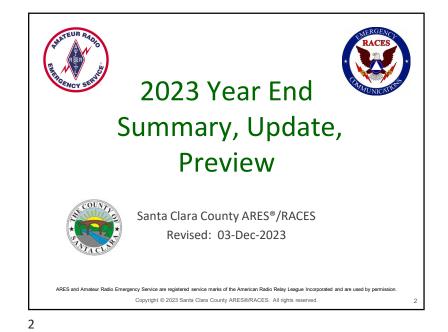
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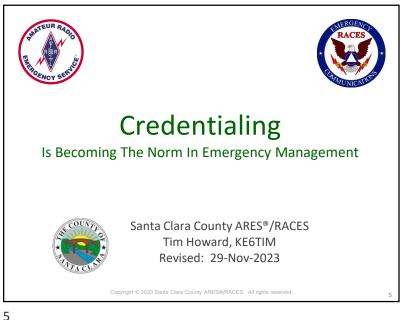
1

3

Housekeeping **a** 2024 FOLLOWING Introductions INSTRUCTIONS • Pen/pencil, paper · Cell phones Side conversations Questions I EARN HOW Breaks TO READ AN FO/ / OW Restrooms INSTRUCTIONS OF ALL KINDS • Do not wander around the building In case of emergency • After we end, please exit the room so we can do the DSW swearing in • If you have previously signed up and are here for the DSW registration, please remain in this room. Copyright © 2023 Santa Clara County ARES®/RACES. All rights

Agenda • Credentialing • Hospital Update • Update Your Contact Info • Packet Update • Weekly Packet Practice • 2023 Forms Review • RF Safety Evaluations • 2023/2024 Training

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Credentialing

- We need to move from the attitude of "I have a radio and know how to use the PTT button".
- We need to move to Credentialed operators that know how to provide 3rd party communications for our served agencies.
- This consists of using their forms, in their format, following their procedures, and at their locations.
- If we can't send the information they need, in the format they need, accurately and efficiently; then we are not part of the solution.

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Credentialing

- During Public Service events and drills it is obvious that Credentialed operators do a vastly superior job of communications overall.
- That is not to say the non-credentialed operators are bad, they are just not as accurate and efficient.
- Can you send these accurately and efficiently:
 - "The password is AVde4#3Qw"

8

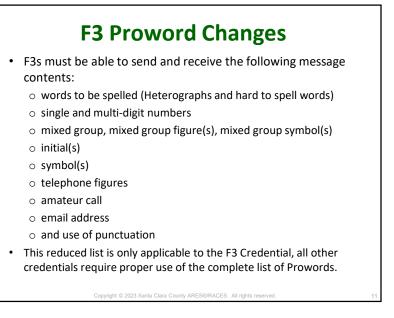
- "The address is www.domain.gov/New supplylist23A"
- Any form with some filled in and some empty fields
- A standard form that is missing information on where and to whom it should be sent

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Credentialing During a real activation, sending messages with accuracy and efficiency will be of paramount importance. Credentialing also provides resource typing following NIMS and CALOES standards. • Credentialed operators can be considered for assignments

- even though they are not personally known to the person making the assignment.
- Credentialed operators are more likely to receive assignments that match their specific capabilities. That usually results in assignments which are more enjoyable.

9



11



Changes to Credentialing Program Handbook (12-Feb-2023)

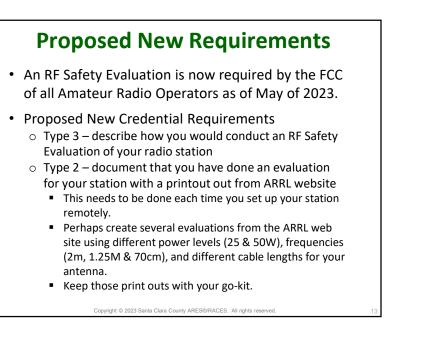
- If FEMA certificates for on-line classes have been lost or misplaced, there is a service where you can retrieve copies of training certificates. (page 20) https://training.fema.gov/student/sssp.aspx
- Changes to Prowords for F3 the Credential (page 36)

