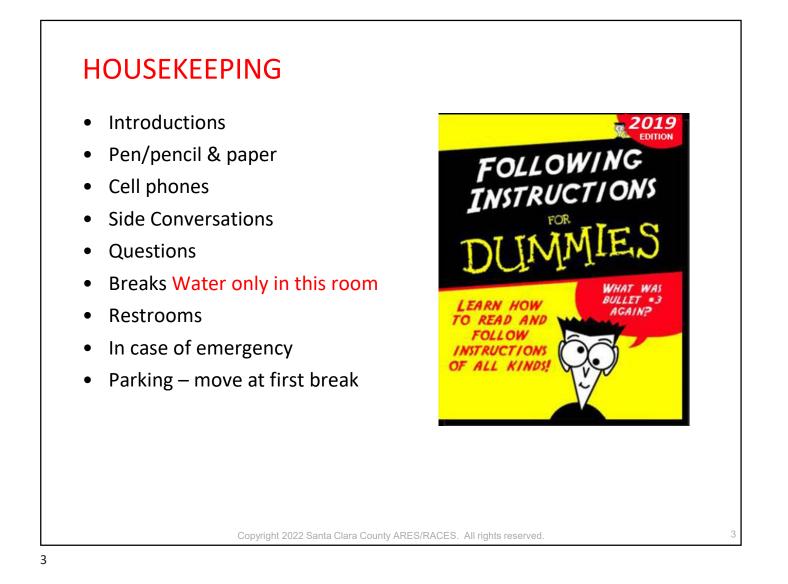
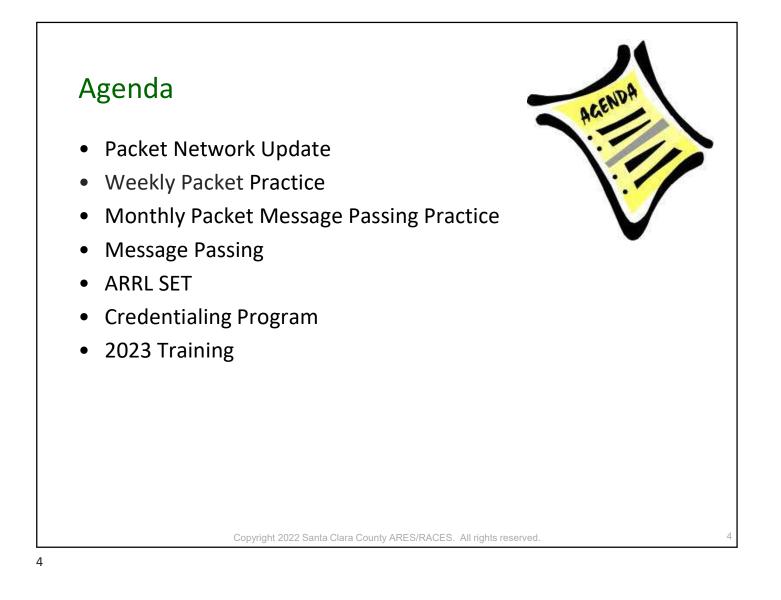
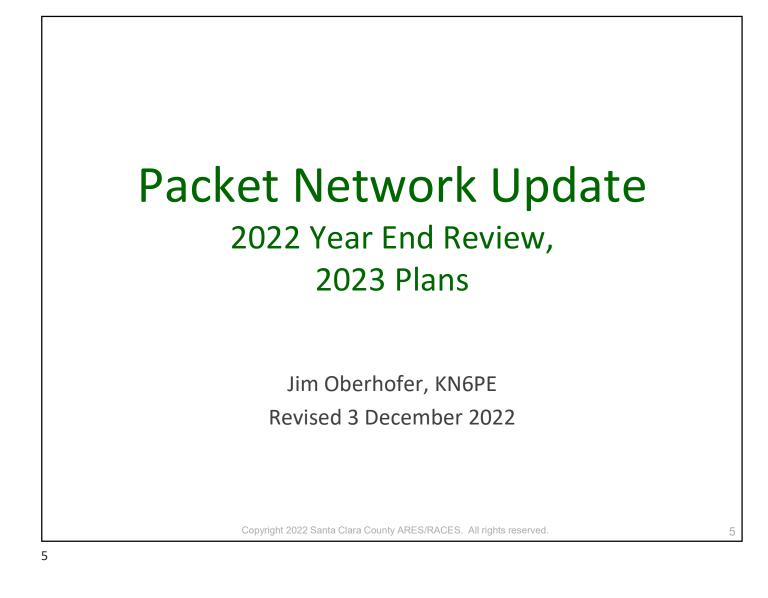


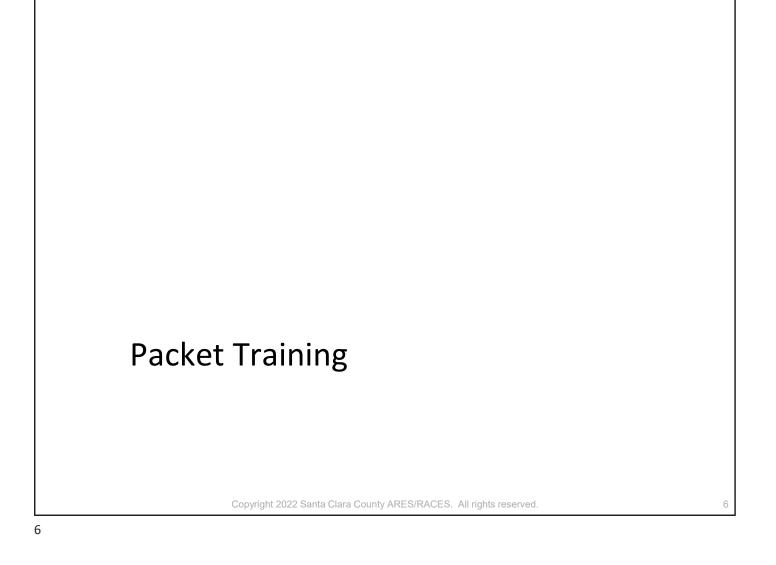
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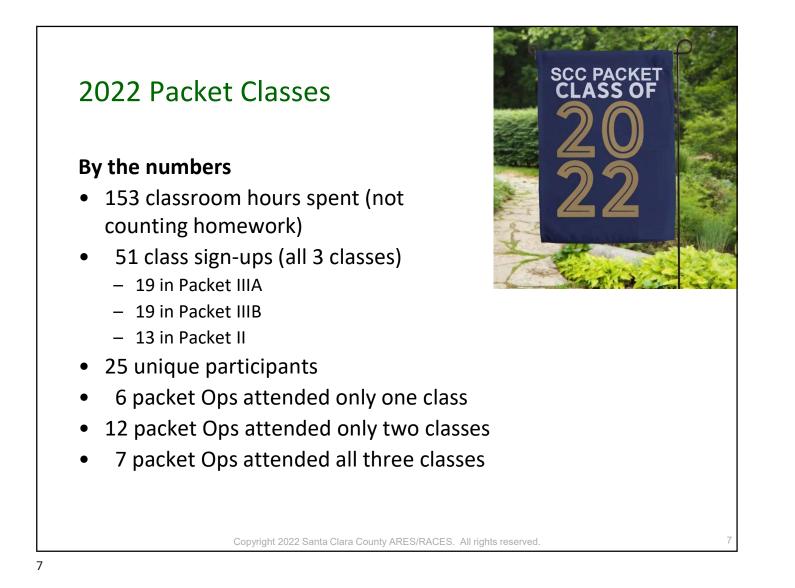












2022 Packet Classes

Year over Year participation

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

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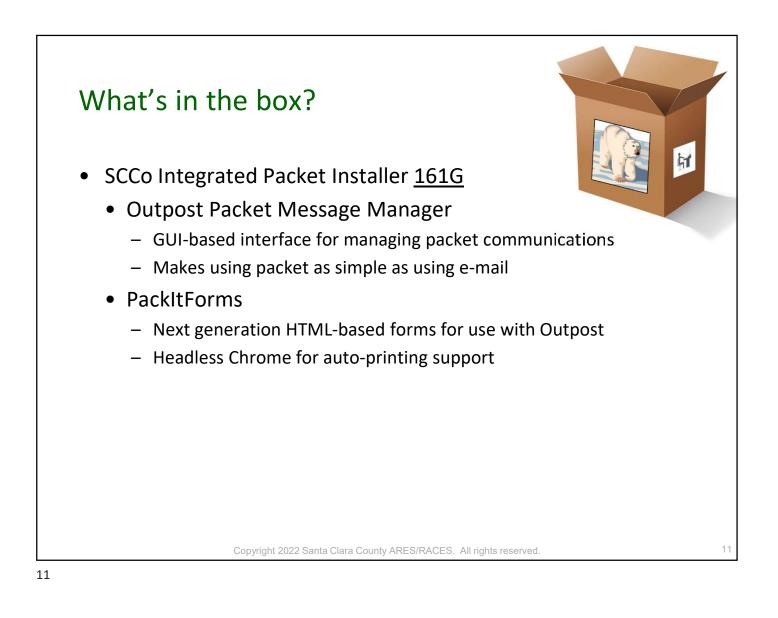
- Packet IIIA content workbook Intro to Outpost and PackItForms
- Packet IIIB scripted exercise check-ins, message passing, check-out
- Packet II scripted exercise similar to IIIB but without Outpost!
- To get class credit, you had to do three things:
 - Show up for the class
 - Complete the class evaluation
 - Complete the homework
- While not part of the Packet II class, ~40% went on to do the November *Monthly Packet Message Passing Exercise* manually.

