QN signals listed above are special ARRL signals for use in amateur cw nets only. They are not for use in casual amateur conversation. Other meanings that may be used in other services do not apply. Do not use QN signals on phone nets. Say it with words. QN signals need not be followed by a question mark, even though the meaning may be interrogatory.

International Q Signals

A Q signal followed by a ? asks a question. A Q signal without the ? answers the question affirmatively, unless otherwise indicated.

QRA   What is the name of your station?
QRG   What's my exact frequency?
QRH   Does my frequency vary?
QRI   How is my tone? (1-3)
QRK   What is my signal intelligibility? (1-5)
QRL   Are you busy?
QRM   Is my transmission being interfered with?
QRN   Are you troubled by static?
QRO   Shall I increase transmitter power?
QRP   Shall I decrease transmitter power?
QRQ   Shall I send faster?
QRS   Shall I send slower?
QRT   Shall I stop sending?
QRU   Have you anything for me? (Answer in negative)
QRV   Are you ready?
QRW   Shall I tell _____ you're calling him?
QRX   When will you call again?
QRZ   Who is calling me?
QSA   What is my signal strength? (1-5)
QSB   Are my signals fading?
QSD   Is my keying defective?
QSG   Shall I send _____ messages at a time?
QSK   Can you work breakin?
QSL   Can you acknowledge receipt?
QSM   Shall I repeat the last message sent?

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QSO	Can you communicate with _____ direct?
QSP	Will you relay to _____?
QSV	Shall I send a series of V's?
QSW	Will you transmit on _____?
QSX	Will you listen for _____ on _____?
QSY	Shall I change frequency?
QSZ	Shall I send each word/group more than once? (Answer, send twice or _____)
QTA	Shall I cancel number _____?
QTB	Do you agree with my word count? (Answer negative)
QTC	How many messages have you to send?
QTH	What is your location?
QTR	What isyour time?
QTV	Shall I stand guard for you _____?
QTX	Will you keep your station open for further communication with me?
QUA	Have you news of _____?

<div style="background:orange">**Abbreviations, Prosigns, Prowords**</div>

CW	PHONE (meaning or purpose)
$\overline{AA}$	(Separation between parts of address or signature.).
AA	All after (use to get fills).
AB	All before (used to get fills).
ADEE	Addressee (name of person to whom message addressed).
ADR	Address (second part of message).
AR	End of message (end of record copy).
ARL	(Used with "check," indicates use of ARRL numbered message in text).
$\overline{AS}$	Stand by; wait.
B	More (another message to follow).
BK	Break; break me; break-in (interrupt transmission on cw. Quick check on phone).
$\overline{BT}$	Separation (break) between address and text; between text and signature.
C	Correct; yes.
CFM	Confirm. (Check me on this).
CK	Check.
DE	From; this is (preceding identification).
$\overline{HH}$	(Error in sending. Transmission continues with last word correctly sent.)
HX	(Handling instructions. Optional part of preamble.) Initial(s). Single letter(s) to follow.
$\overline{IMI}$	Repeat; I say again. (Difficult or unusual words or groups.)
K	Go ahead; over; reply expected. (Invitation to transmit .)
N	Negative, incorrect; no more. (No more messages to follow.)
NR	Number. (Message follows.)
PBL	Preamble (first part of message)
N/A	Read back. (Repeat as received.)
R	Roger; point. (Received; decimal point.)
SIG	Signed; signature (last part of message.)
$\overline{SK}$	Out; clear (end of communications, no reply expected.)
TU	Thank you.
WA	Word after (used to get fills.)
WB	Word before (used to get fills.)
N/A	Speak slower.
N/A	Speak faster.

FSD-218 (1/04)

The letters ARL are inserted in the preamble in the check and in the text before spelled out numbers, which represent texts from this list. Note that some ARL texts include insertion of numerals and text. Example: NR 1 R W1AW ARL 5 NEWINGTON CONN. DEC 25 DONALD R. SMITH $\overline{AA}$ 164 EAST SIXTH AVE $\overline{AA}$ NORTH RIVER CITY MO $\overline{AA}$ PHONE 73-3968 $\overline{BT}$ ARL FIFTY ARL SIXTY ONE BT DIANA $\overline{AR}$. For additional information about traffic handling, consult *The ARRL Operating Manual*, published by ARRL, or the *NTS Methods and Practices Guidelines*.

Group One—For Possible "Relief Emergency" Use

ONE   Everyone safe here. Please don't worry.

TWO   Coming home as soon as possible.

THREE   Am in _____ hospital. Receiving excellent care and recovering fine.

FOUR   Only slight property damage here. Do not be concerned about disaster reports.

FIVE   Am moving to new location. Send no further mail or communication. Will inform you of new address when relocated.

SIX   Will contact you as soon as possible.

SEVEN   Please reply by Amateur Radio through the amateur delivering this message. This is a free public service.

EIGHT   Need additional _____ mobile or portable equipment for immediate emergency use.

NINE   Additional _____ radio operators needed to assist with emergency at this location.

TEN   Please contact _____. Advise to standby and provide further emergency information, instructions or assistance.

ELEVEN   Establish Amateur Radio emergency communications with _____ on _____ MHz.

TWELVE   Anxious to hear from you. No word in some time. Please contact me as soon as possible.

THIRTEEN   Medical emergency situation exits here.

FOURTEEN   Situation here becoming critical. Losses and damage from _____ increasing.

FIFTEEN   Please advise your condition and what help is needed.

SIXTEEN   Property damage very severe in this area.

SEVENTEEN   REACT communications services also available. Establish REACT communication with _____ on channel _____.

EIGHTEEN   Please contact me as soon as possible at _____.

FSD-3 (5/05)

NINETEEN	Request health and welfare report on _____ . (State name, address and telephone number.)
TWENTY	Temporarily stranded. Will need some assistance. Please contact me at _____.
TWENTY ONE	Search and Rescue assistance is needed by local authorities here. Advise availability.
TWENTY TWO	Need accurate information on the extent and type of conditions now existing at your location. Please furnish this information and reply without delay.
TWENTY THREE	Report at once the accessibility and best way to reach your location.
TWENTY FOUR	Evacuation of residents from this area urgently needed. Advise plans for help.
TWENTY FIVE	Furnish as soon as possible the weather conditions at your location.
TWENTY SIX	Help and care for evacuation of sick and injured from this location needed at once.
Emergency/priority	messages originating from official sources must carry the signature of the originating official.

Group Two—Routine Messages

FORTY SIX	Greetings on your birthday and best wishes for many more to come.
FORTY SEVEN	Reference your message number _____ to _____ delivered on _____ at _____ UTC.
FIFTY	Greetings by Amateur Radio.
FIFTY ONE	Greetings by Amateur Radio. This message is sent as a free public service by ham radio operators at _____. Am having a wonderful time.
FIFTY TWO	Really enjoyed being with you. Looking forward to getting together again.
FIFTY THREE	Received your _____. It's appreciated; many thanks.
FIFTY FOUR	Many thanks for your good wishes.
FIFTY FIVE	Good news is always welcome. Very delighted to hear about yours.
FIFTY SIX	Congratulations on your _____, a most worthy and deserved achievement.
FIFTY SEVEN	Wish we could be together.
FIFTY EIGHT	Have a wonderful time. Let us know when you return.
FIFTY NINE	Congratulations on the new arrival. Hope mother and child are well.
*SIXTY	Wishing you the best of everything on _____.
SIXTY ONE	Wishing you a very Merry Christmas and a Happy New Year.
*SIXTY TWO	Greetings and best wishes to you for a pleasant _____ holiday season.
SIXTY THREE	Victory or defeat, our best wishes are with you. Hope you win.

FSD-3 (5/05)

SIXTY FOUR	Arrived safely at _____.
SIXTY FIVE	Arriving _____ on _____. Please arrange to meet me there.
SIXTY SIX	DX QSLs are on hand for you at the _____ QSL Bureau. Send _____ self addressed envelopes.
SIXTY SEVEN	Your message number _____ undeliverable because of _____. Please advise.
SIXTY EIGHT	Sorry to hear you are ill. Best wishes for a speedy recovery.
SIXTY NINE	Welcome to the _____. We are glad to have you with us and hope you will enjoy the fun and fellowship of the organization.

* Can be used for all holidays.

ARRL Recommended Precedences

Please observe the following ARRL provisions for PRECEDENCES in connection with written message traffic. These provisions are designed to increase the efficiency of our service both in normal times and in emergency.

EMERGENCY--Any message having life and death urgency to any person or group of persons, which is transmitted by Amateur Radio in the absence of regular commercial facilities. This includes official messages of welfare agencies during emergencies requesting supplies, materials or instructions vital to relief of stricken populace in emergency areas. During normal times, it will be *very* rare. On CW/RTTY, this designation will *always* be spelled out. When in doubt, do not use it.

PRIORITY--Use abbreviation P on CW/RTTY. This classification is for a) important messages having a specific time limit b) official messages not covered in the emergency category c) press dispatches and emergency-related traffic not of the *utmost* urgency d) notice of death or injury in a disaster area, personal or official.

WELFARE--This classification, abbreviated as W on CW/RTTY, refers to either an inquiry as to the health and welfare of an individual in the disaster area or an advisory from the disaster area that indicates all is well. Welfare traffic is handled only after all emergency and priority traffic is cleared. The Red Cross equivalent to an incoming Welfare message is DWI (Disaster Welfare Inquiry).

ROUTINE--Most traffic in normal times will bear this designation. In disaster situations, traffic labeled Routine (R on CW/RTTY) should be handled last, or not at all when circuits are busy with higher precedence traffic.

Note--the precedence always follows the message number. For example, a message number may be 207R on CW and "Two Zero Seven Routine" on phone.

FSD-3 (5/05)

Communicating with Other Hams

Contact Basics: Good Amateur Practices

Q-Signals

Q-signals are a system of radio shorthand as old as wireless and developed from even older telegraphy codes. Q-signals are a set of abbreviations for common information that save time and allow communication between operators who don't speak a common language. Modern ham radio uses them extensively. The table below lists the most common Q-signals used by hams. While Q-signals were developed for use by Morse operators, their use is common on phone, as well. You will often hear, "QRZed?" as someone asks "Who is calling me?" or "I'm getting a little QRM" from an operator receiving some interference or "Let's QSY to 146.55" as two operators change from a repeater frequency to a nearby simplex communications frequency.

Q-Signals	
Abbr.	**Questions**
QRG	Your exact frequency (or that of _____) is _____kHz. Will you tell me my exact frequency (or that of _____)?
QRL	I am busy (or I am busy with _____). Are you busy? Usually used to see if a frequency is busy.
QRM	Your transmission is being interfered with _____ (1. Nil; 2. Slightly; 3. Moderately; 4. Severely; 5. Extremely.) Is my transmission being interfered with?
QRN	I am troubled by static _____. (1 to 5 as under QRM.) Are you troubled by static?
QRO	Increase power. Shall I increase power?
QRP	Decrease power. Shall I decrease power?
QRQ	Send faster (_____wpm). Shall I send faster?
QRS	Send more slowly (_____wpm). Shall I send more slowly?
QRT	Stop sending. Shall I stop sending?
QRU	I have nothing for you. Have you anything for me?
QRV	I am ready. Are you ready?
QRX	I will call you again at _____hours (on _____kHz). When will you call me again? Minutes are usually implied rather than hours.
QRZ	You are being called by _____ (on _____kHz). Who is calling me?
QSB	Your signals are fading. Are my signals fading?
QSK	I can hear you between signals; break in on my transmission. Can you hear me between your signals and if so can I break in on your transmission?
QSL	I am acknowledging receipt. Can you acknowledge receipt (of a message or transmission)?
QSO	I can communicate with _____ direct (or relay through _____). Can you communicate with _____ direct or by relay?
QSP	I will relay to _____. Will you relay to _____?
QST	General call preceding a message addressed to all amateurs and ARRL members. This is in effect "CQ ARRL."
QSX	I am listening to _____ on _____kHz. Will you listen to _____on _____kHz?
QSY	Change to transmission on another frequency (or on _____kHz). Shall I change to transmission on another frequency (or on _____kHz)?
QTC	I have _____messages for you (or for _____). How many messages have you to send?
QTH	My location is _____. What is your location?
QTR	The time is _____. What is the correct time?

ITU Phonetic Alphabet		
Letter	**Word**	**Pronunciation**
A	Alfa	**AL** FAH
B	Bravo	**BRAH** VOH
C	Charlie	**CHAR** LEE
D	Delta	**DELL** TAH
E	Echo	**ECK** OH
F	Foxtrot	**FOKS** TROT
G	Golf	GOLF
H	Hotel	HOH **TELL**
I	India	**IN** DEE AH
J	Juliet	**JEW** LEE ETT
K	Kilo	**KEY** LOH
L	Lima	**LEE** MAH
M	Mike	MIKE
N	November	NO **VEM** BER
O	Oscar	**OSS** CAH
P	Papa	PAH **PAH**
Q	Quebec	KEH **BECK**
R	Romeo	**ROW** ME OH
S	Sierra	SEE **AIR** RAH
T	Tango	TANG GO
U	Uniform	**YOU** NEE FORM
V	Victor	**VIK** TAH
W	Whiskey	**WISS** KEY
X	X-Ray	**ECKS** RAY
Y	Yankee	**YANG** KEY
Z	Zulu	**ZOO** LOO

Note: The **boldfaced** syllables are emphasized. The pronunciations shown in this table were designed for those who speak any of the international languages. The pronunciations given for "Oscar" and "Victor" may seem awkward to English-speaking people in the US.