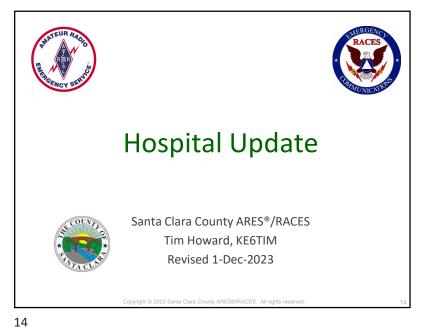
10

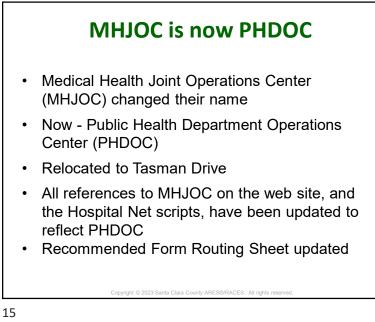
Update on Endorsements

- Mutual Aid Communicator (MAC)
- County EOC Radio Room Operator (ERO)
 - 13 people have earned the endorsement; several others are working on the requirements.
- County EOC RACES Unit Leader (RUL)
 - Pilot class in March 2024. Will be open to small group of those meeting the prerequisites.
- County Fire Station Radio Operator (FRO)
 - County Fire is working on developing the "Auxiliary Communications Emergency Service (ACES) Fire Station Operations" class required for this endorsement.

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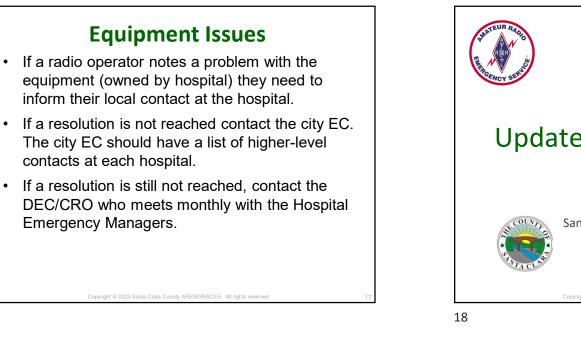


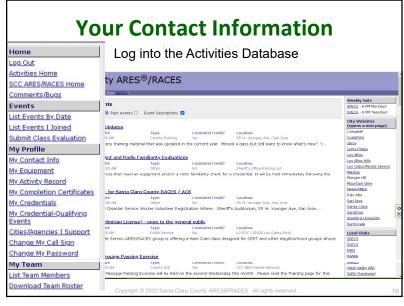
Equipment Status

- During COVID we were not allowed in the facilities to conduct the Monthly Hospital Nets
- As access was restored, it was found that equipment had been relocated, misplaced, or otherwise left in an unknown condition

PHDOC – Antenna Install after move to Tasman Good Samaritan – Antennas need relocated Regional Medical – Printer missing

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Your Contact Information Santa Clara County ARES®/RACES My Contact Information ARES/RACES Home -Personal Information Contact Informatio Call Sign* W6XRL4 Home Phone# 408-555-1212 - C Herman First Name* Work Phone# Last Name* Cell Phone# Munster Address 1* 1313 Mockingbird Ln Pager Address 2 e-mail #1 * none1@none.com e-mail #2 none2@none.com City* **Mockingbird Heights** State# * denotes required field # at least one number is required Completion Certificates Zip* 00000 AlertSCC Information (format for phone & SMS numbers Credential-Qualifying Emergency Contact Information Phone #1: 408-555-0001 ities/Agencies I Support Emergency contact* Lily Contact number* 408-555-1212 Phone #2 : 408-555-0002 ange My Password Phone #3 : 408-555-0003 Supported Agencles You are on the rosters of these agencies: County of Santa Clara e-mail #1 : email1@gmail.co e-mail #2 : email2@gmail.com wnload Team Roster My Primary Agency County of Santa Clara e-mail #3 : email3@gmail.com SMS #1**: 408-555-1000

SMS #2** : 408-555-2000

** SMS stands for Short Messaging Servic which is synonymous with text messaging

Note: These entries are prioritized. Put your primary information as #1, your second as #2, etc.

