

Good Evening!

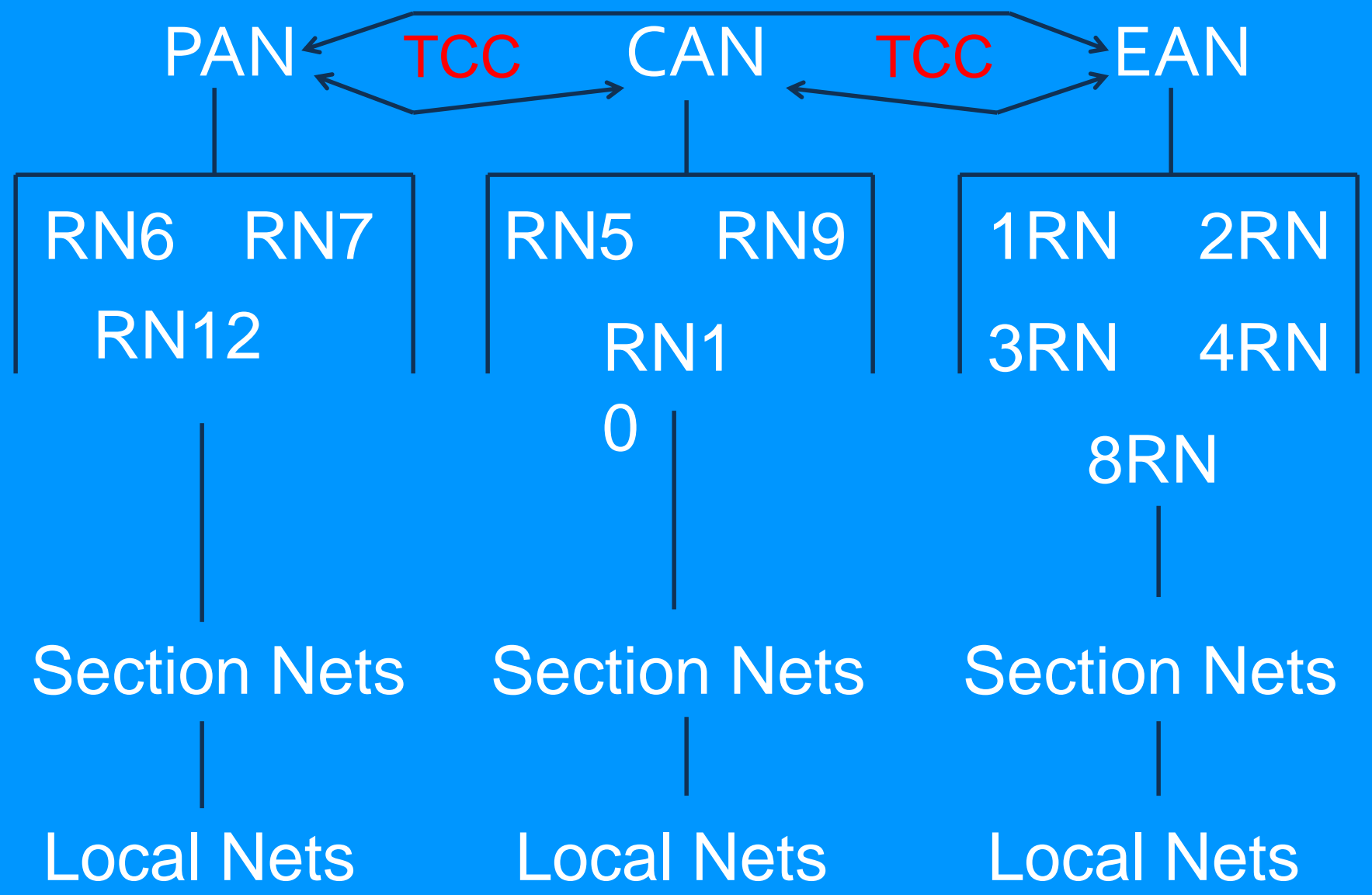
My name is Chet, AB4XK, and I would like to talk to you about the **NTS**, or National Traffic System.



What is the National Traffic System (NTS)?

- The "RELAY" in American Radio Relay League (ARRL)
- Over 100 years old, started in 1915 as the formal ARRL system to relay messages around the country
- Transmit & Receive Modes include Voice, CW and Digital
- NTS and Amateur Radio Emergency Services (ARES) work together
- Requirements to join: Any level Ham license and genuine interest
- ARRL Field Organization Appointments: Official Relay Station (ORS), Digital Relay Station (DRS), Section Traffic Manager (STM)
- The best place to earn an "A-1" OPERATOR certificate.