Project #580

Carolina Slow Net Example from WK4WC

An audio file of this example can be found in Folder 14 of the LICW Dropbox under Net Examples

QRL?

```
CSN CSN CSN DE WK4WC
CAROLINAS SLOW NET MEETS DAILY ALL WELCOME
CSN QND QNZ DE WK4WC/C (WK4WC IS THE REP FROM THE NC EVENING PHONE NET)

CSN QNA CN REP QNI K (ASKING FOR A CAROLINAS NET REP /B)
CSN QNA SC REP QNI K (ASKING FOR A SOUTH CAROLINA NET REP /D)

DE WS4P/D GE LANE QRU <AR> (WS4P IS THE SC REP)(NO TRAFFIC)
GE AL WS4P TNX/D <AS>

CSN DE WK4WC QNI K W W
DE KV4WN GE LANE QRU <AR> (NO TRAFFIC)
KV4WN GE NED <AS>

CSN QNI K
CSN DE WK4WC QNI K M M
DE N6MRS GE LANE QTC KV4WN 1 <AR> (N6MRS, MIKE HAS 1 MESSAGE FOR KV4WN)
N6MRS GE MIKE R1 <AS> (R1, NET CONTROL RECOGNISES ONE MESSAGE)

CSN DE WK4WC QNI K   K K
DE KI4KZS GE LANE QRU <AR> (NO TRAFFIC)
KI4KZS GE BRENT <AS>

CSN QNI K
WS4P R NET CALL PSE K
CSN CSN DE WS4P QNI K (AL WS4P ASKED TO MAKE A NET CALL FOR NCS)
CSN CSN QNI
NIL K (NOTHING HEARD)
TU AL PSE <AS>
CSN DE WK4WC QNI K (NO MORE CHECKINS, MOVE TRAFFIC)

KV4WN R (NCS CALLS RECEIVING STATION)
N4MRS R (NCS CALLS SENDING STATION)
QNK KV4WN 1 HR K (TRANSMIT ONE MESSAGE TO KV4WN HERE, ON THIS FREQUENCY)

N4MRS DE KV4WN HEY MIKE QRV K (READY TO COPY)
KV4WN DE N6MRS HEY NED QSK HR (FULL BREAKIN)

(RADIOGRAM FOLLOWS)
NR 38 R N6MRS 18 LAKELAND FL JUN 1
KV4WN
BT
CSN SUN MAY 31 QNI
6 QTC 1/1 QND 22 (NOTE THE ? HERE)
QNS WK4WC/C WS4P/D/1/1 KV4WN KI4KZS
W0NV N6MRS/A 73
BT
```

```
MIKE N6MRS <AR> N (NO MORE)

QSL (ACKNOWLEDGE THE RECEIPT) TU MIKE FER TFC 73 K
TNX NED FB
NET (RETURN TO NET CONTROL)

FB TU GENTS
CSN DE WK4WC QNI K
WS4P R (NCS CALLS EACH STATION)
KV4WN R
N6MRS R
KI4KZS R
TU AL NED MIKE ES BRENT FER QNI HELP (NOTE ?) ES TFC NW QNX 73 K (QNX YOU
ARE EXCUSED FROM THE NET)

TNX LANE FB NET 73 GN FOLKS DE WS4P <SK> (COMMENT FROM EACH STATION)
GN ALL 73 DE KV4WN <SK>
TNX LANE GN ALL 73 N6MRS <SK>
TNX LANE FB NET GN YALL 73 DE KI4KZS <SK>

LAST CALL CSN DE WK4WC QNI K
CSN QNF (THE NET IS CLOSED) DE WK4WC <SK> EE EE EE EE EE (TRADITIONAL
DOUBLE DIT FROM EACH STATION)
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Michigan Net Preamble

Control Station (NCS)

Preamble

QMN QMN QMN QNN {CALLSIGN}
QMN QMN QMN MICHIGAN SECTION NET OF
RRI AND NTS
QMN QND QNZ QNN {CALLSIGN}

What does this mean?

Calling the net stations –**QNN** ID Net control [Call]
Formal Net Identification
Net affiliations (RRI & NTS)
(*Radio Relay International & National Traffic System*)
QND – Net is directed (by NCS)
QNZ – Zero Beat with NCS (UNDERLINE IMPORTANT!)

Call for representatives

QNA 8RN REP K
QNA DTN REP K
QNA SEMTN REP K

QNA – Answer in prearranged order
8RN-Rep – Eighth Region Net (Representative)
            (*Serves MI, OH, WV*)
DTN-Rep – Digital Traffic Network
SEMTN-Rep – Southeast Michigan Traffic Net
            (*2 Meter FM local Area Net*)

Call for general announcements

QNA QNC K

QNC – All Net Stations Copy

Call for traffic

QNA QTC K

QTC – Call NCS with # of messages to send

If Traffic:
NCS may ask one of the 'Rep' stations to QNY
If Traffic not going to a 'Rep' NCS may wait to see who
else checks into the net and offers to receive the
message.

QNY – Shift frequency and send traffic to (Call-sign)

We will discuss how the stations that shift to another
frequency transfer their traffic and then report back
to the Net in another lesson.

Call for check-ins

QMN QMN [DE {CALLSIGN}] QNI K

DE – Pro-sign "This is" (used before Call-sign)
QNI – Net stations report in
(Stations respond: DE [Callsign] List Traffic, or
QRU – I have nothing for you now.)

GE {NAME} {CALLSIGN} TU AS

NCS is welcoming the station into the net.

Excusing check-ins

{CALLSIGN} TNX QNI [name] QRU QNX 73 K

At the conclusion of the Net:
QNX – You are excused from the Net
Station respond with TU 73 DE (Call sign) SK

Closing the net

QMN LAST CALL QNI K QMN QNF DE
{CALLSIGN} SK

Final call for check in by stragglers and
QNF – Net is 'free'
Returns frequency to normal amateur radio use.

LICW Slow Net Preamble / NCS Procedure

This is a guide to the procedure for participating in the Long Island CW Club Slow ZOOM net (LSN).

Every CW traffic net is different so please listen to your net of choice until you are comfortable with that net.

This document is color coded to make it easier to follow while the net is in progress.
Net Control in green **Responding Station in blue**

Most Net Control Stations (NCS) will begin the net by making sure the frequency is not busy. If it is, the entire net can be moved up or down 1 or 2 Khz. This can also be done if there is too much too much QRN on the chosen frequency.
QRL? (Is the frequency in use?)

Preamble
Net control will start the net by sending the preamble. This identifies the net and invites participants.

LSN LSN LSN DE (NCSCALL)
LICW CLUB SLOW NET MEETS EACH TUESDAY ALL WELCOME

NCS further identifies the net as a "directed" net by sending QND (Net is directed, controlled by the net control station). These are also known as "formal" nets which means that no station should send unless directed by NCS.

The QNZ (zero beat your signal with mine). Simply stated all stations should be on the same frequency.

LSN QND QNZ DE (NCSCALL) +/NY,/MI or /NC if NCS is also a rep
Traffic nets typically have regular check-ins by representatives from other nets. They could be phone or other CW nets. These will be checked in first but if NCS is also a rep from another net, "/REPFROM" would be appended to the NCS callsign.

Call for representatives from other nets by QNA (Answer in a prearranged order) using the New York rep as an example.

LSN QNA NY REP QNI K NCS invites the New York Rep to check in.

With No Traffic
NY rep responds to his QNA with QRU (I have no traffic for the net)
DE CALLSIGN/NY QRU AR The "AR" here means end of transmission or "over" etc.

NCS would respond by repeating the rep's call and greeting him/her by name, thank the rep for their service and tell them to stand by AS
"Rep's Call" + GE "rep's name" TNX /NY AS

With Traffic
NY rep responds to his QNA with QTC (I have message(s) to send), then list where the messages are going and how many in that order. Example, the NY rep has one message for Michigan and one for North Carolina the NY rep would send
DE CALLSIGN/NY QTC MI 1 NC 1 AR

NCS would respond by repeating the rep's call and greeting him/her by name, thank the rep for their service. NCS would also acknowledge the rep's 2 messages with "R (roger) 2" and tell him/her to stand by AS
"Rep's Call" + GE "rep's name" TNX /NY R 2 AS

NCS calls QNA for each representative until all are checked in with or without traffic.

General call for check-ins
When all the representatives are checked in NCS issues a general call for check-ins
LSN DE (NCSCALL) QNI K

Any station who wants to check in will send a **SINGLE** letter, typically the first letter of the suffix of their callsign.

Example W4SND would send "S"
NCS will recognize that station by repeating that letter "S" inviting the station to check in.

Much like the representative checking in…

With No Traffic

The station responds with QRU (I have no traffic for the net)

DE CALLSIGN QRU AR

NCS responds by repeating the station's call and greeting him/her by name and telling them to stand by AS

"Station's Call" + GE "name" AS

With Traffic

Station responds with QTC (I have message(s) to send), then list where the messages are going and how many in that order. An example would be W4SND has one message for W4RCV, another station on the net.

DE W4SND QTC W4RCV 1 AR

NCS would respond by repeating the station's call and greeting him/her by name, and acknowledge the station's message with "R (roger) 1" then to stand by AS

W4SND + GE "name" R 1 AS

NCS Repeats QNI (additional check-ins) until there are no more responses.

LSN DE (NCSCALL) QNI K

Or just

LSN QNI K

Handle Traffic

NCS will give instructions to the receiving and sending stations on how to proceed with passing the traffic.

(Using the example of W4SND and W4RCV above)

NCS calls the receiving station first.

W4RCV

W4RCV acknowledges with a single letter, usually "R"