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Equipment

Credentials

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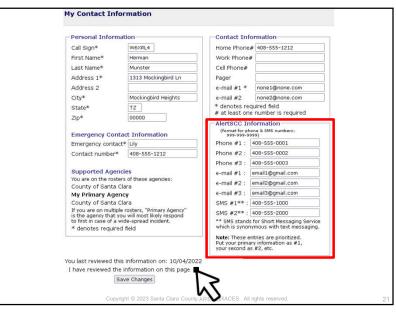
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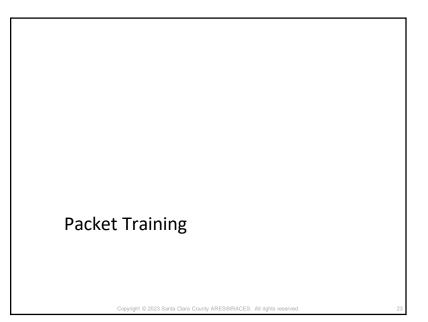
st Team Members

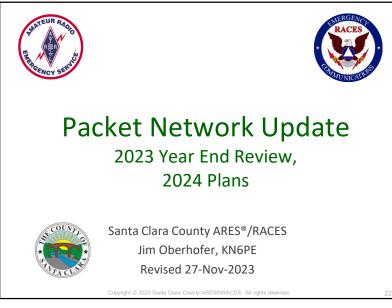
If you are on multiple rosters, "Primary Agency is the agency that you will most likely respond to first in case of a wide-spread incident.

v Activity Record

vents







SCC PACKET

CLASS OF

2023

22

2023 Packet Classes

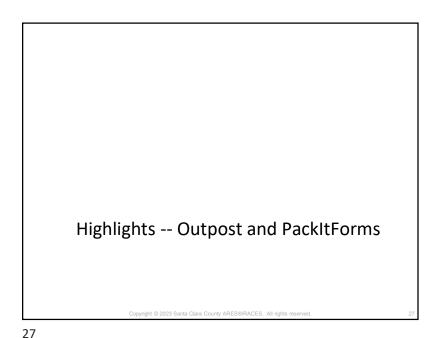
By the numbers

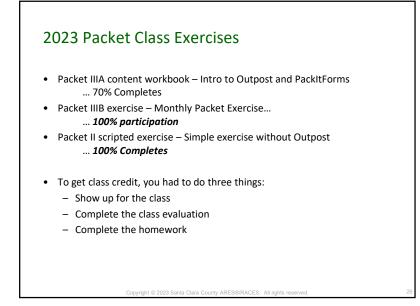
- 54 class sign-ups (all 3 classes)
- 162 classroom hours spent
- 30 unique participants
 - 13 packet Ops attended only one class
 - 7 packet Ops attended only two classes

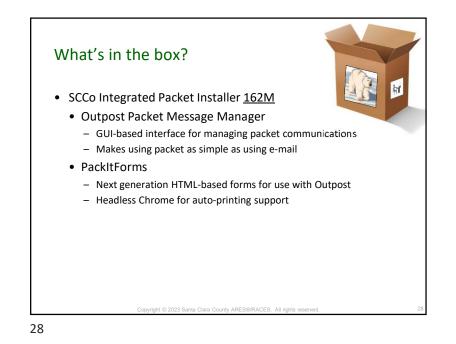
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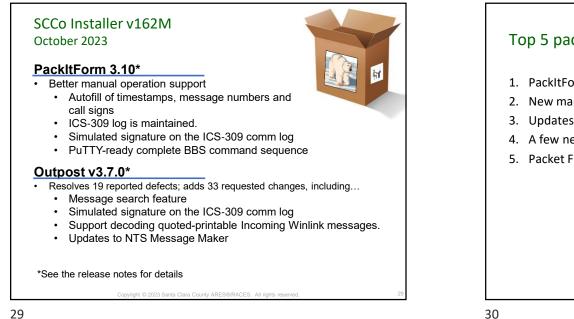
- 10 packet Ops attended all three classes