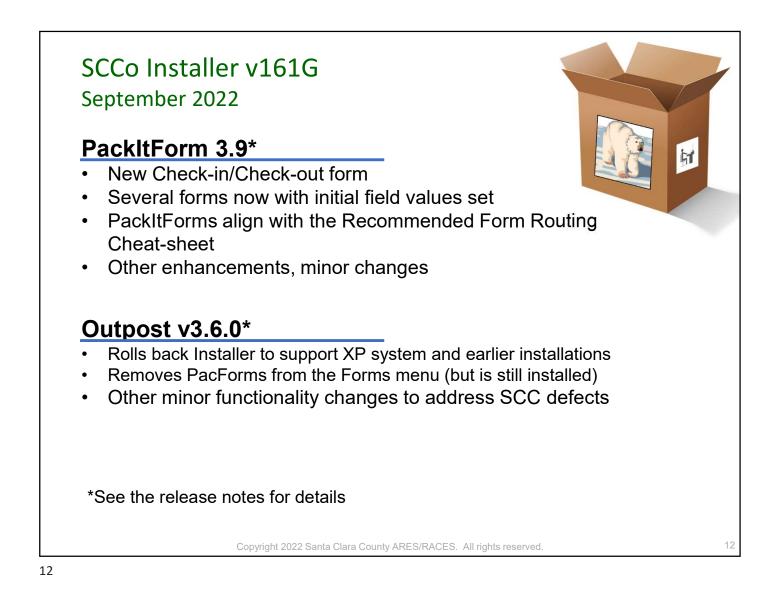
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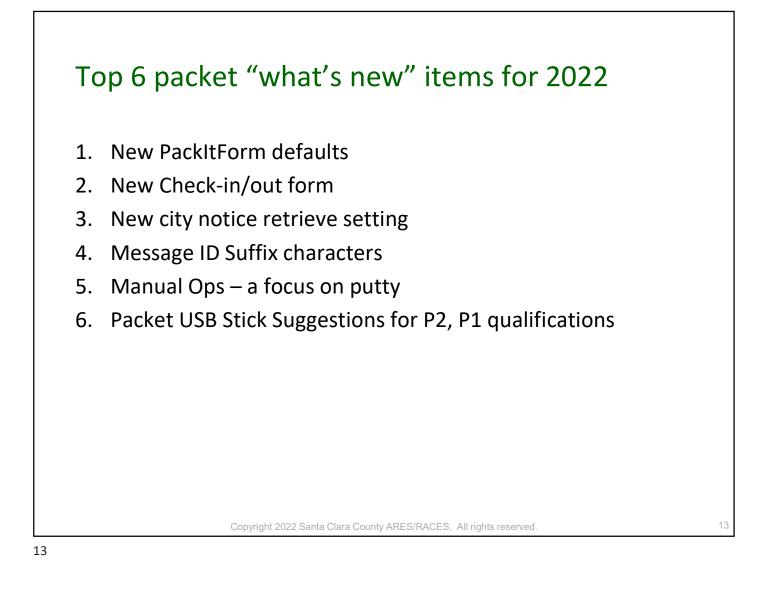
Highlights -- Outpost and PackItForms

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10

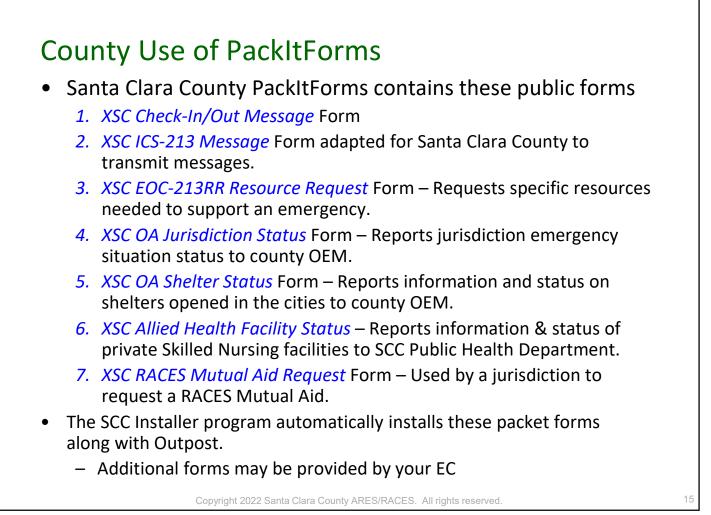






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Submit to outpost Submit via Linan Reset form Show PDF	ssage number	6PE-6	eck In O Check	Out	= required		Show Text						
72020 Total and the stand	Use Tactica	MESS		M	in 1800 #. 2		Destination Max	u . 3					
Contact ICS Pos Allied Health Status Report Short Form (DECC-9) Version: 20220129 Report Type: T Locatio Oname: Contact Contact Infor Contact Contact Contact Reset Form Show PDF = required Show Text Message Primary EM Secondary E Sheller Sheller Contact Message Numbers: Origin: 6PE-624P Destination: PIF: 2.3 Secondary E Sheller Name: Contact Contact ICS Poilton: RACES Chief Radio Officer ICS Position:		/2022) Date ¹ : 07/23/2022 ICS Pos Location Name: Telepho Subject: ¹⁰ Reference:	Santa Cla Message Nur Date: 07/23/2022 ICS Posit T Location O Name: Contact I	Submit to Our Santa Cla Message Nur Date: 07/23/2022 ICS Posi T Location	EOC Res tpost Subm ra OA Jun Submit to O Santa CI Message Nu Date:	ource Real it via Email risdiction utpost Subr ara OA Si Submit to C	quest Form 21 Reset Form Show I Status mit via Email Rese helter Status Dutpost Submit via	3RR PDF et Form Sho Email R	Version: 8/1 PIF: 2: = required SH Wel w PDF = require eset Form Show PDF	7 3 how Text Mes bEOC: 2019(PIF ad	3327 : 2.2 Show Text M WebEOC: 201 P uired	30814 IF: 2.2 Show Text Mess	
Green - Ful			<	Report Type: Contact Inform EOC Phone: Primary EM C Secondary EN Name: Government C	T CS Pos Location Name: Contact Report Type Shelter Type Status: Name: Address: City: State:	Message N Date: 07/23/202 ICS Po T Locatic O Name: Contact Report Typ Facility.Na Contact Na Other Phor Facility Sta	Submit to Outpost	Submit vi County R Origin: 6P Time: htt ACES Chief ty EOC Name: Name:	a Email Reset Form	Show PDF Aid Requ De Immediate	e requirest stination: (ASAP) S Position: cation: ame: ontact Info:	Pir- ired <u>st</u> V Priority (<1 hr)	2.3 now Text Message ersion: 20220129 PIF: 2.3



MESSAGE FORM SCC0 ICS Form 213 (01/19 /2022) PIF 2.2 Origin HXM-6 Date ¹ : Time (24hr): Handling ⁵	set Form Show PDF = required Show Text Message Msg #: 2 Destination Msg #: 3 269 Immediate (ASAP) Priority (<1 hr) Routine (<2 hr) a requests you to ⁶ : Take Action: Yes, by No Reply: Yes, by No No F Location: ⁹ Location: ⁹ Name: Mame: Mame: Mame: Mame:	 SCC IS 213 Message Form Updated Form fields! Message Number Fields Removes Situation Severity Field
Reference: ¹¹ e.g. Number of earlier msg. Message: ¹²	1) USE SEPARATE MESSAGE FORM IF SENDING REPLY!	
Reference: ¹¹ e.g. Number of earlier msg. Message: ¹²	t) USE SEPARATE MESSAGE FORM IF SENDING REPLY!	
Reference: ¹¹ e.g. Number of earlier msg. Message: ¹² Action Taken: ¹³ (For use by Originator/Recipien CC: Management Operation	t) USE SEPARATE MESSAGE FORM IF SENDING REPLY!	
Reference: ¹¹ e.g. Number of earlier msg. Message: ¹²	t) USE SEPARATE MESSAGE FORM IF SENDING REPLY! ns Planning Logistics Finance Sent: Operator Call Sign: W5XRL4	
Reference: ¹¹ e.g. Number of earlier msg. Message: ¹² Action Taken: ¹³ (For use by Originator/Recipien CC: Management Operator Use Only: ¹⁴ Relay: Rcvd:	t) USE SEPARATE MESSAGE FORM IF SENDING REPLY! ns Planning Logistics Finance Sent: Operator Call Sign: W6XRL4 Operator Name: Herman Munster	

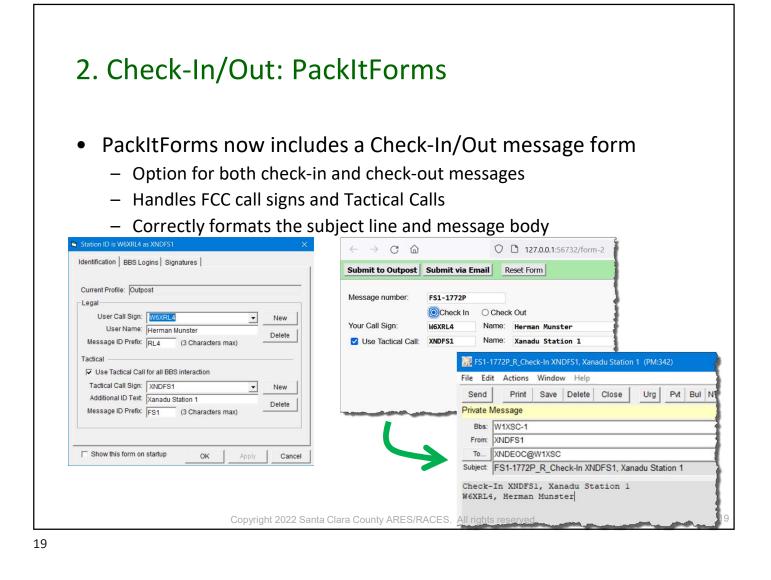
1. New PackItForm Defaults

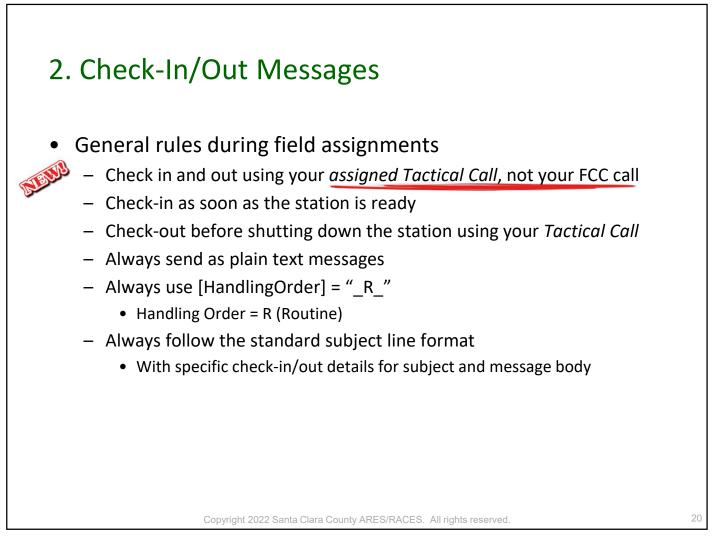
PackItForms	Handling Order	TO ICS Position	To Location
ICS 213 Message Form			
EOC Resource Request 213RR		Planning Section	County EOC
OA Jurisdiction Status	Immediate	Situation analysis Unit	County EOC
OA Shelter Status	Priority	Mass Care and Shelter Unit	
Allied Health Status	Routine	EMS Unit	MHJOC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