R

NCS then calls the sending station

W4SND

W4SND acknowledges as well

R

NCS issues instructions using QNK (transmit your message) telling the sending station to transmit 1 message to W4RCV here (HR) on this frequency

QNK W4RCV 1 HR K

The receiving stations calls the sending station with QRV (ready to copy).
W4SND DE W4RCV QRV <u>AR</u>

The sending stations replies with QSK (full break-in)
W4RCV DE W4SND QSK
The sending station transmits the message at this time. The receiving station may request repeats with a series of dits or ask for fills when the message is complete. When the message has been transmitted the sending station will let the receiving station know by sending (in this case) <u>AR</u> N (over, No more traffic). Other variations of the AR may be sent if there are multiple messages.

When the receiving station is satisfied that he/she has copied the message accurately he/she responds with QSL (I acknowledge the receipt of your message)
QSL DE W4RCV K

The transmitting station may thank the sending station (or not) then return control back to the net.
TNX DE W4SND NET K

If traffic is heavy NCS can send stations off frequency to pass traffic by sending a frequency designator during his QNK directions.
The "DN 2" here means to move down 2 Khz to pass your traffic.
QNK W4RCV 1 DN 2 K

Slow CW nets usually pass traffic on frequency "HR" so that all stations can hear the traffic being passed for practice.

NCS will call for check-ins after traffic is passed or between messages.
LSN DE (NCSCALL) QNI K

Release Stations from the net
When NCS is satisfied that there are no more check-ins or traffic he/she will begin closing the net. It is very important that all stations remain alert to the net until they are released by NCS.

NCS will always call each station, usually in the same order they checked in by sending their a callsign.
CALLSIGN

The station called responds by sending an "R"

R

How stations are released is strictly up to NCS. Depending on time, conditions or other factors, NCS may release stations one at a time, several at a time or all at one time so you have to pay attention.

NCS releases the stations called with QNX (you are excused from the net)

TNX "callsign" or "name" (or folks, guys, gals, all etc) FER QNI NW QNX 73 K

Stations respond in the order they were called sometimes sending a greeting followed by SK (out, clear)

DE CALLSIGN GE ALL 73 SK

When all stations have been released NCS will ask one last time for check-ins

LAST CALL LSN DE (NCSCALL) QNI K

Finally NCS will close the net by sending QNF (Net is free, not controlled) and often a greeting followed by SK

LSN QNF DE (NCSCALL) SK

ARRL, RRI & 'Other' Net Search Functions

ARRL Net Search

http://www.arrl.org/arrl-net-directory-search

To find the ARRL Section Traffic Manager

First go to ARRL Section List.
http://www.arrl.org/sections-by-divisions

Then your section: (*Michigan Section Example*)
http://www.arrl.org/Groups/view/michigan

Find the name listed there.

NAQQC CW nets

http://naqcc.info/cw_nets.html

Radio Relay International – Nets Listing

http://radio-relay.org/wp-content/uploads/2020/03/TrafficNets.pdf

Aaron Hulett K8AMH – NTS Traffic Handling Training Video:

https://www.youtube.com/watch?v=OOoQtzPRaIY

Western Area Nets:

http://www.felge.us/nwnets.html

West Coast Net

West Coast Net - An Amatuer Radio Over The Air CW Slow Speed Net

SDR Introduction Video

Frugal Radio: 2020 SDR Guide Ep 2 – Using Free Online SDRs

SDR Receivers OnLine

KiwiSdr.com/public   (HF Receivers)
WebSdr.org

Slow Speed and Training Nets

NET NAME	FUNCTION	FREQ.	Net TZ	Net Time	DAYS	NET MGR	Rcvd at: Call	Rcvd QTH: City / State	COMMENTS Note: * denotes net is affiliated with the National Traffic System
Oklahoma CW Training Net	Traffic/Training	7.120.60	CT	1720	Daily	WB5KND			
* K9YA Slow Net	Practice/Fun	7.137.00	CT	1900	Daily	N9BOR			
* Texas Slow Net (TSN)	Traffic/Training	3.552.00	CT	1945	Daily	W5ESE			http://www.atcweb.com/tsn/Texas_Slow_Net.htm
ILN (Illinois Net?)	Traffic	3.538	CT	2000	tbd	WC9P	N8FNC	Dearborn, Michigan	Seems to be a training net.
NARL CW Slow Net	Traffic/Training	28.180.00	ET	730	Daily	AA1GW			
Hit And Bounce Slow Net	Traffic/Training	7.112.00	ET	730	Daily	N7MPS	WK4WC	MOUNT PLEASANT, NC	http://hitandbounce.net/
Sunrise Net	Practice/Fellowship	7.123.00	ET	900	Daily	KA4KXX	WK4WC	MOUNT PLEASANT, NC	http://qsl.net/srn/
*Maine Slow Speed Net	Training	3.585.00	ET	1800	Daily	W1QU			
Empire Slow Speed (ESS)	Traffic/Training	3.566.00	ET	1800	Daily	WI2G	W2ITT	Huntington, NY	Frequency Corrected here 9/11/2021
Midsouth CW Training Net	Training	3.593.00	ET	1800	Daily	WD4PTJ			
* Ohio CW Slow Net	Traffic/Training	3.535.50	ET	1810	Daily	WD8Q	N8FNC	Dearborn, Michigan	Good signal into souhern Michigan
Commonwealth Slow Speed Net	Traffic/Training	3.547.00	ET	1830	Su/M/Th/Sa	K2PB	K2MZ	New Net - Welcome!	
NJ CW Slow Net	Traffic/Training	3.547.00	ET	1830	Daily	K2PB		Currently inactive.	
PA CW Training Net	Code Practice	3.537.00	ET	1830	Daily	N3SW			
PA Traffic Net (PTN)	Traffic/Training	3.585.00	ET	1900	Daily	N3GE			
* Maryland CW Slow Net	Traffic/Training	3.563.00	ET	1930	Daily	W8CPG	N2GSL	Long Island, NY	Weak Signal
* Carolina Slow Net (CSN)	Traffic/Practice	3.571.00	ET	2000	Daily	KV4WN	WK4WC	MOUNT PLEASANT, NC	New NET MANAGER
* VE2UMS CW Traffic Net	Traffic	3.578.00	ET	2000	Daily	VE2CBW			
MARISN (Ma & RI, Slow Net)	Traffic/Training	3.598.00	ET	2030	M, T, F, Sa	K2MZ		Currently inactive.	Advised closed by W2ITT
MICHIGAN QRP NET	INFORMAL	3.535.00	ET	2100	Tuesdays	K8JRO/MI	N8FNC	Dearborn, Michigan	Strong NCS Signal
* Georgia CW Training Net	Traffic/Training	3.549.00	ET	2100	Daily	WE4GA	N8FNC	Dearborn, Michigan	Weak Signal
Florida CW Traffic Net	Traffic/Training	3.547.00	ET	2200	Daily	AG4RJ	K3ZGA	The Villages, FL	QFN: All Florida CW Traffic Net Alt. Freq. 7.051
*Utah CW Net	Traffic/Training	3.570.00	MT	1930	Daily	NA7G			
* Idaho Montana CW Net	Traffic/Training	3.572.00	MT	1945	Daily	N7MPS	AG7FH	MISSOULA, Montana	Reported through email
Hoodview CW Net	CW Practice	28.130.00	PT	1900	Daily	N7QR	W7PAT	Beaverton, OR	
*West Coast Slow Net(WCN)	Traffic/Training	3.540.00	PT	1900	Daily	K7EX	W7PAT	http://west-coast-net.info/index.php	
* British Columbia Net	Emergency Traffic	3.652.00	PT	1900	Daily	VE7XLH			
*Northern CA Slow Net	Traffic/Training	3.705.00	PT	2100	Daily	WB6UZX			
Sandia Valley Slow Net	Code Practice	7.063.00	PT	2100	Wed	WB7RHT			
Northern California Net (NCN)	CW (Slow)	3.533.00	PT	2100	Daily	WB6UZX			

AREA/RGN	STATE	TIME	TZ	DAYS	FREQ	NET	COVERAGE	NOTES	MGR	MGR EMAIL
EU		19:00	Z	DAILY	3.592	EU DIGI TRAFFIC NET	EUROPE	ALT. 7.048 (PACTOR 1 & 2)	DL4FN	DL4FN @ T-ONLINE.DE
EU		19:30	Z	M	3.592	EU CW TRAFFIC NET	EUROPE		DL4FN	DL4FN @ T-ONLINE.DE
OC		06:00	Z	M-F	14.349	AUSTRALIA CW NET	AUSTRALIA		VK6RR	RADIOROY_99 @ YAHOO.COM
OC		21:00	NZ	M-F	3.535	NEW ZEALAND NET	NEW ZEALAND	RADIO1NZ . COM / NZNET	ZL1NZ	NEIL @ ZL1.NZ
EAN/1RN	CT	10:00	ET	SU	3.965	CT PHONE NET – SNOWDESK		ALT. 7.233	WX1T	WX1T @ ARRL.NET
EAN/1RN	CT	18:00	ET	M-S	3.973	CT PHONE NET		ALT. 7.233	WX1T	WX1T @ ARRL.NET
EAN/1RN	CT	19:00	ET	DAILY	3.533	CT NET			WA1GGN	WA1GGN @ COMCAST.NET
EAN/1RN	CT	20:30	ET	DAILY	145.410/141.3	WESTERN CT TRAFFIC NET			KB1NMO	KB1NMO @ ARRL.NET
EAN/1RN	CT	20:30	ET	DAILY	147.120/141.3	WESTERN CT TRAFFIC NET			KB1NMO	KB1NMO @ ARRL.NET
EAN/1RN	CT	20:30	ET	DAILY	147.180/141.3	WESTERN CT TRAFFIC NET			KB1NMO	KB1NMO @ ARRL.NET
EAN/1RN	CT	21:00	ET	DAILY	146.730/156.7	EASTERN CT TRAFFIC NET			W1MCT	W1MCT @ ARRL.NET
EAN/1RN	CT	21:30	ET	R-T	146.685/77.0	NUTMEG VHF TRAFFIC NET			KB1ZBH	KB1ZBH @ GMAIL.COM
EAN/1RN	CT	21:30	ET	W	147.090/110.9	NUTMEG VHF TRAFFIC NET			KB1ZBH	KB1ZBH @ GMAIL.COM
EAN/1RN	MA	13:00	ET	DAILY	146.910/162.2	WESTERN MASSACHUSETTS NET CYCLE 1			KD2JKV	KD2JKV @ GMAIL.COM
EAN/1RN	MA	16:30	ET	DAILY	146.910/162.2	WESTERN MASSACHUSETTS NET CYCLE 2			N1YCW	N1YCW @ YAHOO.COM
EAN/1RN	MA	17:00	ET	T/R/S	3.978	MASSACHUSETTS/RHODE ISLAND PHONE NET			N1LAH	N1LAH @ ARRL.NET
EAN/1RN	MA	19:00	ET	DAILY	3.565	MASSACHUSETTS/RHODE ISLAND CW NET			KW1U	KW1U @ ARRL.NET