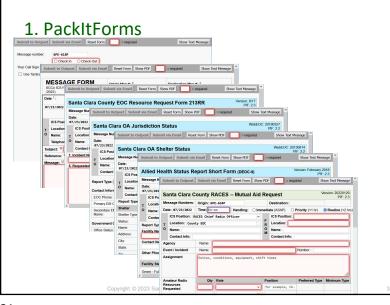
		n					\frown
	2017	2018	2019	2020	2021	2022	2023
	ClassRm	ClassRm	ClassRm	Zoom	Zoom	ClassRn	ClassRm
classroom hours spent	360	318	288	315	342	153	162
class sign-ups (all 3 classes)	120	116	96	105	114	51	54
Packet IIIA	49	46	33	42	44	19	22
Packet IIIB	42	35	29	29	32	19	17
Packet II	29	25	24	34	38	13	15





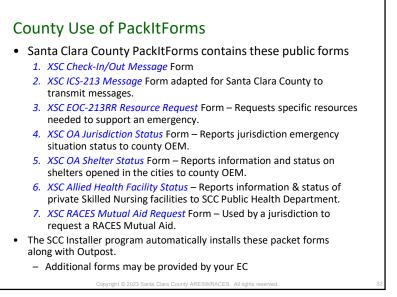


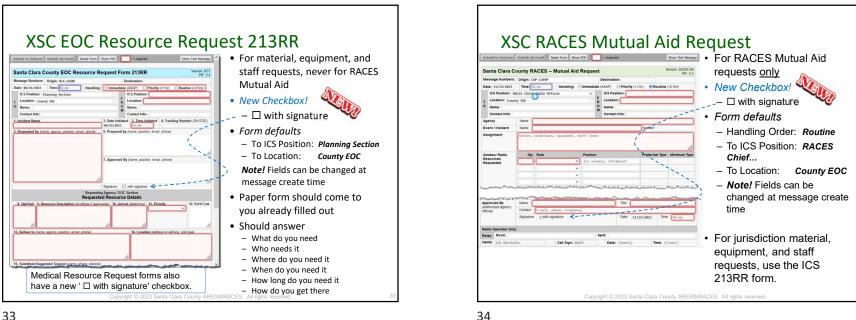






- 1. PackItForms updates
- 2. New manual PackItForm operation
- Updates to the Packet USB Stick Suggestions
- 4. A few new Outpost features
- 5. Packet Field References, Type III, Type II





PackItForms	Handling Order	TO ICS Position	To Location
ICS 213 Message Form			
EOC Resource Request 213RR		Planning Section	County EOC
OA Jurisdiction Status	Immediate	Situation analysis Unit	County EOC
OA Shelter Status	Priority	Mass Care and Shelter Unit	
Allied Health Status	Routine	EMS Unit	PHDOC
RACES Mutual Aid Request	Routine	RACES Chief Radio Officer	County EOC
HAvBed Report	Immediate	EMS Unit	PHDOC
Medical Facility Status	Immediate	EMS Unit	PHDOC
Resource Request Form #9A	Priority	EMS Unit	PHDOC

- Fields can be changed at message create time
- Always double-check the RACES Recommended Form Routing Cheat Sheet for your specific situation



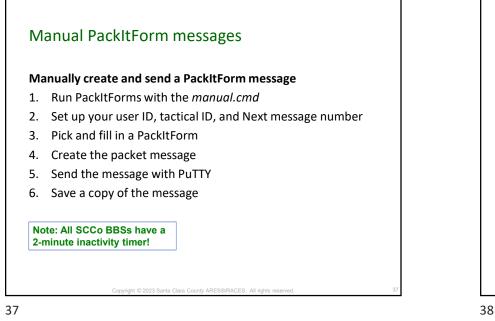


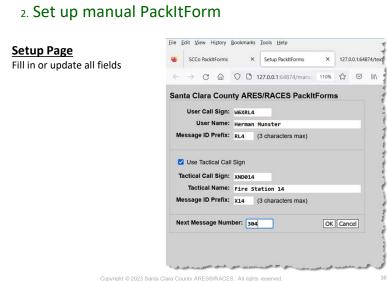


PackItForms works with both Outpost or as a standalone solution for forms-based messages.