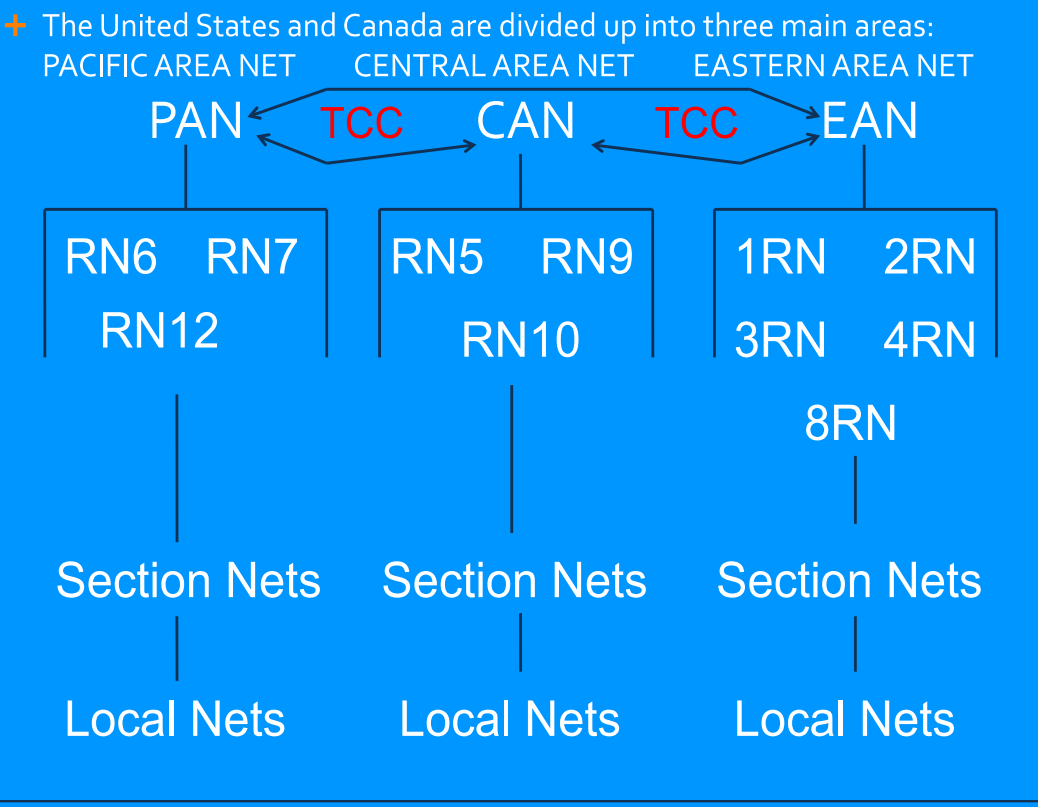
+ The United States and Canada are divided up into three main areas:
PACIFIC AREA NET CENTRAL AREA NET EASTERN AREA NET



PAN CAN EAN



PAN CAN EAN



+ NTS Net Schedule

+ Cycles Two and Four are, at this time, implemented in all three areas. In addition, Cycle One is implemented in the Pacific Area, and Cycle Three is implemented in the Eastern Area to facilitate intra-area and west-to-east traffic flow. Cycles One and Three were initially designed for high-volume situations to improve and enhance the response of NTS to emergency and overload situations. However, the entire four-cycle sequence can, if need be, activated in three-hour shifts when needed.

+ Cycle Four

7:00 PM Section	QFN – All Florida CW Traffic Net	3547KC
7:45 PM Region	4RN – Fourth Region CW Traffic Net	3567KC
8:30 PM Area	EAN – Eastern Area CW Traffic Net	3575KC
9:30 PM Region	4RN – Fourth Region CW traffic Net	3567KC
10:00 PM Section	QFN – All Florida CW Traffic Net	3547KC

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				
PHONE NUMBER			AMATEUR STATION _____ PHONE _____				
E-MAIL			NAME _____ E-MAIL _____				
			STREET _____				
			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.