EAN/1RN	MA	19:30	ET	M/T/R/S	147.375/110.9	CAPE & ISLANDS TRAFFIC NET			AC7RB	
EAN/1RN	MA	20:00	ET	DAILY	145.230/88.5	EASTERN MASSACHUSETTS 2 METER NET		ALT. 146.865/103.5	KC1CIC	SCUBAFERRET @ COMCAST.NET
EAN/1RN	MA	21:00	ET	DAILY	146.970/114.8	CENTRAL MASSACHUSETTS 2 METER NET		ALT. 146.925/100.0	KK1X	KK1X @ ARRL.NET
EAN/1RN	MA	22:00	ET	M/W/F/SU	VAR.VHF/UHF	HEAVY HITTERS TRAFFIC NET		MINUTEMAN LINKED REPEATER SYSTEM	W1HAI	
EAN/1RN	ME	09:00	ET	SU	3.940	MAINE PUBLIC SERVICE NET			KY1C	KY1C @ ARRL.NET
EAN/1RN	ME	17:00	ET	M-S	3.940	SEA GULL NET			K1GUP	K1GUP @ ROADRUNNER.COM
EAN/1RN	ME	18:00	ET	M-F	3.585	MAINE SLOW SPEED NET			W1JX	
EAN/1RN	ME	19:00	ET	DAILY	3.596	PINE TREE NET			W1KX	W1KX @ ARRL.NET
EAN/1RN	ME	19:00	ET	SU	3.940	MAINE EMERGENCY COMMUNICATIONS NET				
EAN/1RN	ME	19:30	ET	SU	147.060/91.5	PRE-CHIMES TRAFFIC NET		ALT. 145.490/91.5	KB1TCE	SHANSEN @ BELLJAR.NET
EAN/1RN	NH	07:30	ET	S	3.582	NEW HAMPSHIRE DIGITAL NET		BPSK125, 1500 HZ WATERFALL		
EAN/1RN	NH	08:30	ET	S	3.976	NEW HAMPSHIRE ARES NET				
EAN/1RN	NH	19:15	ET	W	3.539	NEW HAMPSHIRE SLOW NET				
EAN/1RN	NH	21:00	ET	DAILY	146.940/114.8	GRANITE STATE TRAFFIC NET				
EAN/1RN	VT	08:00	ET	SU	3.976	VERMONT PHONE EMERGENCY NET				
EAN/1RN	VT	09:00	ET	SU	3.934	VERMONT PHONE NET				
EAN/1RN	VT	17:00	ET	M-S	3.933	VERMONT GREEN MOUNTAIN NET				
EAN/1RN	VT	18:30	ET	DAILY	3.975	VERMONT NET				
EAN/1RN	VT	19:30	ET	DAILY	3.857	VERMONT PHONE TRAFFIC NET				
EAN/1RN	VT/NH	19:00	ET	DAILY	3.539	VERMONT/NEW HAMPSHIRE TRAFFIC NET				
EAN/1RN		08:45	ET	SU	3.945	NEW ENGLAND PHONE NET				
EAN/1RN		14:45	ET	DAILY	3.948	FIRST REGION NET		ALT. 7.233	K1EIC	BDOANE @ ACM.ORG
EAN/1RN		16:15	ET	DAILY	3.948	FIRST REGION NET		ALT. 7.233	K1EIC	BDOANE @ ACM.ORG
EAN/1RN		19:45	ET	DAILY	3.598	FIRST REGION NET			W1RVY	ECWILCOM @ MSN.COM
EAN/1RN		21:30	ET	DAILY	3.598	FIRST REGION NET			W1RVY	ECWILCOM @ MSN.COM
EAN/2RN	NJ	09:00	ET	SU	3.950	NJ PHONE			KB2RTZ	KB2RTZ @ COMCAST.NET
EAN/2RN	NJ	18:00	ET	DAILY	3.950	NJ PHONE			KB2RTZ	KB2RTZ @ COMCAST.NET
EAN/2RN	NJ	19:00	ET	DAILY	3.544	NJN	NNJ SECTION		WB2VUF	WB2VUF @ ARRL.NET
EAN/2RN	NJ	19:30	ET	DAILY	146.895/151.4	NORTH JERSEY VHF NET	NNJ SECTION	NNJ, ALT. 145.370/151.4	KY2D	KY2D @ ARRL.NET
EAN/2RN	NJ	19:30	ET	DAILY	146.910/127.3	JERSEY SHORE TRAFFIC NET	SNJ SECTION		KC2VXI	SICKRICKY1 @ AOL.COM
EAN/2RN	NJ	20:00	ET	DAILY	146.760/156.7	CENTRAL JERSEY TRAFFIC NET			KB2VRO	JIM_DRY @ VERIZON.NET
EAN/2RN	NJ	20:00	ET	DAILY	147.150/127.3	SOUTH JERSEY TRAFFIC NET	SNJ SECTION	LINKED TO 145.470/127.3 – ALT. 147.345/127.3		
EAN/2RN	NJ	22:00	ET	DAILY	VAR. VHF/UHF	UNION COUNTY TRAFFIC NET		W2NJR LINKED SYSTEM		
EAN/2RN	NJ	22:30	ET	DAILY	146.700/141.3	NEW JERSEY VHF LATE	NNJ SECTION			
EAN/2RN	NY	07:30	ET	DAILY	7.112	HIT & BOUNCE SLOW			W2EAG	NCCWMAN @ AOL.COM
EAN/2RN	NY	08:30	ET	DAILY	7.112	HIT & BOUNCE			W2EAG	NCCWMAN @ AOL.COM
EAN/2RN	NY	09:00	ET	M-S	3.935	CARRIER NET			AK2E	AK2E @ ARRL.NET
EAN/2RN	NY	09:30	ET	SU	3.577	NYS COUNTY				
EAN/2RN	NY	11:00	ET	M-S	3.925	CLEARING HOUSE NET		SU ON 3.928	AA2Y	
EAN/2RN	NY	17:00	ET	DAILY	3.925	NY PUBLIC OPERATIONS NET		ALT. 3.913	AA2Y	
EAN/2RN	NY	18:00	ET	DAILY	3.566	EMPIRE SLOW SPEED NET		ALT. 7.112 & 1.815	WI2G	AFWI2G @ GMAIL.COM
EAN/2RN	NY	18:00	ET	DAILY	3.925	NYS PHONE TRAFFIC & EMERGENCY NET			WA3AFS	WA3AFS @ NYCAP.RR.COM
EAN/2RN	NY	18:30	ET	M-F	147.150/127.3	CAPITOL DISTRICT TRAFFIC NET	ALBANY, NY	ALT. 447.075 & 146.640/100.0	K2HAT	K2HAT @ YMAIL.COM
EAN/2RN	NY	18:30	ET	S/SU	145.170/127.3	CAPITOL DISTRICT TRAFFIC NET	ALBANY, NY			
EAN/2RN	NY	19:00	ET	DAILY	3.569	NYS		ALT. 1.807	KT2D	KT2D @ ARRL.NET
EAN/2RN	NY	19:00	ET	T	147.210/	COLUMBIA-GREENE EMERGENCY SERVICES NET	ENY SECTION		N2USM	DKS-3 @ BERK.COM
EAN/2RN	NY	19:30	ET	DAILY	146.805/136.5	NASSAU CO VHF (NLI SECTION)	NASSAU CO, NY			

AREA/RGN	STATE	TIME	TZ	DAYS	FREQ	NET	COVERAGE	NOTES	MGR	MGR EMAIL
EAN/2RN	NY	19:30	ET	DAILY	146.970/100.0	HUDSON VALLEY NET	ENY SECTION	ALT. 147.045/100.0 & 146.895/100.0	N2JBA	N2JBA @ ARRL.NET
EAN/2RN	NY	19:30	ET	T	146.640/	ALBANY EMERGENCY SERVICES NET	ALBANY, NY		N2RAD	
EAN/2RN	NY	20:00	ET	DAILY	440.600/141.3	BIG APPLE TRAFFIC NET	NYC			
EAN/2RN	NY	20:30	ET	M	441.100/136.5	NYC-ARECS NET	NYC	N2ROW LINKED SYSTEM	N2NOV	N2NOV @ NYC-ARECS.ORG
EAN/2RN	NY	21:30	ET	DAILY	147.060/114.8	SOUTHERN DISTRICT NET	ENY SECTION	ALT. 145.130/136.5, 147.015/114.8	W2MC	W2MC @ ARRL.NET
EAN/2RN		18:30	ET	DAILY	3.926	SECOND REGION PHONE NET		ALT. 1.930 OR 1.925	KB2QO	WFAGAN @ OPTONLINE.NET
EAN/2RN		19:45	ET	DAILY	3.565	SECOND REGION CW NET		ALT. 7.112 & 1.815	WI2G	AFWI2G @ GMAIL.COM
EAN/3RN	DE	18:00	ET	S/SU	3.905	DELAWARE PHONE NET				
EAN/3RN	DE	18:30	ET	M-F	3.905	DELAWARE PHONE NET				
EAN/3RN	MD	17:30	ET	DAILY	3.820	MARYLAND EMERGENCY PHONE NET			W3YVQ	
EAN/3RN	MD	18:00	ET	DAILY	3.820	MD				
EAN/3RN	MD	18:30	ET	DAILY	145.330/	BALTIMORE TRAFFIC NET	BALTIMORE, MD	ALT. 146.670	AB3WG	AB3WG @ ARRL.NET
EAN/3RN	MD	19:00	ET	DAILY	3.577	MARYLAND EMERGENCY CW NET				
EAN/3RN	MD	19:30	ET	DAILY	3.563	MD SLOW				
EAN/3RN	PA	09:00	ET	SU	3.9875	EPA RACES NET	EPA SECTION	ALT. 7.227		
EAN/3RN	PA	18:00	ET	DAILY	3.917	EASTERN PA EMERGENCY PHONE & TRAFFIC NET	EPA SECTION		W3GWM	W3GWM @ PTD.NET
EAN/3RN	PA	19:00	ET	DAILY	3.585	PENNSYLVANIA TRAFFIC NET			N3SW	N3SW @ ARRL.NET
EAN/3RN		16:00	ET	DAILY	3.917	THIRD REGION NET		ALT. 3.913		
EAN/3RN		19:45	ET	DAILY	3.557	THIRD REGION NET				
EAN/3RN		21:30	ET	DAILY	3.557	THIRD REGION NET				
EAN/4RN	FL	07:00	ET	DAILY	3.940	FLORIDA PHONE TRAFFIC NET			WC4FSU	WC4FSU @ CFL.RR.COM
EAN/4RN	FL	09:00	ET	DAILY	3.940	NORTHERN FLORIDA ARES NET			WA4WES	DAVEDAVIS1 @ EMBARQMAIL.COM
EAN/4RN	FL	18:00	ET	DAILY	3.942	TROPICAL FLORIDA SIDEBAND TRAFFIC NET			W2PH	ED @ W2PH.COM
EAN/4RN	FL	19:00	ET	DAILY	3.547	ALL-FLORIDA CW TRAFFIC NET		ALT. 7.111	KZ8Q	KZ8QHAM @ GMAIL.COM
EAN/4RN	FL	19:15	ET	1ST M	147.555/	SEMINOLE VHF TRAFFIC NET			KG4QCD	ABGAUSZ @ ME.COM
EAN/4RN	FL	19:15	ET	DAILY	147.285/107.2	SEMINOLE VHF TRAFFIC NET		EXCEPT FIRST MONDAY	KG4QCD	ABGAUSZ @ ME.COM
EAN/4RN	FL	19:30	ET	DAILY	3.950	NORTHERN FLORIDA PHONE NET		ALT. 7.242 & 7.247	N4QB	N4QB @ ARRL.NET
EAN/4RN	GA	07:00	ET	M-S	3.995	GEORGIA CRACKER NET			AF4XZ	AF4XZ @ CHARTER.NET
EAN/4RN	GA	13:00	ET	M-S	7.2875	GEORGIA TRAFFIC NET			WA0CGZ	WA0CGZ @ ARRL.NET
EAN/4RN	GA	19:00	ET	DAILY	3.549	GEORGIA STATE NET			K4GK	K4GK @ ARRL.NET
EAN/4RN	GA	19:15	ET	DAILY	3.9825	GEORGIA TRAFFIC & EMERGENCY NET			KI4NGD	KI4NGD @ ARRL.NET
EAN/4RN	GA	21:00	ET	DAILY	3.549	GEORGIA TRAINING NET				
EAN/4RN	GA	22:00	ET	DAILY	3.549	GEORGIA STATE NET				
EAN/4RN	GA	23:00	Z	DAILY	3.975	GEORGIA SSB NET			KE4VPD	KE4VPD @ GMAIL.COM
EAN/4RN	NC	07:45	ET	DAILY	3.927	NORTH CAROLINA MORNING NET			W3OJO	W3OJO @ NC.RR.COM
EAN/4RN	NC	18:30	ET	DAILY	3.923	NC EVENING NET			WC9CW	WC9CW @ ARRL.NET
EAN/4RN	NC	19:30	ET	DAILY	3.938	NORTH CAROLINA SSB NET				
EAN/4RN	NC	19:30	ET	DAILY	145.150/100.0	PIEDMONT TRIAD TRAFFIC NET			KK4HAO	DIXIEPRIDETOWING15 @ GMAIL.COM
EAN/4RN	NC	20:30	ET	DAILY	146.685/88.5	EASTERN NC TRAFFIC NET			W4DNA	W4DNA @ ARRL.NET
EAN/4RN	NC	21:00	ET	DAILY	146.880/	PIEDMONT COASTAL TRAFFIC NET			W4TTO	W4TTO @ ARRL.NET
EAN/4RN	NC	21:30	ET	DAILY	146.820/	CENTRAL NC TRAFFIC NET			KE4AHC	MKEDWARDS.ME @ GMAIL.COM
EAN/4RN	NC/SC	19:00	ET	DAILY	3.571	CAROLINAS NET – EARLY			KC4PGN	OOGLEMASTER @ CHARTER.NET
EAN/4RN	NC/SC	20:00	ET	DAILY	3.571	CAROLINAS SLOW			WS4P	WS4P @ ARRL.NET
EAN/4RN	NC/SC	22:00	ET	DAILY	3.571	CAROLINAS NET – LATE			KC4PGN	OOGLEMASTER @ CHARTER.NET
EAN/4RN	SC	19:00	ET	DAILY	3.915	SOUTH CAROLINA TRAFFIC NET				
EAN/4RN	VA	18:00	ET	DAILY	3.947	VIRGINIA SIDEBAND NET (VSBN)			KD4EAQ	KD4EAQ.M @ GMAIL.COM
EAN/4RN	VA	19:00	ET	DAILY	3.569	VIRGINIA CW NET (VN)			KV4AN	KV4AN @ ARRL.NET
EAN/4RN	VA	22:00	ET	DAILY	3.947	VIRGINIA LATE NET (VLN)				
EAN/4RN		13:45	ET	DAILY	7.218	ATLANTIC TRAFFIC NET			KD4EAQ	CRS4NOW @ GMAIL.COM
EAN/4RN		13:45	ET	DAILY	7.243	FOURTH REGION NET		ALT. 7.222	KD4EAQ	CRS4NOW @ GMAIL.COM
EAN/4RN		15:30	ET	DAILY	7.218	ATLANTIC TRAFFIC NET			KD4EAQ	CRS4NOW @ GMAIL.COM
EAN/4RN		15:30	ET	DAILY	7.222	FOURTH REGION NET			KD4EAQ	CRS4NOW @ GMAIL.COM
EAN/4RN		19:45	ET	DAILY	3.567	FOURTH REGION NET		MOVE TO 7.117 IN SPRING	WB4FLT	JHPBASS @ GMAIL.COM