- What's new with the PackItForms 3.10
 - Enhanced standalone message management, including:
 - Manages setting up and using user and tactical IDs
 - Takes care of message numbering
 - Includes a Plain Text message form
 - Creates a standalone ICS-309 log
 - Creates copy-ready text (all BBS commands) to paste into PuTTY
 - Easy message saving
- What's the same
 - Tight integration with Outpost
 - Supports all PackItForms
 - Formats a standard PackItForm for sending
 - Processes a received PackItForm

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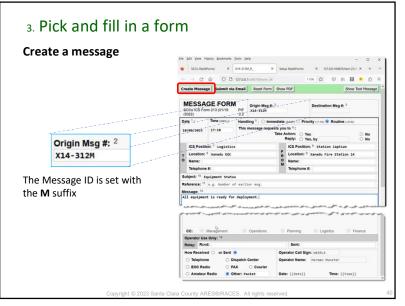


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Home Page File Edit View History Bookmarks Tools Help Select a PackItForm to send. New Tab × 🌴 SCCo ARES/RACES Networi × SCCo PackItForms ← → C @ O D 127.0.0.1:52899/manual 110% ☆ 🖾 🕅 🖬 🖆 or Santa Clara County ARES/RACES PackItForms Process a PackItForm Setup Edit ICS-309 Log message just received Create a message to send Message type: Create Messa plain text View a received XSC Check-In/Out Message Enter the receiv drop or upload a XSC ICS-213 Message Message: Da XSC EOC-213RR Resource Request Upload XSC OA Jurisdiction Status XSC OA Shelter Status Download XSC Allied Health Facility Status XSC RACES Mutual Aid Request

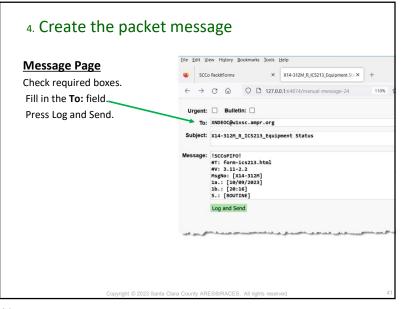
3. Pick and fill in a form

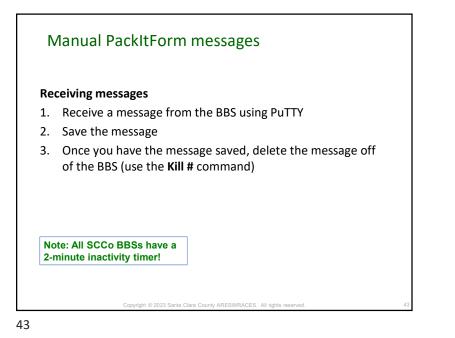
Received Date: mm/dd/yyyy Time: hh:mm

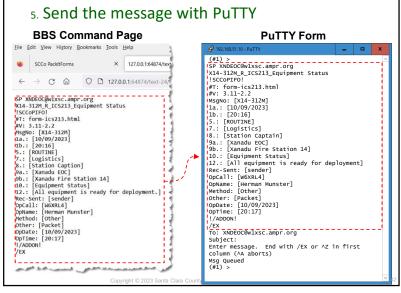
Reset Fields

Log and View

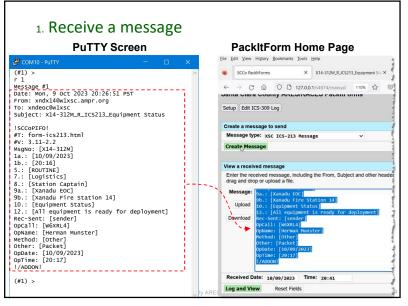
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Manual packet operations; not many changes This is a *tool change*, not a *process change*

1. First Shift...

- a. Show up, request a safety and assignment briefing
- b. Find a workspace for your packet operations

2. Initial station setup...

- a. Find, assess, and set up the packet station
- b. equipment check-out

3. Packet Operations...

- a. Download notices, send yourself a test message
- b. Send the formatted check-in message with your Tac Call
- c. Manage the message flow
- 4. Incoming Shift Change...
 - a. Request a safety and assignment briefing
- 5. Outgoing Shift Change...
 - a. Archive the event documentation

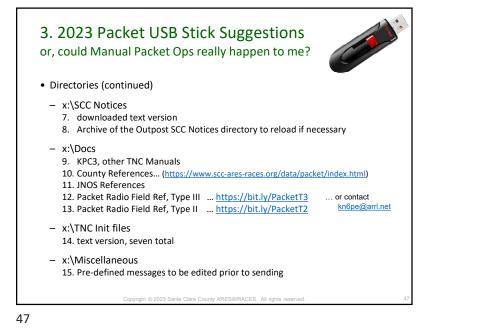
6. Securing Operations...

