

A Tiny Introduction to ARRL's National Traffic System

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ARRL Official Relay Station

January, 2020

Outline

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NTS: The National Traffic System

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- The “RELAY” in *American Radio Relay League* (ARRL)

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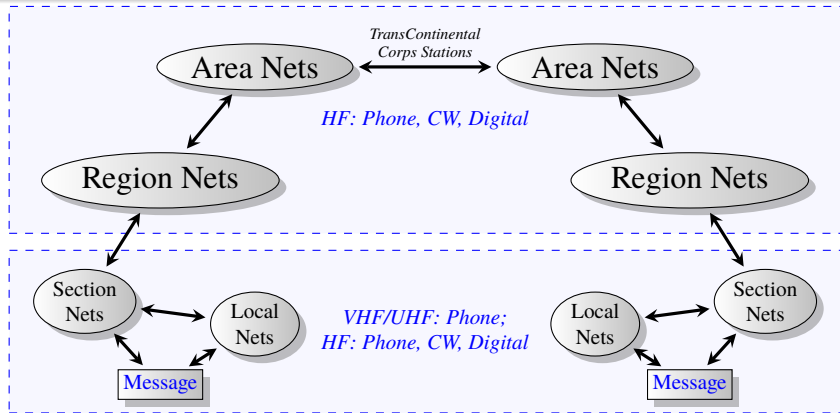
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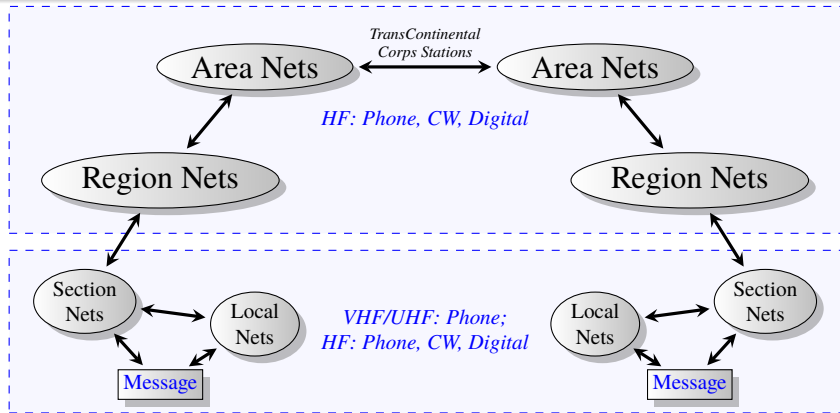
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- ARRL Field Organization Appointments
 - *Section Traffic Manager* NC: *Dave, W4DNA*
 - *Net Manager* NCMN: *Joe, W3OJO*
 NCEN: *Clyde, WC9CW*
 - *Official Relay Station* *Search ARRL Appointments*

Traffic Flow



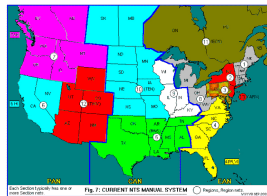
Traffic Flow



Three Areas: *Pacific, Central, East*

Twelve Regions: #1 → #12

Region 4: VA, NC, SC, GA, FL, PR, VI



Traffic Cycles

The Four Cycles

	<i>Section</i>	<i>Region</i>	<i>Area</i>	<i>Region</i>
CYCLE ONE	10:00	10:45	11:30	12:30
CYCLE TWO	13:00	13:45	14:30	15:30
CYCLE THREE	16:00	16:45	17:30	18:30
CYCLE FOUR	{ 19:00 22:00	19:45	20:30	21:30

Cycles are designed to move traffic efficiently and easily in both directions.

NC HF Phone Traffic Nets

- 07:45 – NC Morning Net 3927 kHz daily
- 13:45 – Fourth Region Net (4RN), Cycle 2 Early .. 7243 kHz daily
- 14:30 – Eastern Area Net (EAN), Cycle 2 7243 kHz M-F
- 15:30 – Fourth Region Net (4RN), Cycle 2 Late ... 7243 kHz daily
- 18:30 – NC Evening Net 3923 kHz daily

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NC VHF Traffic Nets

- 19:00 – NC Central & Western TN* ... W4GG, 145.250 (-), 88.5 Hz
- 20:30 – Eastern NC Traffic Net W4NBR, 146.685 (-), 88.5 Hz
- 21:00 – Piedmont Coastal TN WB4TQD 146.880 (-), *none*

*Started Dec 1, 2019, by combining CNCTN & PTTN.