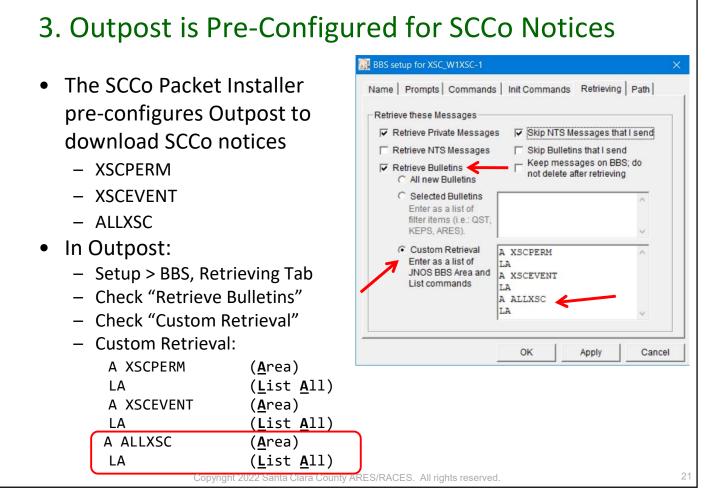
- Aligns with the RACES Recommended Form Routing Cheat Sheet
- Similar default settings for the Hospital PackItForms
- Fields can be changed at message create time
- Always double-check the *RACES Recommended Form Routing Cheat Sheet* for your specific situation

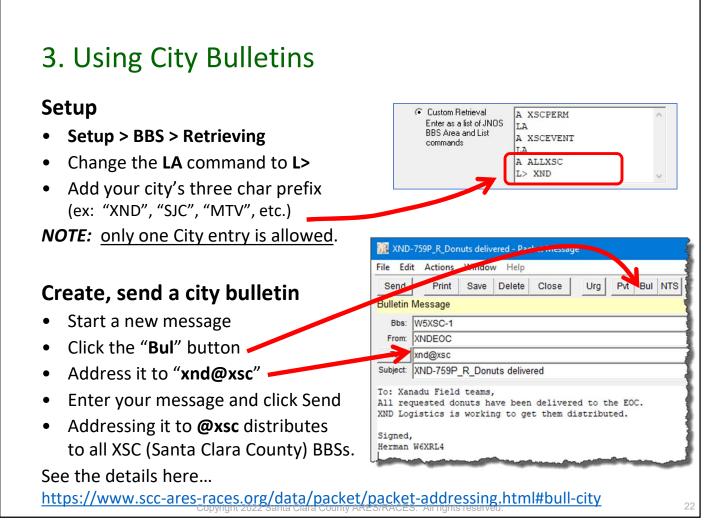
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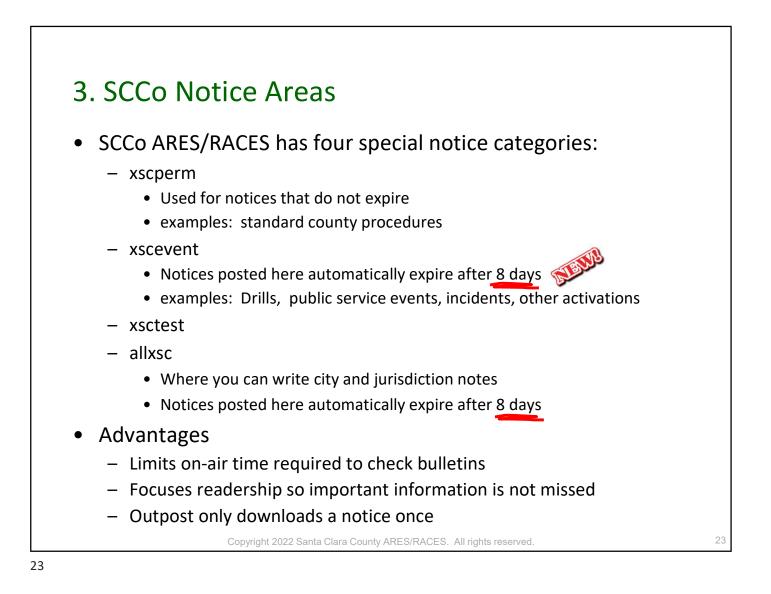
18

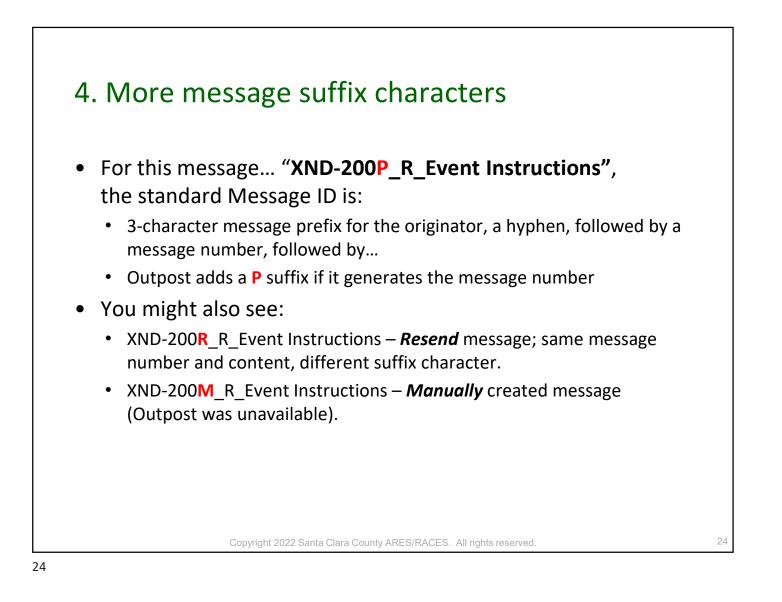


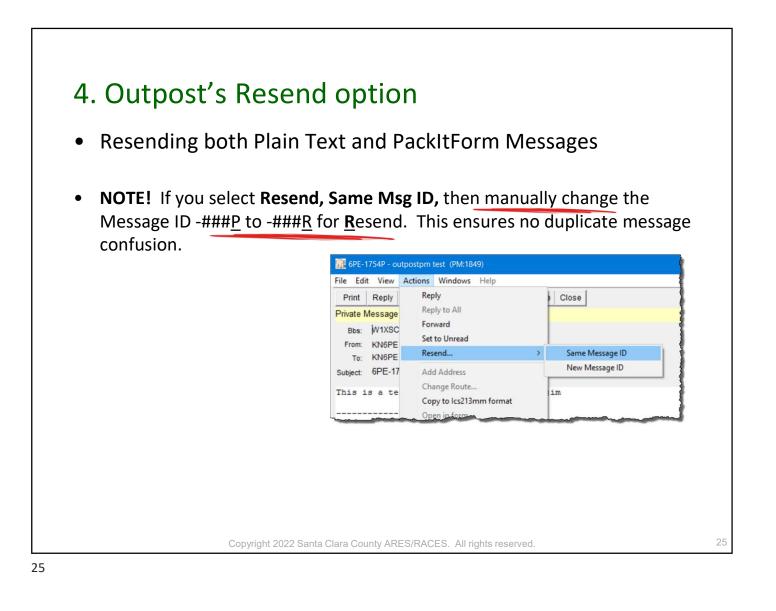


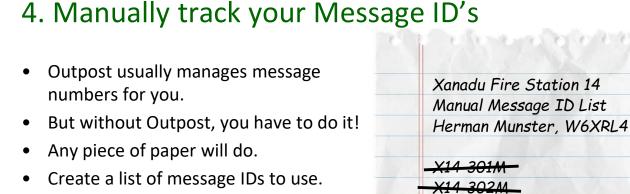












Use the 'M' suffix to indicate this is a Manual message and not conflict with Outpost's "P" (for packet) suffix.

- When you use one, cross it out.
- Example: given this list, your next
 Message ID is X14-303M.
- For packet messages sent or received, enter the Message ID in the next message and your ICS 309 Comm Log for packet messages.

NOTE: There are other ways to keep track of your manual message IDs; the above is one method.