- a. Send the formatted check-out message with your Tac Call
- b. Archive the event documentation
- c. Shutdown Copyright © 2023 Santa Clara County ARES®/RACES. All rights reserv

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4. New Outpost Features

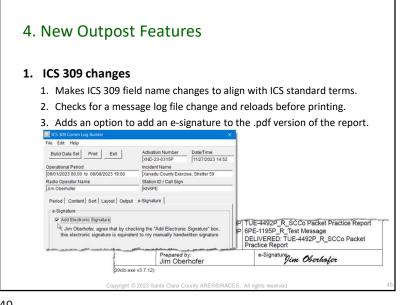
1. Send/Receive changes

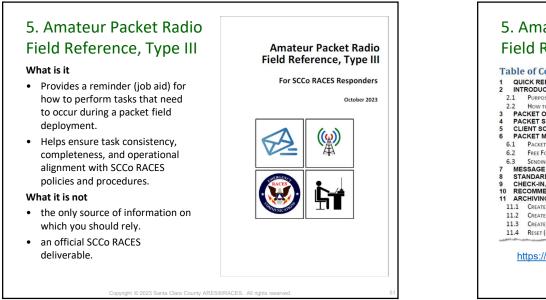
- 1. Adds Outpost > Actions > *Receive without bulletins* option.
- Adds Outpost > Tools > Send/Receive > 1st tab, makes option Send a message immediately when it is complete SEND ONLY.
- 3. Support decoding quoted-printable incoming Winlink messages.

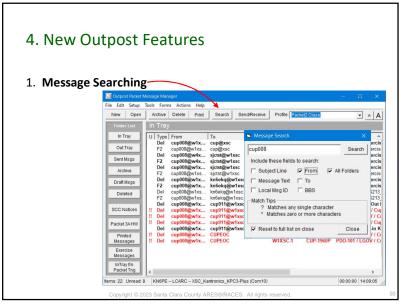
2. Opscript changes

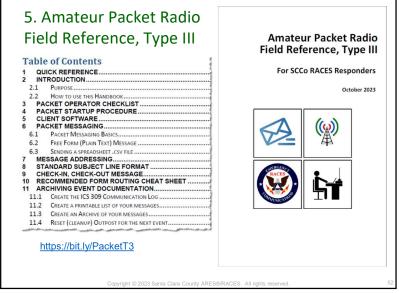
- 1. Adds logging to script runs.
- 2. Adds Modulo operator '%'.
- 3. Adds scripting regex match capability for all message fields.

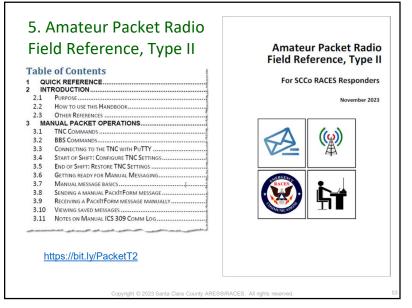
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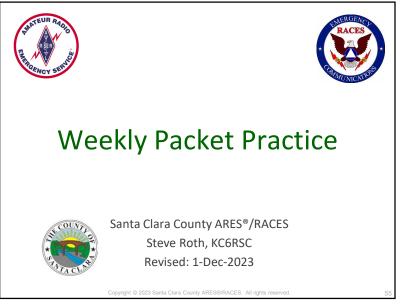