EAN/4RN		21:30	ET	DAILY	3.567	FOURTH REGION NET		MOVE TO 7.117 IN SPRING	WB4FLT	JHPBASS @ GMAIL.COM
EAN/8RN	MI	10:00	ET	DAILY	3.952	MICHIGAN ACS			WB8TQZ	WB8TQZ @ ARRL.NET
EAN/8RN	MI	12:00	ET	SU	3.921	UPPER PENINSULA NET			WA8DHB	WEYANDTPATTI @ GMAIL.COM
EAN/8RN	MI	17:00	ET	DAILY	3.920	UPPER PENINSULA NET			WA8DHB	WEYANDTPATTI @ GMAIL.COM
EAN/8RN	MI	17:00	ET	SU	3.932	MICHIGAN ARPSC		ALT. 7.232	WB8RCR	WB8RCR @ ARRL.NET
EAN/8RN	MI	18:30	ET	DAILY	3.563	MICHIGAN NET		ALT. 7.063 & 1.812	K8BKM	THAMMOND @ CHARTERMI.NET
EAN/8RN	MI	18:30	ET	DAILY	146.640/107.2	NORTHERN LOWER EASTERN UPPER PENINSULA NET				
EAN/8RN	MI	19:00	ET	DAILY	3.952	MICHIGAN TRAFFIC NET		ALT. 1.895	WB8TQZ	WB8TQZ @ ARRL.NET
EAN/8RN	MI	20:00	ET	DAILY	3.932	GREAT LAKES EMERG & TRAFFIC NET			WA8IAL	
EAN/8RN	MI	20:00	ET	T/R/S	3.583	MICHIGAN DIGITAL TRAFFIC NET		1KHZ WATERFALL SPOT	N8LBF	N8LBF @ ARRL.NET
EAN/8RN	MI	21:00	ET	M/W/F	147.160/	MICHIGAN VHF TRAFFIC NET		IRA LINKED SYSTEM	K8RDN	K8RDV73 @ GMAIL.COM

AREA/RGN	STATE	TIME	TZ	DAYS	FREQ	NET	COVERAGE	NOTES	MGR	MGR EMAIL
EAN/8RN	MI	21:30	ET	M-S	147.300/	THUMB MID-MICHIGAN TRAFFIC NET				
EAN/8RN	MI	22:00	ET	DAILY	3.563	MICHIGAN NET		ALT. 7.063 & 1.812	K8BKM	THAMMOND @ CHARTERMI.NET
EAN/8RN	MI	22:15	ET	DAILY	146.760/	SOUTHEASTERN MICHIGAN TRAFFIC NET			KD8QPF	KD8QPF @ GMAIL.COM
EAN/8RN	OH	10:30	ET	DAILY	3.9725	OHIO SINGLE SIDEBAND NET		ALT. 1.840, 3.968	WB8SIQ	WB8SIQ @ TWC.COM
EAN/8RN	OH	16:15	ET	DAILY	3.9725	OHIO SINGLE SIDEBAND NET		ALT. 1.840, 3.968	WB8SIQ	WB8SIQ @ TWC.COM
EAN/8RN	OH	18:00	ET	DAILY	3.53535	OHIO SLOW NET				
EAN/8RN	OH	18:30	ET	DAILY	146.940/103.5	NORTHWEST OHIO TRAFFIC NET		ALT. 147.345/103.5	N8TNV	N8TNV @ ARRL.NET
EAN/8RN	OH	18:45	ET	DAILY	3.580	BUCKEYE NET				
EAN/8RN	OH	18:45	ET	DAILY	3.9725	OHIO SINGLE SIDEBAND NET		ALT. 1.840, 3.968	WB8SIQ	WB8SIQ @ TWC.COM
EAN/8RN	OH	19:00	ET	M	146.640/123.0	MIAMI VALLEY TRAFFIC NET				
EAN/8RN	OH	19:15	ET	DAILY	146.970/123.0	CENTRAL OHIO TRAFFIC NET		ALT. 146.760/123.0, 147.240/179.9, 147.510	KD8TTE	KD8TTE @ PM.ME
EAN/8RN	OH	22:00	ET	DAILY	3.590	BUCKEYE NET				
EAN/8RN	WV	16:30	ET	DAILY	3.811	WEST VIRGINA NET				
EAN/8RN		12:30	ET	DAILY	3.865	EIGHTH REGION NET		ALT. 7.235		
EAN/8RN		13:45	ET	DAILY	7.235	EIGHTH REGION NET				
EAN/8RN		15:30	ET	DAILY	7.235	EIGHTH REGION NET				
EAN/8RN		16:30	ET	DAILY	3.865	EIGHTH REGION NET		ALT. 7.235		
EAN/8RN		19:45	ET	DAILY	3.533	EIGHTH REGION NET	CYCLE 4		WB9LBI	WB9LBI @ ARRL.NET
EAN/8RN		21:30	ET	DAILY	3.533	EIGHTH REGION NET	CYCLE 4		WB9LBI	WB9LBI @ ARRL.NET
EAN		15:15	ET	M/W/F	7.222	EASTERN AREA NET				
EAN		15:30	ET	T/R/S/SU	7.222	EASTERN AREA NET			W8YS	
EAN		20:00	ET	DAILY	3.552	RRIE				
EAN		20:30	ET	DAILY	3.570	EASTERN AREA NET		ALT. 3.552	WB4FDT	PHILWB4FDT @ HOTMAIL.COM
CAN/5RN	AL	08:00	CT	SU	3.965	ALABAMA TRAFFIC NET MIKE			KI4ZZD	C.OSWALT @ GMAIL.COM
CAN/5RN	AL	10:00	CT	DAILY	3.965	ALABAMA DAY NET				
CAN/5RN	AL	15:30	CT	SU	3.570	ALABAMA DIGITAL EMERGENCY NET		ALT. 7.100		
CAN/5RN	AL	16:00	CT	SU	3.965	ALABAMA EMERGENCY NET		ALT. 7.243		
CAN/5RN	AL	18:30	CT	DAILY	3.965	ALABAMA TRAFFIC NET MIKE			KI4ZZD	C.OSWALT @ GMAIL.COM
CAN/5RN	AR	06:00	CT	M-S	3.9875	ARKANSAS PHONE NET			W5DUG	W5DUGHAMSHACK @ GMAIL.COM
CAN/5RN	AR	16:30	CT	M-F	3.927	MOCKINGBIRD NET				
CAN/5RN	AR	18:00	CT	DAILY	3.9875	ARKANSAS RAZORBACK NET		MEETS AT 18:30 IN SUMMER		
CAN/5RN	LA	18:00	CT	SU/M/W/F	3.910	LOUISIANA SSB TRAFFIC NET				
CAN/5RN	LA	21:30	CT	DAILY	3.935	SOUTHWEST TRAFFIC NET				
CAN/5RN	MS	01:00	Z	W	3.825	K5TAL AMERICAN LEGION NET			KA5DON	DON.RAND @ GMAIL.COM
CAN/5RN	MS	06:00	CT	M-F	3.8625	MAGNOLIA SECTION NET			KA5DON	DON.RAND @ GMAIL.COM
CAN/5RN	MS	07:00	CT	S/SU/HOL	3.8625	MAGNOLIA SECTION NET			KA5DON	DON.RAND @ GMAIL.COM
CAN/5RN	MS	18:00	CT	DAILY	3.862	MISS. SECTION PHONE NET		ALT. 7.238	KA5DON	DON.RAND @ GMAIL.COM
CAN/5RN	MS	18:00	Z	SU	7.260	MISSISSIPPI BAPTIST NET			KA5DON	DON.RAND @ GMAIL.COM
CAN/5RN	OK	17:20	CT	DAILY	7.1206	OKLAHOMA TRAINING NET				
CAN/5RN	OK	17:30	CT	M-S	3.845	OKLAHOMA SOONER TRAFFIC NET				
CAN/5RN	TN	05:45	CT	DAILY	3.980	TENNESSEE PHONE NET			NY4O	NY4O.HAM @ GMAIL.COM
CAN/5RN	TN	08:00	CT	DAILY	3.980	TENNESSEE PHONE NET			NY4O	NY4O.HAM @ GMAIL.COM
CAN/5RN	TN	18:30	CT	M-S	3.980	TENNESSEE PHONE NET				
CAN/5RN	TX	08:30	CT	M-S	7.285	TEXAS TRAFFIC NET			W5RWP	W5RWP @ OUTLOOK.COM
CAN/5RN	TX	10:00	CT	M-S	7.290	7290 TRAFFIC NET				
CAN/5RN	TX	13:00	CT	M-F	7.290	7290 TRAFFIC NET				
CAN/5RN	TX	18:30	CT	DAILY	3.873	TEXAS TRAFFIC NET			WE5TXS	WE5TXS @ SUDDENLINK.NET
CAN/5RN	TX	18:30	CT	DAILY	146.880/110.9	DALLAS/FT. WORTH TRAFFIC NET			KC5FAZ	KC5FAZ @ ARRL.NET
CAN/5RN	TX	19:00	CT	DAILY	3.541	TEXAS STATE CW NET		ALT. 3.593	W5DY	W5DY39 @ GMAIL.COM
CAN/5RN	TX	19:00	CT	SU	147.360/	TRAVIS CO. ARES			K5GM	K5GM @ AMSAT.ORG
CAN/5RN	TX	19:45	CT	T/R/F	3.570	TEXAS SLOW NET			KD5RQB	
CAN/5RN	TX	20:00	CT	DAILY	3.552	TEXAS SLOW NET				
CAN/5RN	TX	22:00	CT	DAILY	3.541	TEXAS STATE CW NET		ALT. 3.593	W5DY	W5DY39 @ GMAIL.COM
CAN/5RN	TX	22:30	CT	DAILY	146.720/110.9	DALLAS/FT. WORTH TRAFFIC NET			KC5FAZ	KC5FAZ @ ARRL.NET
CAN/5RN		10:25	CT	M/W/F	7.280	FIFTH REGION NET			WA4VGZ	WA4VGZ @ GMAIL.COM
CAN/5RN		19:30	CT	DAILY	3.567	FIFTH REGION NET		ALT. 3.595 & 7.108		
CAN/5RN		21:30	CT	DAILY	3.567	FIFTH REGION NET		ALT. 3.595 & 7.108		
CAN/9RN	IL	07:00	CT	M-F	3.912	NORTH CENTRAL PHONE NET			WB9EDL	JBBUILDER @ FRONTIER.COM
CAN/9RN	IL	08:00	CT	SU	3.940	ILLINOIS PHONE NET			AI9F	AI9F @ ARRL.NET
CAN/9RN	IL	16:45	CT	M-F	3.857	ILLINOIS PHONE NET			AI9F	AI9F @ ARRL.NET
CAN/9RN	IL	18:00	CT	DAILY	3.905	ILLINOIS SIDEBAND NET			WB9QPM	WB9QPM @ ARRL.NET
CAN/9RN	IL	18:30	CT	SU	146.790/127.3	MADISON COUNTY TRAFFIC NET	MADISON CO, IL		AA9FQ	BEVANS305 @ OUTLOOK.COM
CAN/9RN	IL	19:15	CT	DAILY	3.538	ILLINOIS NET		ALT. 7.048 & 1.838	WC9P	
CAN/9RN	IN	08:00	ET	DAILY	3.535	INDIANA CW TRAFFIC NET			K0TQ	K0TQ @ ARRL.NET

AREA/RGN	STATE	TIME	TZ	DAYS	FREQ	NET	COVERAGE	NOTES	MGR	MGR EMAIL
CAN/9RN	IN	08:30	ET	DAILY	3.910	INDIANA TRAFFIC NET			WA5LOU	WA5LOU @ ARRL.NET
CAN/9RN	IN	09:00	ET	DAILY	3.585	INDIANA RADIO TELETYPE NET		45 BAUD RTTY	W9BGJ	W9BGJ @ ARRL.NET
CAN/9RN	IN	18:00	ET	DAILY	3.940	INDIANA TRAFFIC NET			WA5LOU	WA5LOU @ ARRL.NET
CAN/9RN	IN	19:00	ET	DAILY	3.535	INDIANA SLOW CW NET			WA9VBG	WA9VBG @ AOL.COM
CAN/9RN	IN	20:00	ET	DAILY	3.535	INDIANA CW TRAFFIC NET			K0TQ	K0TQ @ ARRL.NET
CAN/9RN	IN	20:30	ET	DAILY	3.583	INDIANA ARES DIGITAL NET		OLIVIA 8/500, 1500 HZ WATERFALL	WB9FHP	WB9FHP @ GMAIL.COM
CAN/9RN	KY	09:00	ET	S	3.537	KENTUCKY CW TRAFFIC NET (KYN)			WB4ZDU	WB4ZDU @ AOL.COM
CAN/9RN	KY	19:00	ET	M	146.865/192.8	MADISON COUNTY ARES				
CAN/9RN	KY	19:30	ET	M	3.9725	KENTUCKY EMERGENCY NET			KC4BQK	KC4BQK @ ARRL.NET
CAN/9RN	KY	19:30	ET	T	146.880/100.0	JEFFERSON COUNTY ARES			K4TXJ	K4TXJ @ ARRL.NET
CAN/9RN	KY	20:00	ET	M	147.390/151.4	TRIMBLE CO./OLDHAM CO.				
CAN/9RN	KY	20:00	ET	R	145.330/	WOODFORD COUNTY ARES				
CAN/9RN	KY	20:00	ET	R	147.375/123.0	KENTUCKY DISTRICT 7 ARES	WALTON, KY		AG4BC	AG4BC @ OUTLOOK.COM
CAN/9RN	KY	20:30	ET	M	146.610/	PO BOY NET	CORBIN, KY			
CAN/9RN	KY	20:30	ET	R	146.835/107.2	ANDERSON COUNTY ARES			KI4TLY	EGHOLLAND @ ADELPHIA.NET
CAN/9RN	KY	20:30	ET	SU	147.105/103.5	HARLAN COUNTY ARES & SKYWARN				
CAN/9RN	KY	20:30	ET	T	146.880/77.0	SOMERSET ARES				
CAN/9RN	KY	20:30	ET	W	146.715/100.0	WILDERNESS TRAIL EMERGENCY NET				
CAN/9RN	KY	20:45	ET	R	145.430/203.5	PARC (CLARK COUNTY)				
CAN/9RN	KY	20:45	ET	SU	146.670/103.5	PERRY COUNTY ARES & SKYWARN			KA4AOU	
CAN/9RN	KY	21:00	ET	DAILY	3.537	KENTUCKY CW TRAFFIC NET (KYN)			WB4ZDU	WB4ZDU @ AOL.COM
CAN/9RN	KY	21:00	ET	M	145.350/186.2	LETCHER COUNTY ARES & SKYWARN			N4QBE	
CAN/9RN	KY	21:00	ET	R	444.050/100.0	KENTUCKY WIDE AREA NET (I-75 CORRIDOR)				
CAN/9RN	KY	21:00	ET	R	E. KY PIKE	PIKE COUNTY ARES			WB4WAU	A_EPLING @ YAHOO.COM
CAN/9RN	KY	21:00	ET	T	146.925/79.7	REGION 11 SKYWARN				
CAN/9RN	KY	21:00	ET	T	E. KY FLOYD	EAST KENTUCKY ARES			WB4CLW	
CAN/9RN	KY	21:00	ET	W	147.000/173.8	STUBBLEFIELD REPEATER CLUB NET				
CAN/9RN	KY	21:00	ET	W	147.120/141.3	FAYETTE COUNTY ARES				
CAN/9RN	KY	21:30	ET	M	3.585	KENTUCKY DIGITAL EMERGENCY NET		PSK31	KC4BQK	KC4BQK @ ARRL.NET
CAN/9RN	KY	23:00	ET	DAILY	3.816	KY				