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X14-303M

X14-304M

X14-305M X14-306M

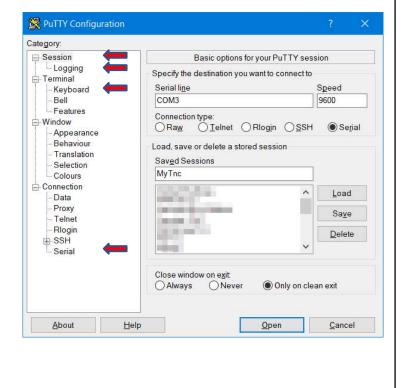
X14-307M

X14-308M

26

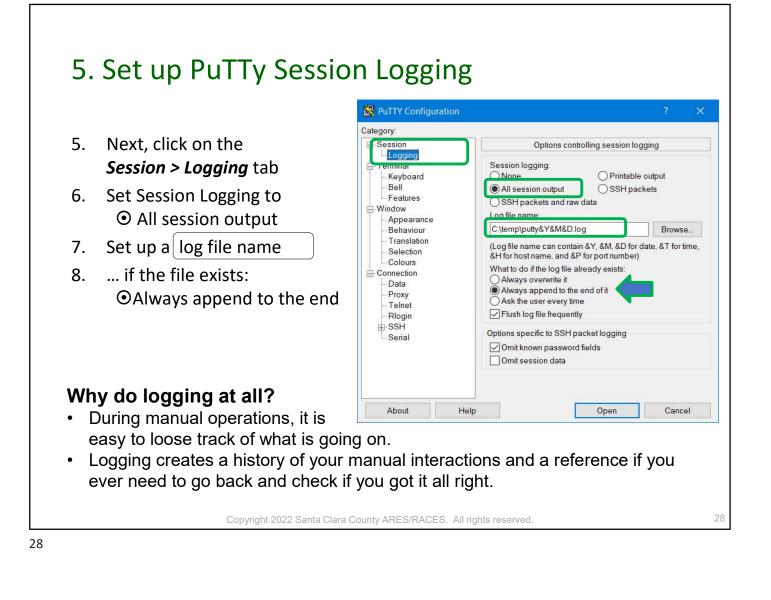
5. Manual Operations – PuTTy

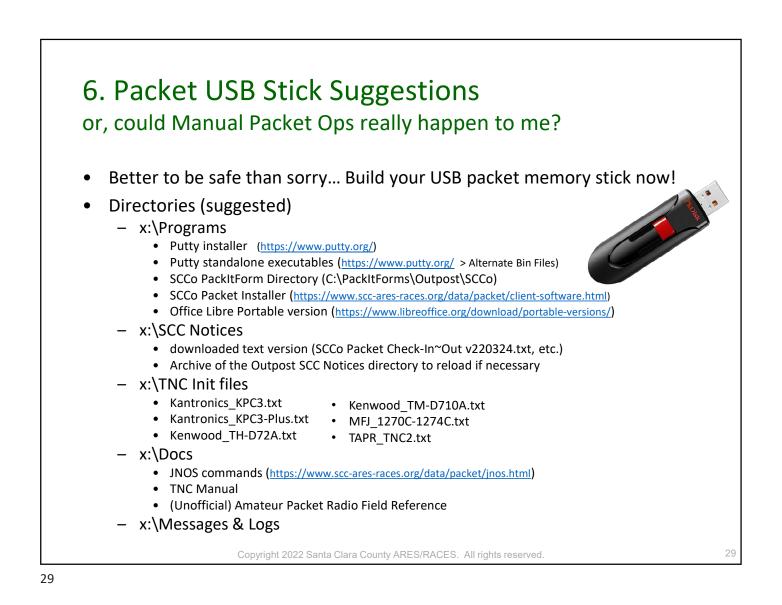
- Why PuTTy?
 - Good terminal emulator for manual packet work.
 - Includes a stand-alone (portable) program that is not dependent on any IT or Admin permissions to run it.
 - Good feature set that aligns with how we do manual packet.
 - Straight forward configuration.

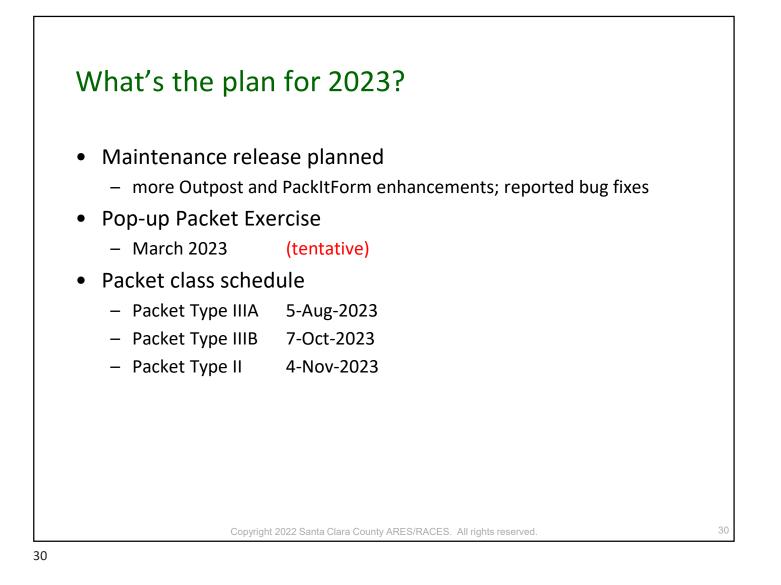


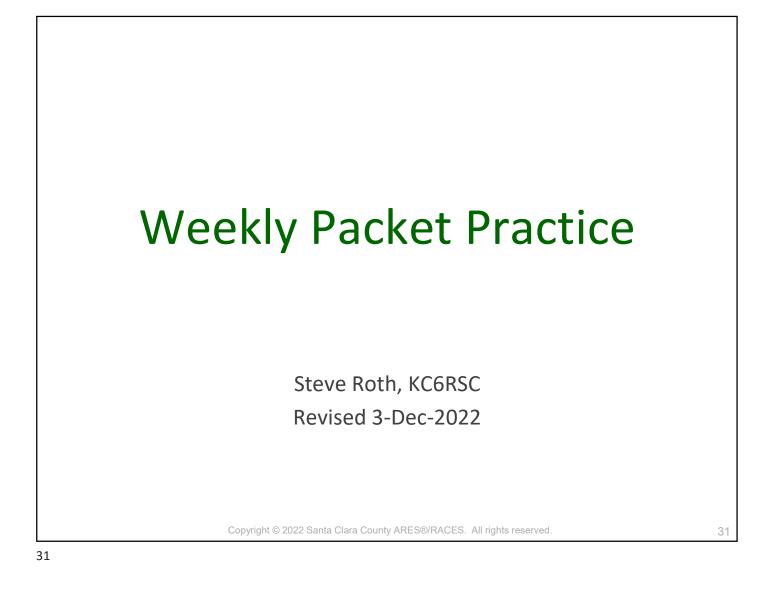
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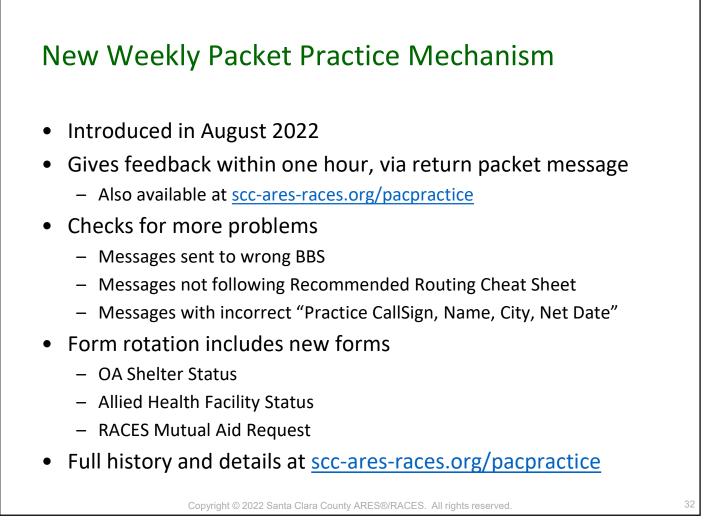
27