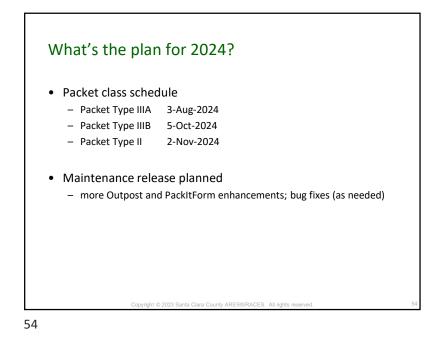


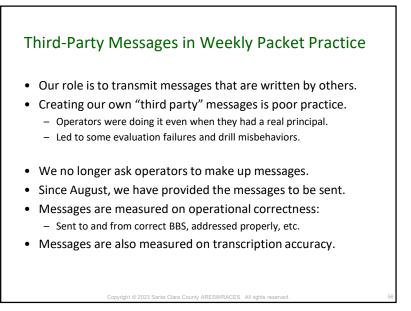


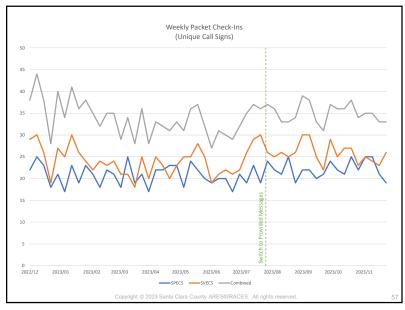


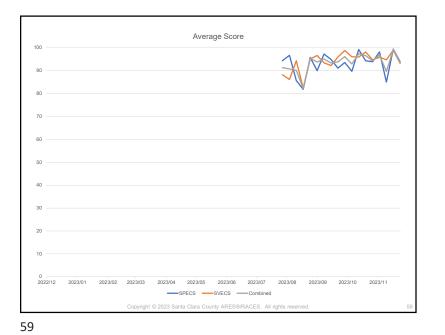


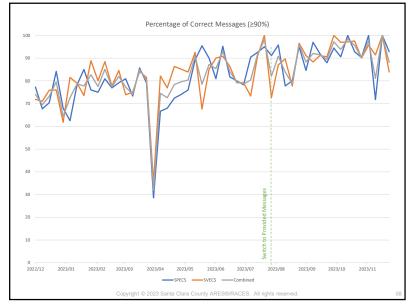












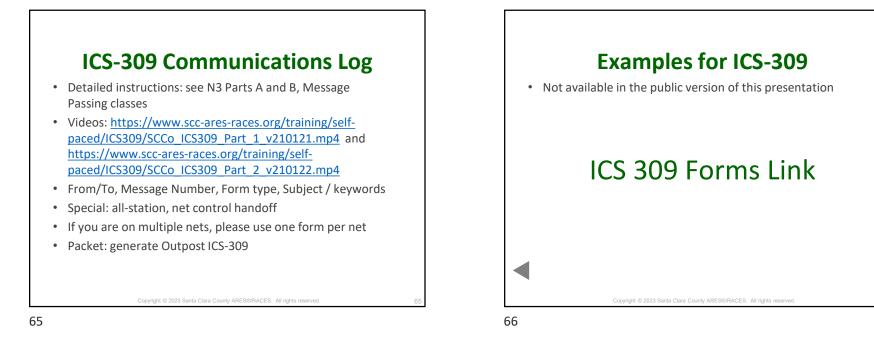
58

Multi-Year Comparison						
	2018	2019	2020	2021	2022	2023
Total Messages	2116	2844	3138	3226	3200	2932
% Correct	93.2%	93.7%	95.5%	96.6%	88.4%	83.1%
Unique Calls	25.5	29	31	30	27.4	34.3
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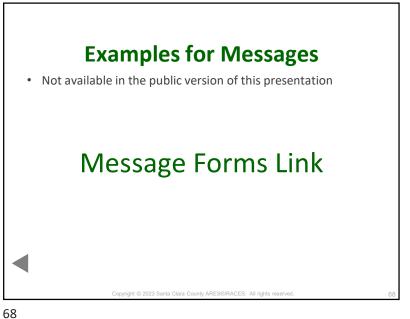


Detailed instructions: see F3 class Obsorve-food og og everything significant: travel tracking with times and odometer readings; check-in and -out at staging; assignment details; H&W checks; breaks; events * If you consider it to be of interest later, please write it down

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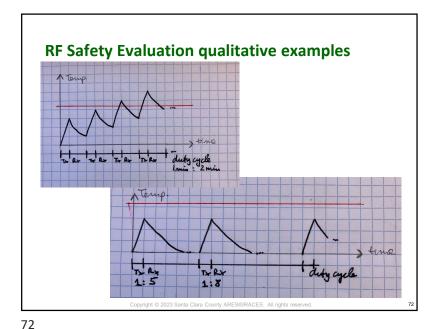