CAN/9RN	KY		ET		147.105/107.2	FRANKFORT EMERGENCY NET		ALT. 147.240/100.0		
CAN/9RN	WI	06:00	CT	DAILY	3.984	BADGER WEATHER NET			W9IXG	W9IXG @ ARRL.NET
CAN/9RN	WI	08:00	CT	SU	3.967	WISCONSIN ARES/RACES NET			WB9WKO	WB9WKO @ ARRL.NET
CAN/9RN	WI	12:00	CT	DAILY	3.985	BADGER EMERGENCY NET		ALT. 7.268	NX9K	N9VC @ YAHOO.COM
CAN/9RN	WI	17:00	CT	DAILY	3.985	WISCONSIN SIDEBAND NET		ALT. 3.982.5	KN9P	MORTLIEB47 @ FRONTIER.COM
CAN/9RN	WI	18:00	CT	DAILY	3.555	WISCONSIN NOVICE NET			KB9ROB	DEAN @ HERRIGES.COM
CAN/9RN	WI	18:30	CT	T/R/F/SU	3.555	WISCONSIN SLOW SPEED NET			KB9ROB	DEAN @ HERRIGES.COM
CAN/9RN	WI	19:00	CT	DAILY	3.555	WISCONSIN INTRASTATE NET			WB9ICH	WB9ICH @ CHARTER.NET
CAN/9RN	WI	22:00	CT	DAILY	3.555	WISCONSIN INTRASTATE NET			W9RTP	STANEKGB @ HUGHES.NET
CAN/9RN		11:00	CT	M/W/F	7.280	NINTH REGION NET			N9TU	JERRY @ N9TU.COM
CAN/9RN		19:45	CT	DAILY	3.555	NINTH REGION NET			N9CK	N9CK @ FRONTIER.COM
CAN/9RN		21:30	CT	DAILY	3.555	NINTH REGION NET			N9CK	N9CK @ FRONTIER.COM
CAN/TEN	IA	12:30	CT	M-S	3.970	IOWA 75 METER NET			K0DPL	K0DPL @ ARRL.NET
CAN/TEN	IA	18:00	CT	M-S	3.970	IOWA 75 METER NET			K0FLY	K0FLY @ ARRL.NET
CAN/TEN	IA	18:00	CT	SU	3.970	IOWA TRAFFIC AND EMERGENCY NET			WA0UIG	WA0UIG @ GMAIL.COM
CAN/TEN	IA	18:30	CT	DAILY	3.560	IOWA TALL CORN NET			WB0B	
CAN/TEN	IA	19:00	CT	T	3.5585	IOWA ARES DIGITAL NET		OLIVIA 8/500, 1500 HZ WATERFALL	AE5EI	AE5EI @ OUTLOOK.COM
CAN/TEN	IA	22:00	CT	DAILY	3.560	IOWA TALL CORN NET			WB0B	
CAN/TEN	KS	06:45	CT	M/W/F	3.920	KANSAS PHONE NET			K0RCJ	K0RCJ @ MAIL.COM
CAN/TEN	KS	08:00	CT	S/SU	3.920	KANSAS PHONE NET			K0RCJ	K0RCJ @ MAIL.COM
CAN/TEN	KS	18:30	CT	DAILY	3.920	KANSAS SIDEBAND NET			K0RCJ	K0RCJ @ MAIL.COM
CAN/TEN	KS	19:00	CT	DAILY	3.547	KANSAS CW NET			NB0Z	
CAN/TEN	KS	22:00	CT	DAILY	3.547	KANSAS CW NET			NB0Z	
CAN/TEN	MB	08:30	CT	DAILY	3.743	MANITOBA WEATHER NET				
CAN/TEN	MB	19:00	CT	DAILY	3.747	MANITOBA WEATHER NET				
CAN/TEN	MN	09:00	CT	M-S	3.925	PICO NET				
CAN/TEN	MN	12:00	CT	DAILY	3.860	MINNESOTA NOON PHONE NET			N0YR	N0YR @ ARRL.NET
CAN/TEN	MN	16:00	CT	M-F	3.925	PICO NET (WINTERS ONLY)				
CAN/TEN	MN	17:30	CT	DAILY	3.860	MINNESOTA SECTION PHONE NET			WO0A	
CAN/TEN	MN	18:45	CT	DAILY	3.568	MINNESOTA SECTION CW NET			K0WPK	K0WPK @ ARRL.NET
CAN/TEN	MO	17:45	CT	DAILY	3.963	MISSOURI TRAFFIC NET			KF4MXF	BCC102 @ YAHOO.COM
CAN/TEN	MO	18:30	CT	DAILY	3.585	MISSOURI SECTION NET			K9ZTV	K9ZTV @ SOCKET.NET
CAN/TEN	MO	21:45	CT	DAILY	3.585	MISSOURI SECTION NET			K9ZTV	K9ZTV @ SOCKET.NET
CAN/TEN	ND	08:30	CT	M-S	3.935	NORTH DAKOTA ROAD & WEATHER NET			ND0CW	ND0CW @ SRT.COM

AREA/RGN	STATE	TIME	TZ	DAYS	FREQ	NET	COVERAGE	NOTES	MGR	MGR EMAIL
CAN/TEN	ND	18:30	CT	DAILY	3.937	DAKOTA AMATEUR TRAFFIC ASSOCIATION		17:00 IN WINTER	ND0CW	ND0CW @ SRT.COM
CAN/TEN	NE	07:00	CT	M-S	3.950	WEST NEBRASKA NET			K0RRL	K0RRL @ YAHOO.COM
CAN/TEN	NE	07:30	CT	DAILY	3.982	NEBRASKA MORNING PHONE NET			KA0DOC	KA0DOC @ GMAIL.COM
CAN/TEN	NE	12:30	CT	DAILY	3.982	NEBRASKA CORNHUSKER NET			K0CWW	JB54733 @ ALLTEL.NET
CAN/TEN	NE	13:00	CT	DAILY	7.282	NEBRASKA 40 METER NET			KL7MH	
CAN/TEN	NE	18:30	CT	DAILY	3.982	NEBRASKA STORM NET			AG0L	RVRDALE @ YAHOO.COM
CAN/TEN	NE	19:00	CT	M-F	3.540	NEBRASKA CW TRAFFIC NET			AA0W	CLARK78 @ NNTC.NET
CAN/TEN	SD	12:15	CT	M-S	3.870	SOUTH DAKOTA NQJ NOON NET			W0CLS	W0CLS @ MITCHELLTELECOM.NET
CAN/TEN	SD	18:00	CT	DAILY	3.860	SOUTH DAKOTA NEO EVENING NET			WA0ZWZ	MOOREG954 @ GMAIL.COM
CAN/TEN	SK	09:00	CT	DAILY	3.753	SASKATCHEWAN WEATHER NET				
CAN/TEN	SK	19:00	CT	DAILY	3.735	SASKATCHEWAN WEATHER NET				
CAN/TEN		10:00	CT	M/W/F	7.280	TENTH REGION NET			KC0YNS	KC0YNS @ YAHOO.COM
CAN/TEN		19:45	CT	DAILY	3.562	TENTH REGION NET				
CAN/TEN		21:30	CT	DAILY	3.562	TENTH REGION NET				
CAN		12:30	CT	M-S	7.2535	CENTRAL STATES TRAFFIC NET				
CAN		14:30	CT	M/W/F	14.345	CENTRAL AREA NET		ALT. 14.340, 14.325 & 7.243	N9TU	JERRY @ N9TU.COM
CAN		20:30	CT	DAILY	3.552	CENTRAL AREA NET		ALT. 7.052, 3.595 & 7.108		
WAN/6RN	CA	02:00	Z	DAILY	3.975	GOLDEN BEAR TRAFFIC NET		WINTER AT 03:00 Z		
WAN/6RN	CA	19:00	PT	DAILY	3.533	NORTHERN CALIFORNIA NET			WB6UZX	
WAN/6RN	CA	19:00	PT	M-F	3.542	SOUTHERN CALIFORNIA NET			KI6BHB	DHB @ DB-BIS.NET
WAN/6RN	CA	20:00	PT	T/R/S	146.730/107.2	SAN DIEGO COUNTY TRAFFIC NET	SAN DIEGO, CA		KD6YJB	KD6YJB @ ARRL.NET
WAN/6RN	CA	20:30	PT	T/R	VAR. UHF	LOS ANGELES NET	LA SECTION	EMAIL NET MGR FOR FREQS	K6HTN	KATEHUTTON @ GMAIL.COM
WAN/6RN	CA	21:00	PT	DAILY	3.533	NORTHERN CALIFORNIA NET			WB6UZX	
WAN/6RN	CA	21:00	PT	M/W/F	146.385/146.2	SOUTHERN CALIFORNIA NET			KI6BHB	DHB @ DB-BIS.NET
WAN/6RN		15:30	PT	T/R	7.275	SIXTH REGION NET				
WAN/6RN		19:45	PT	DAILY	3.5775	SIXTH REGION NET			K6HTN	KATEHUTTON @ GMAIL.COM
WAN/6RN		21:30	PT	DAILY	3.5775	SIXTH REGION NET			K6HTN	KATEHUTTON @ GMAIL.COM
WAN/7RN	AK	03:00	Z	DAILY	3.920	SNIPERS NET				
WAN/7RN	AK	04:00	Z	R	146.880/103.5	THE INTERIOR NET	FAIRBANKS, AK	ALT. 146.940/103.5		
WAN/7RN	AK	05:00	Z	DAILY	7.093	ALASKA BUSH NET				
WAN/7RN	AK	17:30	Z	M-F	14.292	ALASKA-PACIFIC EMERGENCY PREPAREDNESS NET		16:30 IN SUMMER	KL7IQQ	ALASKANUDSON @ GMAIL.COM
WAN/7RN	AK	18:00	Z	DAILY	14.115	ALASKA-PACNW CW TRAFFIC WATCH			AL7N	AL7N @ WINLINK.ORG
WAN/7RN	BC	02:00	Z	DAILY	3.652	BRITISH COLUMBIA EMERGENCY NET			VE7XLH	VE7CYY @ TELUS.NET
WAN/7RN	BC	02:30	Z	DAILY	3.716	BRITISH COLUMBIA YUKON SECTION TRAFFIC NET			VE7WJ	VE7CYY @ TELUS.NET
WAN/7RN	BC	19:30	PT	T	147.360/110.9	SURREY EMERGENCY PROGRAM AMATEUR RADIO	SURREY, BC			
WAN/7RN	ID/MT	02:00	Z	DAILY	3.937	IDAHO FARM NET			N7KFL	
WAN/7RN	ID/MT	02:45	Z	DAILY	3.572	IDAHO-MONTANA NET (SLOW)			WB6N	8008RET @ GMAIL.COM
WAN/7RN	ID/MT	03:00	Z	DAILY	3.572	IDAHO MONTANA NET			AI7H	AI7H @ ARRL.NET
WAN/7RN	MT	00:30	Z	DAILY	3.910	MONTANA TRAFFIC NET			N7CMJ	FLYFISH @ MOTANASKY.US
WAN/7RN	OR	10:15	PT	DAILY	3.920	DAYTIME OREGON SECTION NET			WB7WHG	WB7WHG @ ARRL.NET
WAN/7RN	OR	17:30	PT	DAILY	3.920	BEAVER STATE NET			KK7TN	KK7TN @ WINLINK.ORG
WAN/7RN	OR	18:00	PT	DAILY	3.980	OREGON EMERGENCY NET				
WAN/7RN	OR	18:05	PT	DAILY	145.430/	NORTHWEST OREGON TRAFFIC AND TRAINING NET			KU0L	KU0L.KF @ GMAIL.COM
WAN/7RN	OR	18:30	PT	DAILY	3.569	OREGON SECTION NET			WS7L	CLAWSONCW @ GMAIL.COM
WAN/7RN	OR	19:00	PT	DAILY	3.980	OREGON EMERGENCY NET				
WAN/7RN	OR	22:00	PT	DAILY	3.569	OREGON SECTION NET			WS7L	CLAWSONCW @ GMAIL.COM
WAN/7RN	WA	07:30	PT	DAILY	3.563	WASHINGTON STATE NET		ALT. 7.038 & 1.818	N7YRT	GUY016 @ CENTURYTEL.NET
WAN/7RN	WA	17:30	PT	DAILY	146.820/103.4	PUGET SOUND TRAFFIC SYSTEM NET				
WAN/7RN	WA	18:00	PT	DAILY	3.975	WASHINGTON STATE ARTS				
WAN/7RN	WA	18:45	PT	DAILY	3.563	WASHINGTON STATE NET		ALT. 7.038 & 1.818	N7YRT	GUY016 @ CENTURYTEL.NET
WAN/7RN	WA	19:00	PT	DAILY	3.960	COLUMBIA BASIN NET				
WAN/7RN	WA	21:45	PT	DAILY	3.563	WASHINGTON STATE NET		ALT. 7.038 & 1.818		
WAN/7RN	WA/OR	18:30	PT	DAILY	3.945	NW SINGLE SIDEBAND NET				
WAN/7RN		09:45	PT	DAILY	7.225	SEVENTH REGION NET		ALT. 3.925	W7LQV	DIANEW7LQV @ JUNO.COM
WAN/7RN		15:15	PT	DAILY	7.225	SEVENTH REGION NET		ALT. 3.925	W7LQV	DIANEW7LQV @ JUNO.COM
WAN/7RN		18:30	PT	DAILY	3.569	SEVENTH REGION NET		ALT. 7.042/1.860	W7IZ	W7IZ.SCOTT @ GMAIL.COM
WAN/7RN		21:20	PT	DAILY	3.565	SEVENTH REGION NET		ALT. 7.048		
WAN/7RN		22:00	PT	DAILY	3.569	SEVENTH REGION NET		ALT. 7.042/1.860	W7IZ	W7IZ.SCOTT @ GMAIL.COM
WAN/TWN	AZ	19:00	MT	DAILY	3.986	ARIZONA TRAFFIC & EMERGENCY NET		WINTER AT 17:30 MST	KF7GC	KF7GC @ YAHOO.COM
WAN/TWN	AZ/NM	01:30	Z	DAILY	147.160/141.3	SAGUARO NTS NET			AA7BM	AA7BM @ VTC.NET
WAN/TWN	AZ/NM	18:30	MT	DAILY	VAR. VHF/UHF	SAGUARO NTS NET			AA7BM	AA7BM @ VTC.NET
WAN/TWN	CO	08:00	MT	SU	3.810	COLORADO ARES HF NET				
WAN/TWN	CO	19:00	MT	DAILY	VAR. VHF/UHF	COLORADO TRAFFIC NET		ALT. 147.540/156.7, 441.225/156.7, 3.989, 7.230	WA3QLW	WA3QLW @ GMAIL.COM
WAN/TWN	CO	19:30	MT	DAILY	3.989	COLORADO COLUMBINE NET				

AREA/RGN	STATE	TIME	TZ	DAYS	FREQ	NET	COVERAGE	NOTES	MGR	MGR EMAIL
WAN/TWN	NM	01:00	Z	DAILY	3.939	NEW MEXICO ROADRUNNER NET				
WAN/TWN	NM	06:30	MT	DAILY	3.939	NEW MEXICO BREAKFAST CLUB NET				
WAN/TWN	UT	12:30	MT	DAILY	7.272	BEEHIVE UTAH NET				
WAN/TWN	UT	19:30	MT	DAILY	3.570	UTAH CODE NET (SLOW)				
WAN/TWN	WY	00:45	Z	DAILY	3.9235	WYOMING COWBOY NET				