Sample RadioGram



ARRL — the national association for Amateur Radio™



RADIOGRAM

NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
TO	THIS RADIO MESSAGE WAS RECEIVED AT						
	AMATEUR STATION _____			PHONE _____			
	NAME _____			E-MAIL _____			
PHONE NUMBER	STREET _____						
E-MAIL	CITY, STATE, ZIP _____						
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

FROM	DATE	TIME	TO	DATE	TIME
REC'D			SENT		

This message was handled at no charge by a licensed Amateur Radio operator, whose address is shown in the box at right above. 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 06111 or www.arrl.org.

The ARRL is the national association for Amateur Radio and the publisher of *QST* magazine. One of its functions is promotion of public service communication among Amateur Radio operators. To that end, the ARRL has organized the National Traffic System for daily nationwide message handling.

1320 2/11

Sample RadioGram



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RADIOGRAM



NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
4328	R		DL4FN	25	Erbach, DE		12-16

TO
Wm C Bauldry NC4WB
BOONE NC

PHONE NUMBER
828-264-5616
E-MAIL

THIS RADIO MESSAGE WAS RECEIVED AT

AMATEUR STATION _____ PHONE _____
NAME _____ E-MAIL _____
STREET _____
CITY, STATE, ZIP _____

HI WILLIAM X SEASONS GREETINGS
AND A HAPPY NEW YEAR
TO YOU AND YOURS X
HOPE FOR MANY MESSAGES FROM
YOU TO COME IN 2020
PETER DL4FN

FROM	DATE	TIME	TO	DATE	TIME
REC'D LANE WK4WC			SENT		

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RADIOGRAM

NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
049	R	G	NC4WB	7	BOONE NC		DEC 22

TO PETER J DINTELMANN DL4FN
C/O MARCIA FORDE KW1U
44 RAYMOND RD
CONCORD MA 01742

PHONE NUMBER

E-MAIL 508-627-5310

THIS RADIO MESSAGE WAS RECEIVED AT

AMATEUR STATION _____ PHONE _____

NAME _____ E-MAIL _____

STREET _____

CITY, STATE, ZIP _____

<u>FROHE</u>	<u>WEIHNACHTEN</u>	<u>UND</u>	<u>EIN</u>	<u>GUTES</u>
<u>NEUES</u>	<u>JAHR</u>	_____	_____	_____
<u>BILL</u>	<u>NC4WB</u>	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

FROM	DATE	TIME	TO	DATE	TIME
REC'D			SENT		

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A Real RadioGram

W4ZW?

A Real RadioGram



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RADIOGRAM



NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
13	R		WI2G	ARL 8	BRIGHTON, MI		1-4-20

TO GEORGE ROSVALLY W4ZW
BOONE, NC 28607
FIST 19735

PHONE NUMBER

E-MAIL

THIS RADIO MESSAGE WAS RECEIVED AT

AMATEUR STATION	NC4WB	PHONE	828-264-5616
NAME	BILL BAULDRY	E-MAIL	NC4WB@ARRL.NET
STREET	289 TIMBERLANE DR		
CITY, STATE, ZIP	BOONE, NC 28607		

ARL _____ SIXTY _____ NINE _____ FIST _____ CW _____

CLUB _____ VERY _____ 73 _____ _____

JOE N8TI _____ FIST 1016 _____ _____

OP NOTE: SERVICE IF NEEDED TO WI2G ELMA, NY _____

FROM	DATE	TIME	TO	DATE	TIME
REC'D W4EDN	1-5-20		SENT		

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Links For More Info...

- ARRL's NTS: webpage, Blank Radiogram Form (PDF), FSD-218 "Pink Card" Reference
- An "NTS Cheat Sheet"
- NC NTS Nets: HF Nets (phone & CW), VHF Nets (FM)
- Wikipedia:
https://en.wikipedia.org/wiki/National_Traffic_System
- Google search:
<https://www.google.com/search?q=National+Traffic+System>

Questions: NC4WB@ARRL.net