RF Safety Evaluation Report and Order

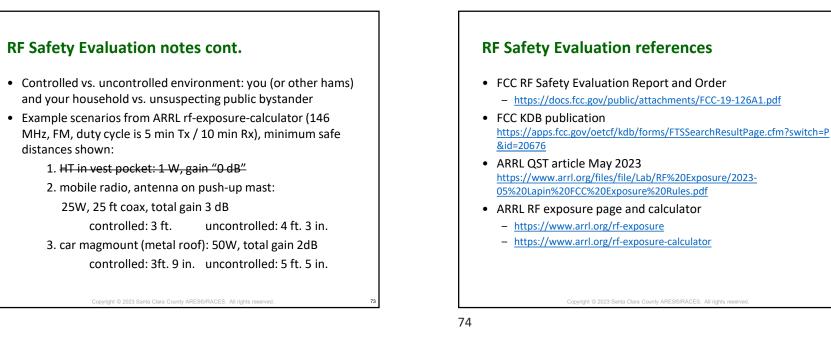
- Your license requires this evaluation, the FCC changed the rules and existing stations had until May 03, 2023 to comply.
- New stations needed to always evaluate (since 2021), note that this might have applied to you each time when setting up an emergency operation station that is "new"
- https://docs.fcc.gov/public/attachments/FCC-19-126A1.pdf
- It's complicated: the RF exposure limits have not been changed, but more licensees might be required to perform a station evaluation. If you do, save & keep your work sheets.
- Articles in ARRL QST September 2021, pp. 60-62; ARRL QST May 2023, pp 64-66
- <u>https://www.arrl.org/rf-exposure</u>, also has a calculator
- Free book download "RF Exposure and You" *

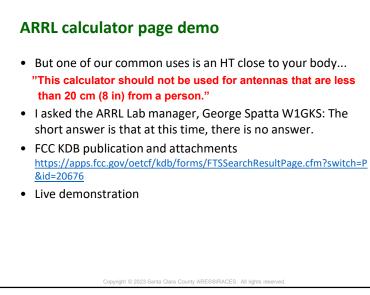
70



RF Safety Evaluation notes

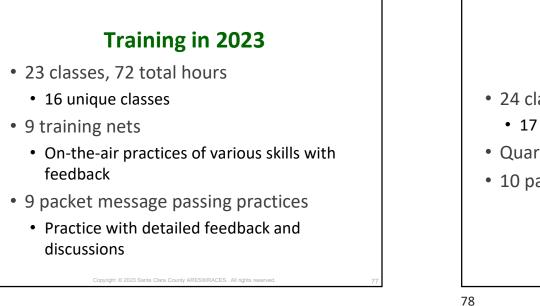
- Bulletin OET65 and supplements have not been updated by the FCC after many years, some KDB article exists
- What is this about? Heating up tissue in your body, and it depends a bit if the tissue is your brain/eyeball or the part you are sitting on. Sawtooth heat up (transmit 1 min), cool down decay curve (receive 2 min), repeat after this cycle. Eventually you will cross the threshold line and stay above.
- The second example leaves enough time to cool down by having longer Rx cycles.
- Important parameters are frequency, duty-cycle (time), radiated power which all contribute to energy absorption into human body tissue







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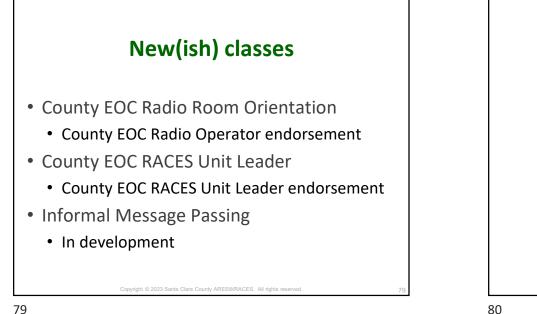


Training in 2024

- 24 class sessions
 - 17 unique classes
- Quarterly training nets
- 10 packet message passing practices

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