WAN/TWN		07:00	MT	DAILY	3.9235	TWELFTH REGION NET			WB7S	WB7S @ ARRL.NET
WAN/TWN		12:00	MT	DAILY	7.240	HIGH NOON NET			N5FLD	N5FLD @ AOL.COM
WAN/TWN		16:00	MT	M-S	7.233	TWELFTH REGION NET				
WAN/TWN		16:00	MT	SU	7.228	TWELFTH REGION NET				
WAN/TWN		20:30	MT	DAILY	7.0625	TWELFTH REGION NET				
WAN/TWN		20:30	MT	DAILY	3.570	TWELFTH REGION NET		ALT. 7.063	NA7G	NA7G @ ARRL.NET
WAN/TWN		22:00	MT	DAILY	3.570	TWELFTH REGION NET		ALT. 7.063	NA7G	NA7G @ ARRL.NET
WAN		10:30	PT	DAILY	14.345	WESTERN AREA NET				
WAN		11:30	PT	DAILY	3.970	NOONTIME NET		ALT. 7.265	W7TVA	
WAN		10:00	PT	DAILY	7.2835	NOONTIME NET		ALT. 7.265	KV7L	KV7L @ LIVE.COM
WAN		14:30	PT	M/W/F	14.345	WESTERN AREA NET			K0MEL	NTS.K0MEL.CO @ GMAIL.COM
WAN		19:00	PT	DAILY	3.540	WEST COAST NET (SLOW)				
WAN		20:30	PT	DAILY	3.552	WESTERN AREA NET		ALT. 7.052	K6YR	K6YR @ AOL.COM
		01:00	Z	DAILY	3.985	75M INTERSTATE		COVERS EAN & CAN		
		03:00	Z	DAILY	3.8575	MISSION TRAIL NET				
		07:00	ET	DAILY	14.300	INTERCONTINENTAL TRAFFIC NET			K4ZQ	
		07:00	ET	DAILY	7.057	WATERWAY CW NET			W9UCR	RWLADE @ GMAIL.COM
		07:30	ET	DAILY	7.052	AMATEUR RADIO TELEGRAPH SOCIETY				
		07:45	ET	DAILY	7.268	WATERWAY NET				
		12:00	ET	DAILY	14.300	MARITIME MOBILE NET			K4EDX	
		21:00	ET	T/R	3.682	FISTS SLOW				
IATN		NIGHTS		DAILY	3.563	NAA				
IATN		NIGHTS		DAILY	3.845	NAB				
IATN		NIGHTS		DAILY	7.115	NBA				
IATN		NIGHTS		DAILY	7.232	NBB				
IATN		ALL DAY		DAILY	10.115	NCA				
IATN		DAYS		DAILY	14.115	NDA				
IATN		DAYS		DAILY	14.345	NDB				
IATN		DAYS		DAILY	18.115	NEA				
IATN		DAYS		DAILY	21.115	NFA				
IATN		DAYS		DAILY	21.345	NFB				
IATN		DAYS		DAILY	28.115	NGA				
1RN -	CT, MA, ME, NH, RI, VT									
2RN -	NJ, NY									
3RN -	DE, MD, PA									
4RN -	FL, GA, NC, PR, SC, VA, VI									
5RN -	AL, AR, LA, MS, OK, TN, TX									
6RN -	CA, HI, NV									
7RN -	AB, AK, BC, ID, MT, OR, WA									
8RN -	MI, OH, WV									
9RN -	IL, IN, KY, WI									
TEN -	IA, KS, MB, MN, MO, ND, NE, SD, SK									
ECN -	LB, NB, NF, NS, ON, PE, PQ									
TWN -	AZ, CO, NM, UT, WY									

ALL ADDITIONS, DELETIONS OR CHANGES SHOULD BE SENT TO CHARLES.HARGROVE @ RADIO-RELAY.ORG

WEST COAST SLOW SPEED NET --- ROSTER
Manager: Wayne, K7EX

Preamble: WCN WCN DE _____ WEST COAST SLOW SPEED NET MEETS DAILY AT SEVEN PM AROUND 3540 KHZ x WCN IS A TRAINING NET x ALL ARE WELCOME TO CHECK IN x QNZ QND AR QNC? K RN7 ? K QTC ? K WCN DE _____ QNA

Visitor Call: WCN NOW CALLING FOR VISITORS AND LATE OR MISSED CHECKINS X PLEASE COME NOW K

Note: Even days roll is called from the top, odd days from the bottom. The manager is always called first..

Bad Conditions: Ask a distant station to call the net like this: "**WCN DE** _____ **QNP NCS QNI QTC K.**" After getting the list of stations checking in, the distant station can relay the list to NCS.

Call	Handle	City, State	Lic	Call	Handle	City, State	Lic
K7EX	Wayne	Hillsboro WA	E	KE7LKW	Stewart	White Salmon WA	E
KA7CTT	Lynn	Vancouver WA	A	KK4M	Marty	Las Vegas NV	E
N0DA	Dan	Corvallis OR	E	AB7MP	Mark	Spokane WA	E
K7EID	Les	Clinton WA	E	WV7S	Den	Olympia WA	E
KD7FAU	Jon	Pilot Rock OR	G	WA4SES	Jenny	Las Vegas NV	G
VE7FLY	Arn	Vancouver Island BC	E	K7WCN	Dave	Walla Walla WA	G
K7JUV	Craig	Hood River OR	E	WA8ZNC	Tom	Battleground WA	E
N7KC	Lee	Port Angeles WA	E				

NCS Schedule: Sun-KC; Mon-EX; Tue-ZNP; Wed-CTT; Thu-WCN; Fri-EID; Sat-MP.
RN7 Liasons: Wayne, K7EX; Mark, AB7MP

WCN IS A TRAINING NET -- PARTICIPANTS PRACTICE STANDARD PROCEDURES -- AND SEND AT 10 WPM OR LESS

Last updated Oct 06, 2020 08:05:36

Western Area Traffic Nets

(sorted by Winter Time - evening Nets may be 1-2 hours earlier, depending on propagation)

Name	Mode	Frequency (kHz)	(UTC) Summer Time	(UTC) Winter Time	Manager
Alaska CW Net (ACWN)	CW	3540 and 7042 and 14050	0330-0759	0430-0859	AL7N
Alberta Traffic Net (ATN) [off during summer]	CW	3685	2400	30	VE6CPP
British Columbia Emergency Net (BCEN)	CW	3652	200	30	VE7XLH
Idaho Montana Net (IMN)	CW	3572 or 7043	300	245	WB6N
Mountain States Net (MSN)	CW	3570	200	300	W0HXB
National Radio Emergency Network (NREN)	CW	7050 and 10122 and 14050	All Hours	All Hours	AA8VS
Northern California Net (NCN)	CW	3533	200	300	WB6UZX
Oregon Section Net (OSN)	CW	3569	130	230	WS7L
Oregon Section Net (OSN)	CW	3569	500	600	W7IZ
Seventh Region Net (RN7)	CW	3560 or 7042 or 1818	230	330	W7IZ
Seventh Region Net (RN7)	CW	3560 or 7042 or 1818	430	530	W7IZ
Sixth Region Net (RN6)	CW	3575	245	345	K9JM
Sixth Region Net (RN6)	CW	3676	430	530	K9JM
Southern California Net (SCN)	CW	3542	200	300	KI6BHB
Twelfth Region Net (TWN)	CW	3570 or 7063 or 1970	230	330	NA7G
Twelfth Region Net (TWN)	CW	3570 or 7063 or 1970	400	500	NA7G
Utah Code Net	CW	3570	130	230	NA7G
Washington State Net (WSN)	CW	3563 or 7038 or 1818	1430	1530	N7YRT
Washington State Net (WSN)	CW	3563 or 7038 or 1818	145	245	N7YRT
Western Area Net (WAN)	CW	3552 or 7052; Alternates: 7108, 7118 ,3597, 1827	330	430	K6YR
Wyoming Regional Net (WYR)	CW	3560	200	0300 Sat	
Northern California Net (NCN)	CW (Slow)	3533	400	500	WB6UZX
West Coast Slow Speed Net (WCN)	CW (Slow)	3540	200	300	K7WCN
British Columbia Boater's Net	FM	147.32+ MHz	2400	summer only	VE7PLN
Los Angeles Net (LAN)	FM	contact KO6B	330	430	KO6B
Northwest Oregon Traffic & Training Net (NW OR, SW WA)	FM	147.32+ MHz	105	205	N7YSS
Northwest Traffic Net (Spokane, Coeur d'Alene)	FM	147.08+ MHz	130	230	KE7IAT
Puget Sound Traffic System (Seattle area)	FM	146.82- MHz	30	130	KA7TTY
Sacramento Valley Traffic Net	FM	146.85	400	500	
Southern California Net (Santa Barbara Section)	FM	147.00+ (PL 131.8)	400	500	

Name	Mode	Frequency (kHz)	(UTC) Summer Time	(UTC) Winter Time	Manager
National EMCOMM Traffic Service (NETS) -- (WRRL)	several	Various -- see list	All Hours	All Hours	K6SOJ
British Columbia Public Service Net (BCPSN)	SSB	3729	130	130	
Columbia Basin Net (CBN)	SSB	3960	100	200	W7LEA
British Columbia - Yukon Traffic Net (BCYTN)	SSB	3716	230	330	VE7CYY
Alaska Bush Net	SSB	7093	400	500	AL7LX
Alaska Motley Group	SSB	3933	500	600	KL7GID
Alaska Sniper's Net	SSB	3920	200	300	KL7GG
Alaska-Pacific Emergency PreparednessNet	SSB	14292	1630 Mon-Fri	1730 Mon-Fri	AL7LX
Alberta Public Service Net	SSB	3740	30	130	VE6AKY
Arizona Traffic and Emergency Net (ATEN)	SSB	3986	200	30	KF7GC
Beaver State Net	SSB	3920	30	130	KK7TN
Beehive Utah Net	SSB	7272	1830	1930	NA7G
British Columbia Boater's Net	SSB	3855	100	summer only	VE7PLN
FARM Net	SSB	3937	200	200	KE7KQE
Idaho CD Net	SSB	3990	1400 (M-F)	1500 (M-F)	WA7RQI
Jefferson Noon Net	SSB	7244 (7232 alt) or3987	1900	2000	K6SOJ
Montana Traffic Net	SSB	3910	30	30	N7CMJ
New Mexico Roadrunner Traffic Net	SSB	3939	100	100	W5OXK
Noontime Net	SSB	3970 and 7283.5	1900	2000	W7TVA/KV7L
Northwest Boaters Net	SSB	3865	1530	1630	WO7O
Northwest SSB Net	SSB	3945	130	230	W7GPL
Pacific Area Net (Cycle 2)	SSB	14345 (Monday, Wednesday, Friday)	2230	2330	K0MEL
Seventh Region Net (DRN7)	SSB	7235 or3925	1645	1745	W7LQV
Seventh Region Net (DRN7)	SSB	7238 or3925	2215	2315	W7LQV
Sixth Region Net (DRN6)	SSB	7275 or3916	2230	2330	KE6DKU
Twelfth Region Net (DTWN)	SSB	3923.5	1300	1400	WB7S
Twelfth Region Net (DTWN)	SSB	7233 (7228 Sunday)	2215	2315	WB7S
Washington Amateur Radio Traffic System (WARTS)	SSB	3975	100	200	W7RNB
Wyoming Cowboy Net	SSB	3923	2345	45	WB7K
Wyoming Jackalope Net	SSB	7260	1815	1915	W7ILL

revised by K7BFL
Revised January 19, 2020

International Third-Party Traffic -- Proceed With Caution

Occasionally, DX stations may ask you to pass a third-party message to a friend or relative in the States. This is all right as long as the US has signed an official third-party traffic agreement with that particular country, or the third party is a licensed amateur. The traffic must be noncommercial and of a personal, unimportant nature. During an emergency, the US State Department will often work out a special temporary agreement with the country involved. But in normal times, never handle traffic without first making sure it is legally permitted.

US Amateurs May Handle Third-Party Traffic With:

V2	Antigua/Barbuda
LO-LW	Argentina
VK	Australia
V3	Belize
CP	Bolivia
E7	Bosnia-Herzegovina
PP-PY	Brazil
VE, VO, VY	Canada
CA-CE	Chile