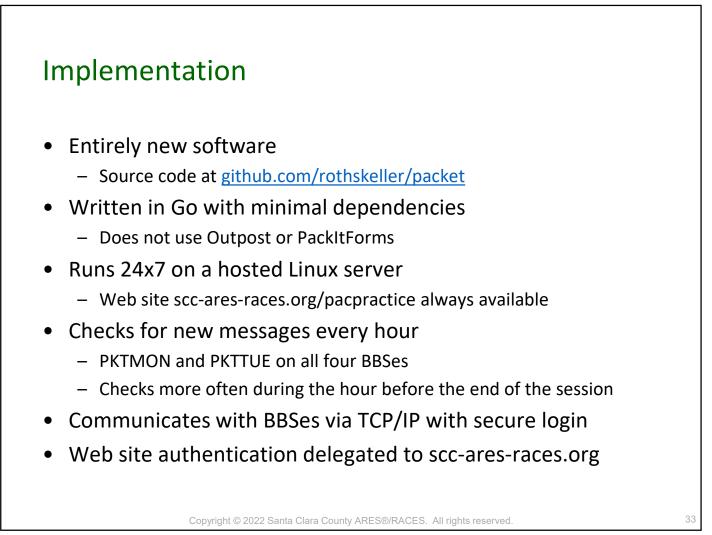


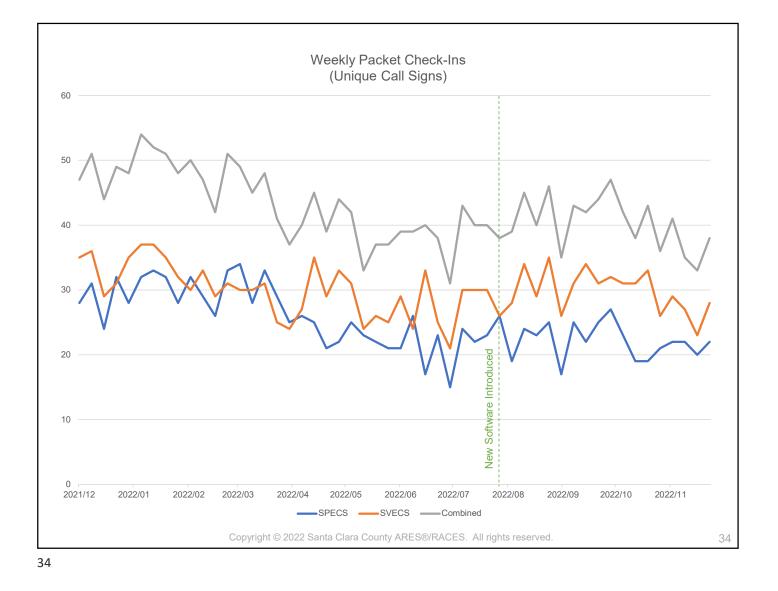


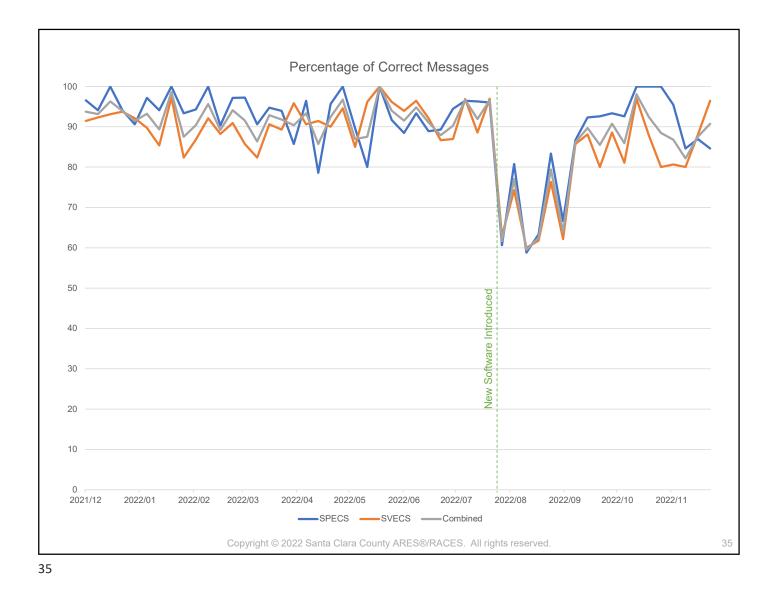




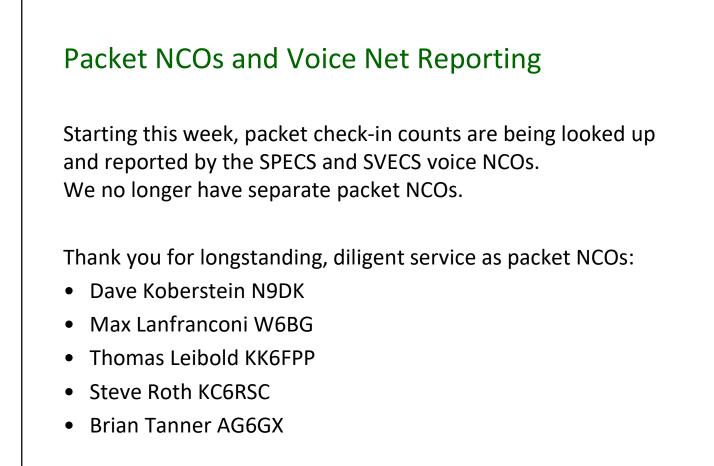




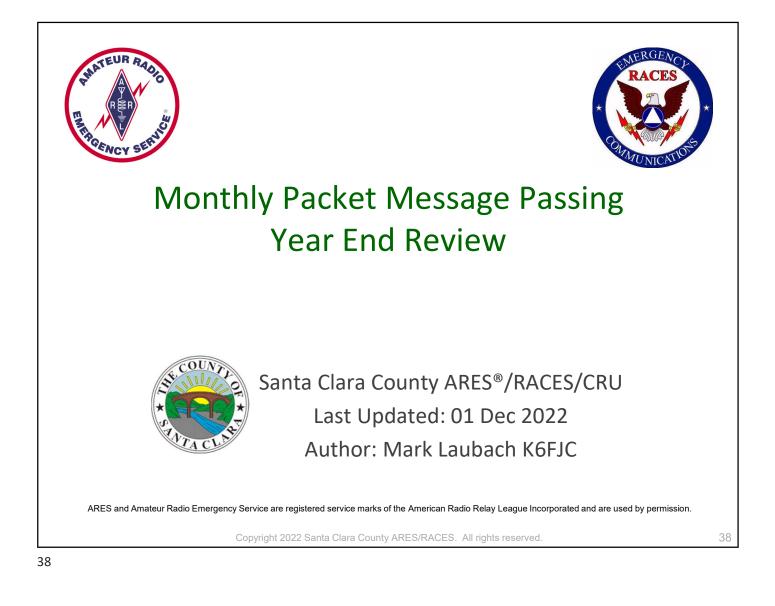




Multi-Year Comparison							
	2018	2019	2020	2021	2022		
Total Messages	2116	2844	3138	3226	3200		
% Correct	93.2%	93.7%	95.5%	96.6%	88.4%		
Unique Calls	25.5	29	31	30	27.4		



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Overview

- Starts 3rd Wednesday of each month at 09:00 until the 4th Wednesday at 17:00
 - Participants can proceed at their own pace
- Participants are assigned a tactical call number
 - XX is a range from "01" to "99"
 - Tactical callsign is XND042, message prefix is X42-nnn(P|M|R)
- Scenario varies: check point, post, shelter, clinic, etc.
- Specific assignments of participants to tactical call is private
 - Anonymous participation and recording
- URL download used for simulating being handed a message by your manager
- XSC notices and XND@XSC city notices exercised every month
- Exercise starts for each participant with a successful Check-In
- Exercise ends with sending the ICS-309 via email
- Xanadu EOC Outpost script is picky about subject lines

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2022 Global numbers (approximate) as seen from
Xanadu EOC Outpost ICS-309 for each event

Month	Packet Stations	Total Messages	Total Message minus Delivered	Avg Message per Station
January	38	1146	575	15.1
February	28	980	520	18.6
March	27	764	394	14.6
April	23	698	369	16.0
May	25	717	387	15.5
June	19	469	247	13.0
August	19	467	251	13.2
September	23	497	258	11.2
October	22	464	236	10.7
November	21	580	322	15.3
	24.5 average	6782 total	3559 total	
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I

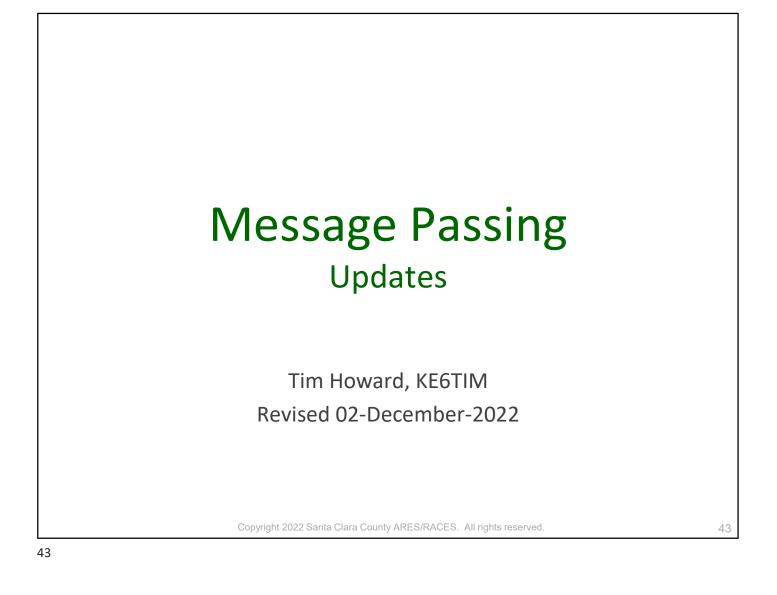
Month	ICS 213	EOC 213R R	RAC ES- MAR	Shelt Stat	csv	Plain text ^[1]	Allied Health Facilities Status
January	83	42	40			94	
February	116	35			30	72	
March	62	38			30	46	
April	23	56			50	24	
May	45	11			27	46	
June	43	18			17	16	
August	18		19	21		15	
September	20	40	19				20
October	41				20	29	
November	67	41	19		19	21	