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RADIOGRAM

NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
1	R		K4LKL	21	KATHLEEN FL		Jun 23

TO DARRELL DAVIS KT4WX
 6350 MILLS RD
 FT MEADE FL 33841
 PHONE NUMBER 863 245 9923
 E-MAIL

THIS RADIO MESSAGE WAS RECEIVED AT
 AMATEUR STATION _____ PHONE _____
 NAME _____ E-MAIL _____
 STREET _____
 CITY, STATE, ZIP _____

LAKELAND ARC HOLDING FIELD DAY
AT KATHLEEN HISTORICAL SOCIETY WITH
APPROX 50 MEMBERS AND GUESTS
INCLUDING 6 ARES MEMBERS X
73

MATTHEW STEVENS PRESIDENT NJ4Y

FROM	DATE	TIME	TO	DATE	TIME
REC'D K4LKL	Jun 23	20:03	SENT	DELIVERED VIA PHONE	Jun 23 21:24

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1320 2/11

(3501 Kilocycles)

ARL Numbered Texts

Purpose & How Counted

- ARL Numbered Texts replace common phrases in message body text (i.e., Happy Birthday, Greetings by amateur radio, etc.)
- Use of ARL texts reduce total message word count – faster and more consistent transmission of text
- Translated before delivery of message to addressee
- ARL text numbers are always spelled-out in words (i.e., ARL SEVEN or ARL FORTY SIX)
- Message word count (check) is written as “ARL #” (e.g., ARL 4 or ARL 15) to alert operators that message includes at least one ARL numbered text.

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RADIOGRAM

NUMBER 23	PRECEDENCE R	HX	STATION OF ORIGIN AB4XK	CHECK ARL 5	PLACE OF ORIGIN EAGLE LAKE FL	TIME FILED	DATE OCT 1
TO JOHN DOE 123 some street CITY STATE ZIP PHONE NUMBER 888 123 4567 E-MAIL JOHN AT GMAIL DOT COM				THIS RADIO MESSAGE WAS RECEIVED AT AMATEUR STATION _____ PHONE _____ NAME _____ E-MAIL _____ STREET _____ CITY, STATE, ZIP _____			
HELLO		JOHN		ARL		FORTY SIX	
CHET		AB4XK					

FROM	DATE	TIME	TO	DATE	TIME
REC'D			SENT		

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+ Book Messages

- + If you have the same message going to several people, you can “Book” them.
- + Send the common parts first, such as the preamble, the text and signature.
- + Then send the individual message numbers with each address.
- + If you have several messages going to the same person, you can “Book” them.
- + Send the common parts first, such as the preamble, the address, and the signature.
- + Then send the message numbers with each text.

State	Abbreviation				
		MONTANA	MT	GUAM	GU
ALABAMA	AL	NEBRASKA	NE	PUERTO RICO	PR
ALASKA	AK	NEVADA	NV	VIRGIN ISLANDS	VI
ARIZONA	AZ	NEW HAMPSHIRE	NH		
ARKANSAS	AR	NEW JERSEY	NJ	CANADIAN PROVINCES	
CALIFORNIA	CA	NEW MEXICO	NM	ALBERTA	AB
COLORADO	CO	NEWYORK	NY	BRITISH COLUMBIA	BC
CONNECTICUT	CT	NORTH CAROLINA	NC	MANITOBA	
DELAWARE	DE	NORTH DAKOTA	ND		MB
FLORIDA	FL	OHIO	OH	NEW BRUNSWICK	NB
GEORGIA	GA	OKLAHOMA	OK	NEWFOUNDLAND	NF
HAWAII	HI	OREGON	OR	NORTHWEST	
IDAHO	ID	PENNSYLVANIA	PA	TERRITORIES	
ILLINOIS	IL	RHODE ISLAND	RI		NT
INDIANA	IN	SOUTH CAROLINA	SC	NOVA SCOTIA	
IOWA	IA	SOUTH DAKOTA	SD		NS
KANSAS	KS	TENNESSEE	TN	ONTARIO	ON
KENTUCKY	KY	TEXAS	TX	PRINCE EDWARD	
LOUISIANA	LA	UTAH	UT	ISLAND	PE
MAINE	ME	VERMONT	VT	QUEBEC	QC
MARYLAND	MD	VIRGINIA	VA	SASKATCHEWAN	SK
MASSACHUSETTS	MA	WASHINGTON	WA	YUKON	YT
MICHIGAN	MI	WEST VIRGINIA	WV		
MINNESOTA	MN	WISCONSIN	WI		
MISSISSIPPI	MS	WYOMING	WY		
MISSOURI	MO				