HJ-HK	Colombia
D6	Comoros (Federal Islamic Republic of)
TI, TE	Costa Rica
CM, CO	Cuba
HI	Dominican Republic
J7	Dominica
HC-HD	Ecuador
YS	El Salvador
C5	Gambia, The
9G	Ghana
J3	Grenada
TG	Guatemala
8R	Guyana
HH	Haiti
HQ-HR	Honduras
4X, 4Z	Israel
6Y	Jamaica
JY	Jordan
EL	Liberia
V7	Marshall Islands

XA-XI	Mexico
V6	Micronesia, Federated States of
YN	Nicaragua
HO-HP	Panama
ZP	Paraguay
OA-OC	Peru
DU-DZ	Philippines
VR6	Pitcairn Island*
V4	St. Kitts/Nevis
J6	St. Lucia
J8	St. Vincent and the Grenadines
9L	Sierra Leone
ZR-ZU	South Africa
3DA	Swaziland
9Y-9Z	Trinidad/Tobago
TA-TC	Turkey
GB	United Kingdom
CV-CX	Uruguay
YV-YY	Venezuela
4U1ITU	ITU - Geneva
4U1VIC	VIC - Vienna

Notes:
* Since 1970, there has been an informal agreement between the United Kingdom and the US, permitting Pitcairn and US amateurs to exchange messages concerning medical emergencies, urgent need for equipment or supplies, and private or personal matters of island residents.
US licensed amateurs may operate in the US territories under their FCC license.

Please note that the Region 2 Division of the International Amateur Radio Union (IARU) has recommended that international traffic on the 20 and 15-meter bands be conducted on the following frequencies:
14.100-14.150 MHz
14.250-14.350 MHz
21.150-21.200 MHz
21.300-21.450 MHz

The IARU is the alliance of Amateur Radio societies from around the world; Region 2 comprises member-societies in North, South and Central America, and the Caribbean.
Note: At the end of an exchange of third-party traffic with a station located in a foreign country, an FCC-licensed amateur must transmit the call sign of the foreign station as well as his own call sign.

What is the National Traffic System (NTS)?

The NTS is a field organization of the American Radio Relay League (ARRL®), the National Association for Amateur Radio™. ARRL was formed in 1914 to pass written personal messages around the United States, although its mission has expanded greatly over the years.

Messages are sent in the standard ARRL Radiogram format, and relayed from Amateur Radio operator to another through a series of formal networks. The message is ultimately delivered to the addressee in about 24 to 36 hours by an NTS operator who lives fairly close to the recipient, either by telephone, mail, or hand delivery (uncommon).

The NTS operates every day and is used by thousands of people to send and receive short messages of a personal, non-commercial nature, such as birthday greetings, congratulations on a special event, or wishes for a speedy recovery. It's also used by the ARRL Field Organization to send reports and operational messages. Subject to international treaties governing "third party" messages, many foreign countries also allow their hams to exchange radiograms with US hams.

Messages can originate with either hams or non-hams. Non-hams who would like to send a radiogram should contact a ham friend or neighbor. There is no charge for a Radiogram. Radiograms are one way hams serve the public, and are welcomed as a way to train new traffic handlers and keep the experienced handlers in practice. Additional information on NTS   http://www.arrl.org/nts

During disasters or other emergencies, radiograms are used to send critical life safety and agency messages, and "health and welfare" information from disaster victims to friends and family. During these times, the NTS works in concert with the ARRL's Amateur Radio Emergency Service (ARES®) and other emergency and disaster relief organizations, such as the American Red Cross and The Salvation Army. Networks are often accelerated and expanded to accommodate the needs.

How are NTS Messages Handled?

Messages are usually relayed using a system of manual "nets," (short for "networks.") NTS nets are on-the-air meetings of message handlers at an appointed time and a designated frequency. There are four levels of nets, each covering broader territory -- local, section, regional, and area. Local nets are usually on VHF, all others are on HF frequencies. Local nets relay messages to and from the Section nets; Section nets to the Region nets; Region nets to the Area nets. These nets are held throughout the day in order to move messages around the country. (Only designated operators participate in the Region and Area nets. These nets are not open for general participation.) Manual NTS nets operate in a variety of modes such as CW, voice and teletype.

ARRL National Traffic System (Manual Nets)
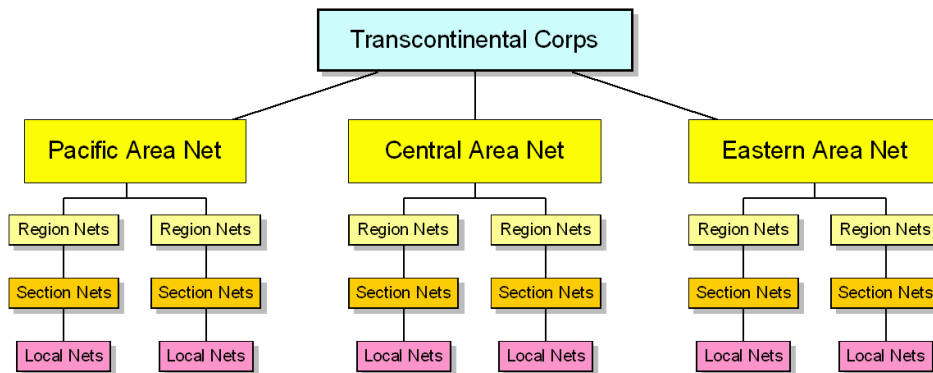
While there are only three Area Nets, there are many more Region, Section and Local nets than we could show here due to space limitations.

NTSD (Digital)

In addition to the traditional manual modes listed above, NTS operates a parallel high speed digital HF Pactor network. NTSD operators use 80, 40, 30, and 20 meter HF frequencies. Designated NTSD operators in each Region and Areas relay messages, either between Regions or to and from the Area stations. Designated Digital Relay Stations can also link NTSD directly to Section nets for speedy message transfer.

At the local level, packet networks may be used for collection and distribution, otherwise, traditional manual modes are used. NTS packet messages can be initiated and sent by any packet-capable operator. Messages for delivery are posted on an NTS Packet Bulletin Board System (PBBS). Messages come into the BBS from the NTSD HF network or from local packet networks in nearby sections or regions. In addition, any voice NTS messages that might not have been picked up on a voice net (see above) can be converted to digital and posted to an NTS PBBS. One of the big advantages of a PBBS is that it will hold messages for later pickup, perhaps by an NTS operator who wasn't able to join the regularly scheduled voice or CW net.
You can find more information about NTS Digital here: http://nts-digital.net

How to get started as an NTS Message Handler

Any Amateur Radio licensee can become an NTS operator, although Technician Class licensees will likely be limited to local VHF nets. As a first step, read about general NTS system operations, standard net procedures, and the ARRL Radiogram message form (shown below).

Here are direct links to just some of the information at www.arrl.org/public-service:
- ♣ Chapter 1: National Traffic System (NTS) from the ARRL Public Service Communication Manual Sect. 2
- ♣ FSD-218 How to fill out a Radiogram, message precedences, CW Q-signals, more
- ♣ FSD-220 Operating Aid – Prosigns and prowords, phonetic alphabet, more

Tune in to a local or Section level NTS net (check the ARRL net directory) and listen at least once to the entire net. This will give you a sense of how the NTS nets are conducted. A next step might be to practice copying the messages you hear being relayed onto blank Radiogram forms. (You would do this without checking in to the net.) The copying process will help you become familiar with the Radiogram form.
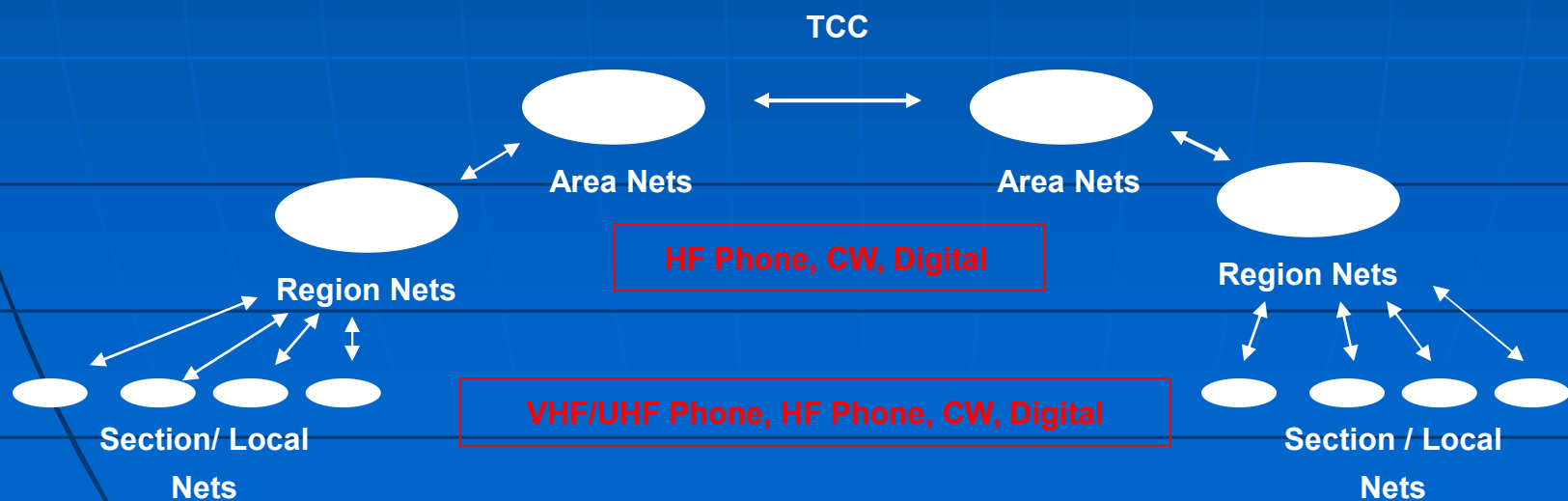
When you're ready, simply check in to any local net when the net control asks for check-ins. Be sure to mention that this is your first check-in to an NTS Net. You'll generally find other operators eager to help and very patient. Remember, your participation is always voluntary. Even if you check in, you don't need to handle any traffic if you don't feel ready.

NTS message handling skills are valuable in other Amateur Radio volunteer services, such as ARES and the Radio Amateur Civil Emergency Service (RACES), where messages are often originated and received.

NTS Hierarchy and Modes

- **US and Canada organized into Area, Region, and Local Nets**
  - 3 Areas
  - 12 Regions
- **Traffic Flow:**

TCC

Area Nets   Area Nets

Region Nets   Region Nets

HF Phone, CW, Digital

Section/ Local
Nets

VHF/UHF Phone, HF Phone, CW, Digital

Section / Local
Nets

NTS Areas

States/Provinces, Regions and Areas

State	Region	Area
CT, ME, MA, NH, RI, VE	1RN	EAN
NJ, NY	2RN	EAN
DE, DC, MD, PA	3RN	EAN
FL, GA, NC, PR, SC, VI, VA	4RN	EAN
MI, OH, WV	8RN	EAN
LB, NB, NF, NS, ON, PE, PQ	2RN	EAN