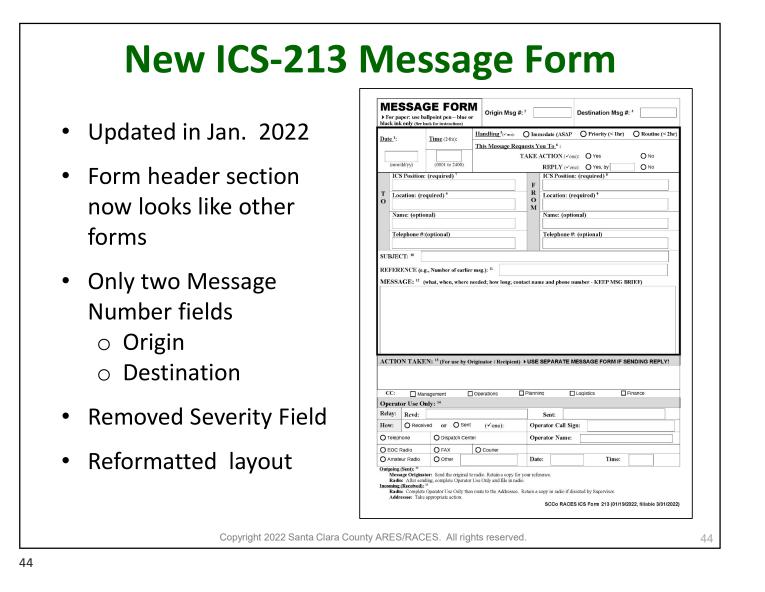
Summary

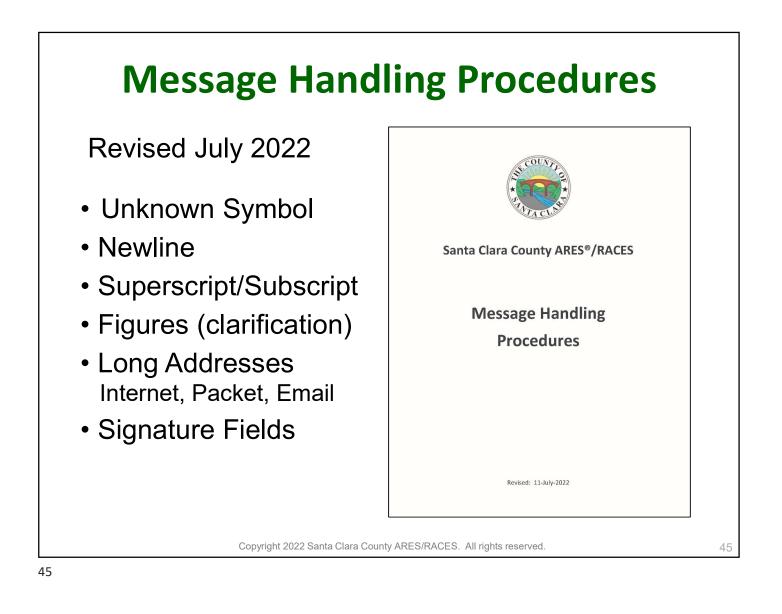
- We are exercising the county BBSs each month
- We are rotating forms used
 - Note: short this year on Jurisdiction Status, Shelter Status, Allied Health
- Participants can sign up stating mode of operation
 - Primary: using their normal packet station
 - Alternate: field set-up different from Primary location
 - Could be kitchen table
 - Manual: run entire practice without using Outpost
 - Required demonstration for the P2 credential
- Monthly Packet Message Practice will continue in 2023
- Monthly practice <u>training page</u>
 - General event information and how-to's
 - Summary of past months: summary presentation and scorecard
- Credential update will require participation (after 6 months)

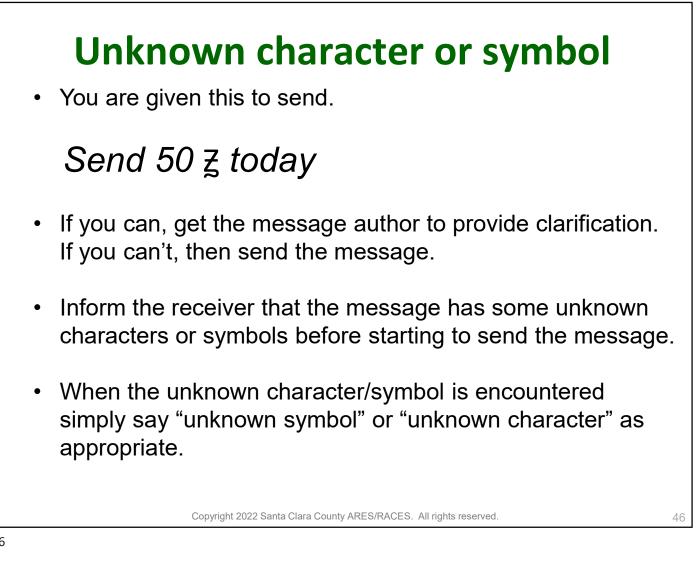
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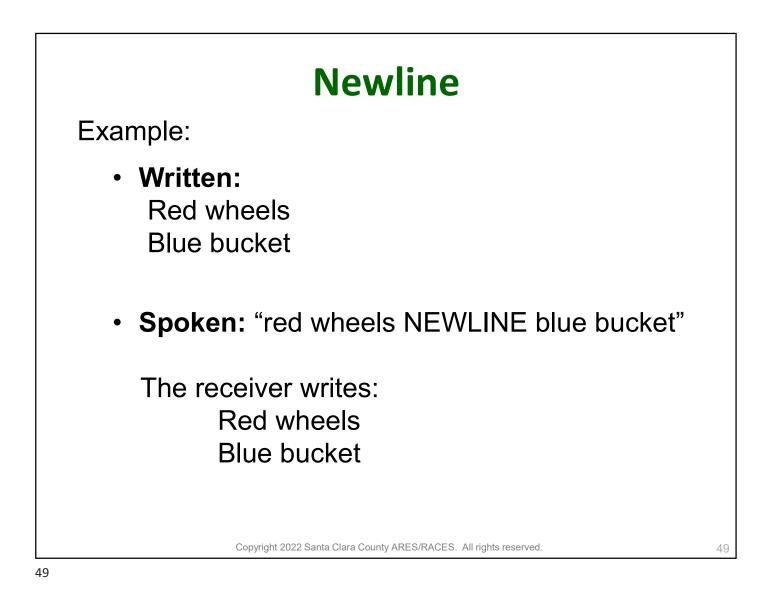


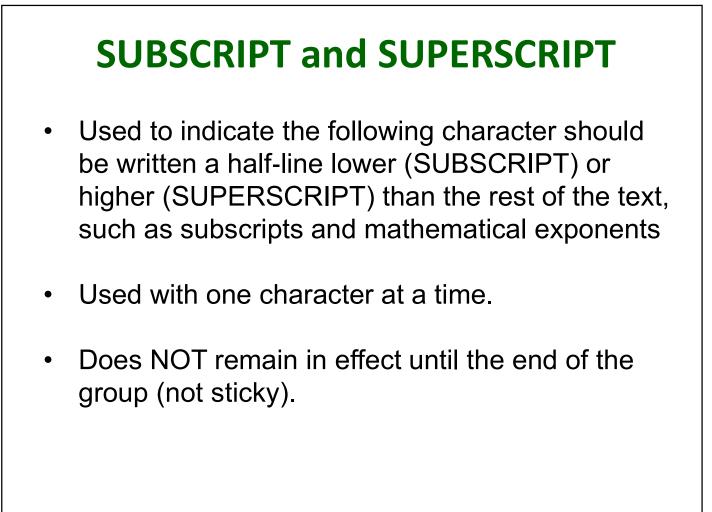




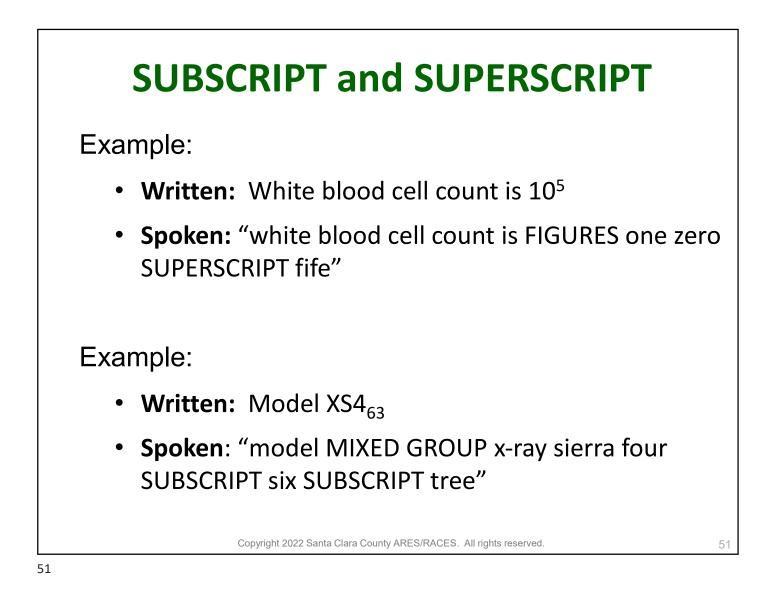
Unknown character or symbol Example:	
• Written: Send 50 g today	
 Spoken: "send FIGURES fife zero <pause> UNKNOWN SYMBOL <pause> today"</pause></pause> 	
The receiver draws an empty box on their message forn where the unknown symbol would appear.	ו
Send 50 🗌 today	
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Unknown character or symbol
Example:
 Written: We can use AB§δ instead
 Spoken: "We can use MIXED GROUP alpha bravo UNKNOWN SYMBOL UNKNOWN SYMBOL <pause> instead"</pause>
The Receiver writes: We can use $AB \square \square$ instead
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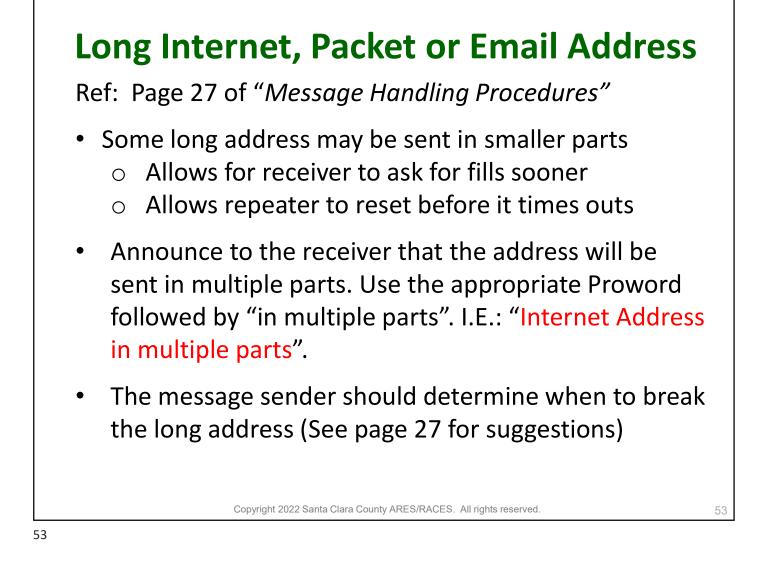


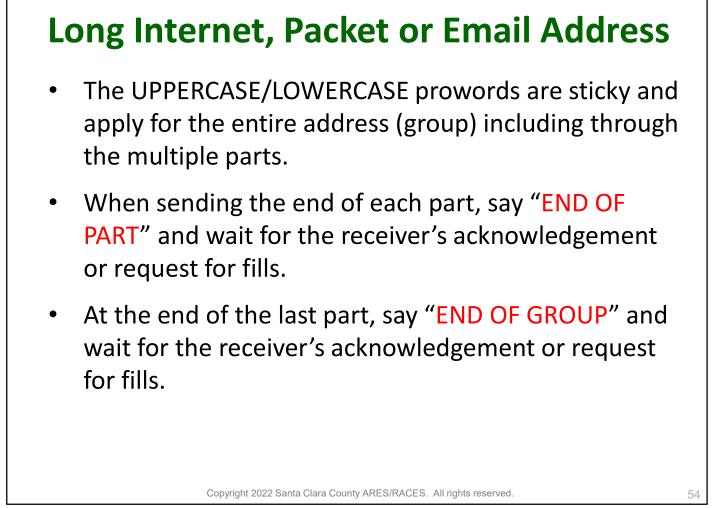


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Figures	
 If <u>anything</u>, other than a numeral is present, it becomes a MIXED GROUP, MIXED GROUP FIGURE(S), or MIXED GROUP SYMBOL(S). 	
• These are figures: 5 123 34564321	
 There are NOT figures: 	
 147.525 Mixed Group Figures 	
 -26 Mixed Group Symbol 	
 5,357 Mixed Group Figure 	
 \$61 Mixed Group Symbol 	
 408 555 1234 Telephone Figures 	
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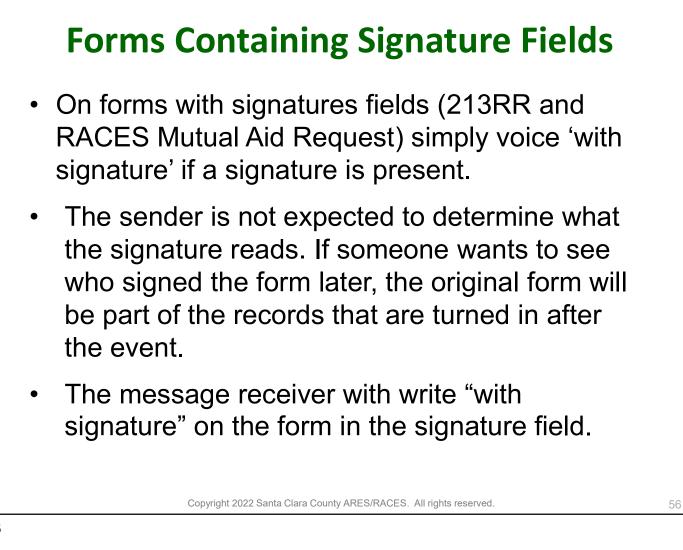
Example:

Written: www.scc-ares-races.org/operations/forms/SCCo-ARES-RACES_MM_Summary_v180705.pdf

Spoken: *"INTERNET ADDRESS IN MULTIPLE PARTS* <pause> whiskey whiskey whiskey *DOT* sierra charlie charlie dash alpha romeo echo sierra *DASH* romeo alpha charlie echo sierra *DOT* oscar romeo golf *SLASH LOWERCASE* oscar papa echo romeo alpha tango india oscar november sierra *SLASH* foxtrot oscar romeo mike sierra *SLASH <pause> END OF PART <wait for acknowledgement> UPPERCASE* sierra charlie charlie *LOWERCASE* oscar *DASH UPPERCASE* alpha romeo echo sierra *DASH* romeo alpha charlie echo sierra *UNDERSCORE* mike mike *UNDERSCORE* sierra *LOWERCASE* uniform mike mike alpha romeo yankee *UNDERSCORE* victor *FIGURES* one eight zero seven zero fife *DOT* papa delta foxtrot <pause> *END OF GROUP*"

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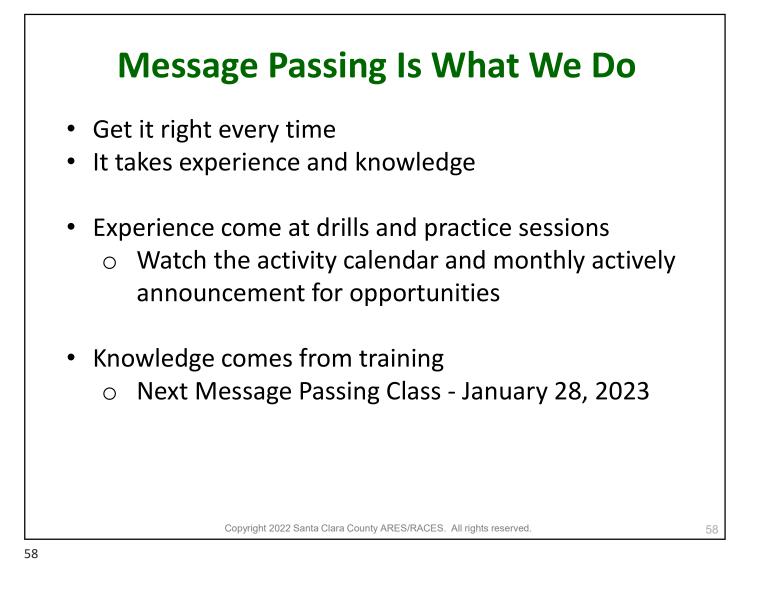
55

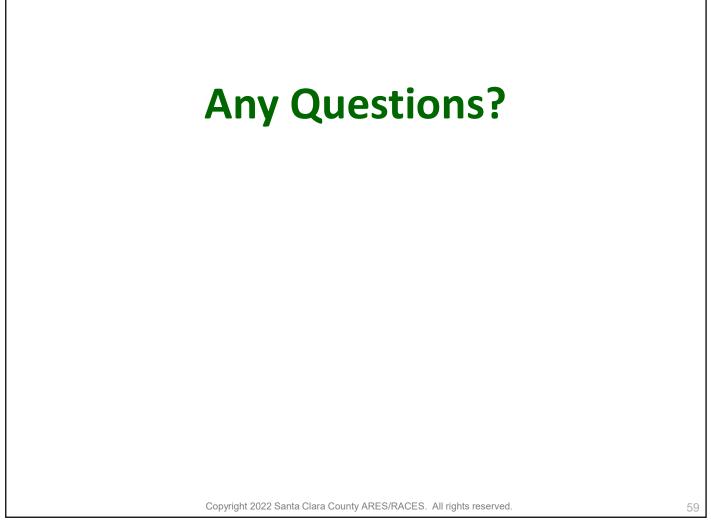


Recommended Form Routing Sheet

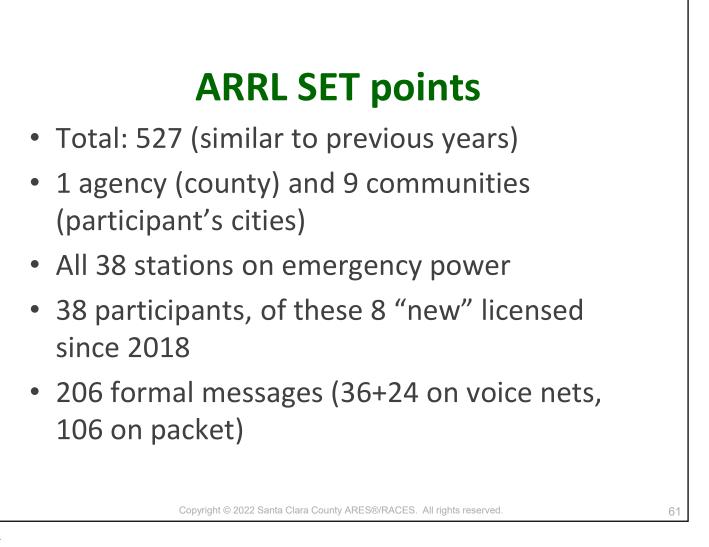
- Have several copies with you.
- Help message authors with Handling Order, To Location, and To ICS Position if they do not know it.

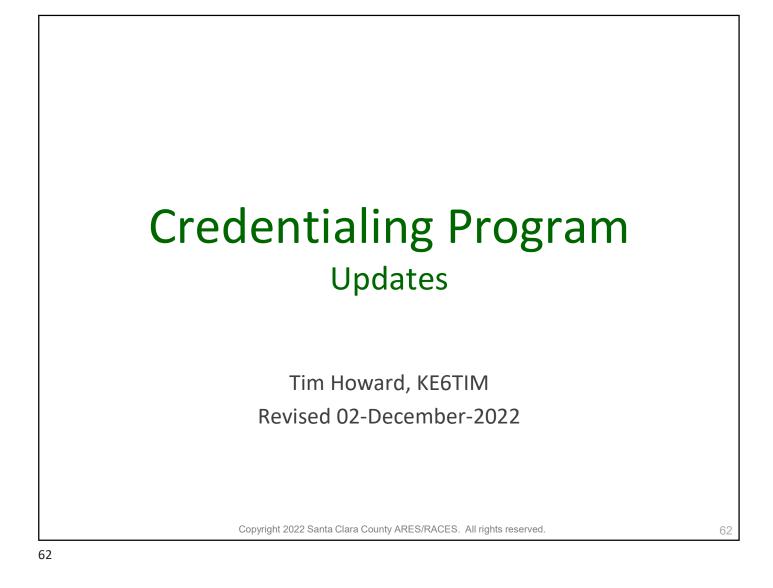
Form Type	Handling		To Location **	To ICS Position **
General EOC				·
ICS-213 Message Form	Author de	efined	Author defined	Author defined
	If "Priority" (Field 11) is:	Then "Handling" is:		
	Now	Immediate (ASAP)	1	
EOC-213RR Resource Request	High (0-4 hrs)	Immediate (ASAP)	County EOC	Planning Section
	Medium (5-12 hrs)	Priority (<1 hr)		
	Low (12+ hrs)	Routine (<2 hrs)]	
OA Jurisdiction Status	Immediate	(ASAP)	County EOC	Situation Analysis Unit Else: Planning Section
OA Shelter Status	Priority (<1 hr)	For city-managed: City EOC For county-managed: County EOC	Mass Care and Shelter Unit Else: Care and Shelter Branch Else: Operations Section



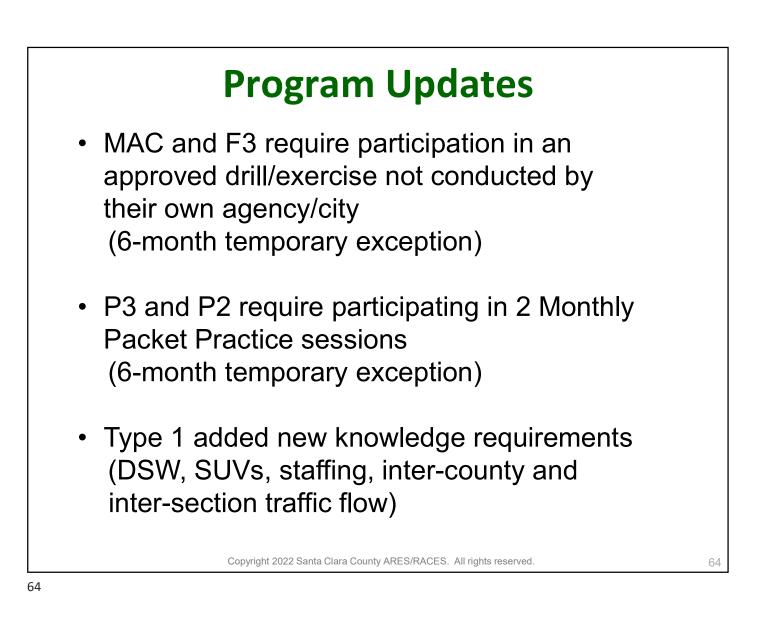


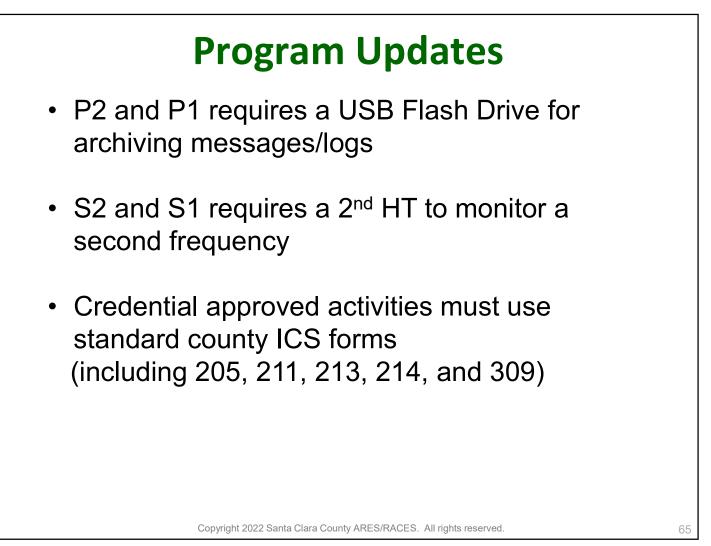


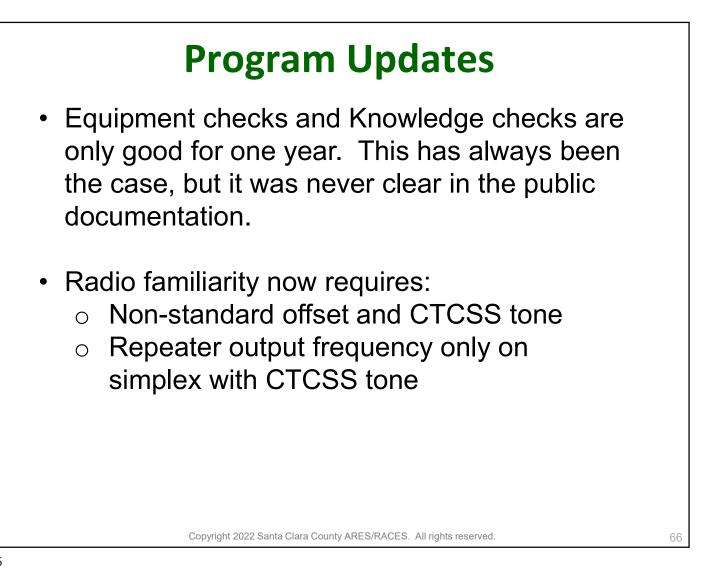




Program Updates	
 The "Credentialing Program Handbook" was updated 11-November-2022. 	
 Changes based on clarifications and issues noted since the last update in January 2020. 	
 Observations at drills and public service events that were inconsistent with good communication practices. 	
 Effective for all future credential activities with some exceptions we will discuss. 	
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Credentials and Endorsements Earned

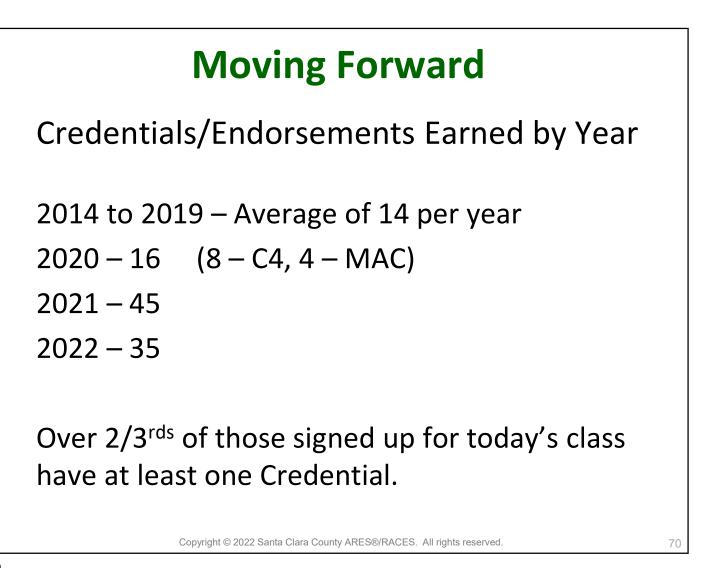
Click on an event title for more detail	
Saturday, December 10 ^	ALERTS
9:00 AM 2022 End of Year Updates	Frequency Lists: County Voice, County Packet, Regional
Saturday, December 17	Frequency Lists. County voice, County Facket, Regional
9:00 AM County EOC Radio Room Orientatic	SERVICES
Tuesday, December 20	Overview CANADA
8:30 PM Training Net - Message Passing Pra	
Wednesday, December 21	Emergency Management: Op Area EOC, Jurisdiction EOCs, Credentialing, Mutual Aid
9:00 AM Monthly Packet Message Passing E:	Agencies and Community: Allied Health, County Fire, Hospitals,
Saturday, January 7	TACED A RACED A
2:00 AM Field Operations Type III, Part A	OPERATIONS
Saturday, January 7	Activation Info, Contact Info, DSW, Forms & Signs, Frequency Lists, Go Kit, Mutual Aid, Nets, Programs (Credentialing Program, Hospit
3:00 AM Los Altos Fun Run	Net), Standards & Procedures, Monthly EC report, More
Saturday, January 28	
2:00 AM Message Passing - Tabletop	DATA NETWORKING
our Training & Events System	Access: AX.25 over VHF, AX.25 over IP/UDP, TCP/IP over UHF, TCP/IP over Mesh, TCP/IP over WiFi, TCP/IP over LAN
DRILL/EVENT PICTURES	CREDENTIALS
DRILL/EVENT PICTURES Masked Pumpkin Festival Parade, Drill	Earned Credentials
and the second	
 Masked Pumpkin Festival Parade, Drill 10/12/20 (PDF) Radio Direction Finding Drill, 10-10-19 	Earned Credentials
 Masked Pumpkin Festival Parade, Drill 10/12/20 (PDF) Radio Direction Finding Drill, 10-10-19 	Earned Credentials Details: Overview, Documentation, Forms, Records, Training, Support, Management
Masked Pumpkin Festival Parade, Drill 10/12/20 (PDF)	Earned Credentials Details: Overview, Documentation, Forms, Records, Training, Support, Management TRAINING & EVENTS

		ed by Type		
Credential	Field Operator	Net Control	Packet Operator	Shadow
Type I	4	6	0	5
Type II	15	11	12	8
Type III	39	28	30	16
Type IV	lorsements E	58 arned	}	
Type IV	lorsements E Endorseme	arned	Earned	
Type IV		arned		
Type IV	Endorseme	arned nt cator (MAC)	Earned 37	
Type IV	Endorseme ual Aid Communio	arned Int cator (MAC) Operator (Pend	Earned 37	



- In January of 2020 the old MAC program was changed to the Credential Program and open to all.
- Then COVID hit and things ground to a halt.
- Things are moving again.

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EOC Radio Room Endorsement

- Pilot orientation class conducted in February 2022 with 7 people as a dry run
- Scheduled for December 17 next week
- SCCo EOC Orientation class schedule
- EOC RACES Unit Leader Endorsement
 - Pilot class at end of 1st quarter 2023
 - Will be open to small group of those holding or nearing completion of EOC Radio Room Operator Endorsement

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Dispatching Resources

We have these communication jobs to fill

- Packet Operator at a small shelter
- Communicator for a Hospital
- Net Control Operator and scribe for a busy net

The person in charge has these 7 resources:

Bob Johnson, Sally Wren, Patrick Sommers, Betty Rothberg, Teng Wang, Aadeep Singh, Sal Cruz

Who do they select for each assignment?

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Become a Credentialed Operator

- 1. Resource Typing
 - Available communications capabilities are defined by role and capability levels
 - Requests for amateur radio resources can be clearly made using the resource types
- 2. Qualified Operators
 - Served agencies know that the resource they receive has the needed capabilities
 - Amateur radio operators know what capabilities are expected from them

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 The credentialing process identifies which operators have the necessary training, equipment, knowledge, experience and operational ability to perform the duties of a particular resource type.

Make it your new years goal To earn a new Credential in 2023!

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