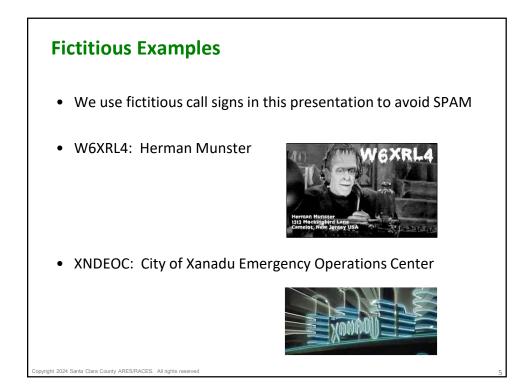
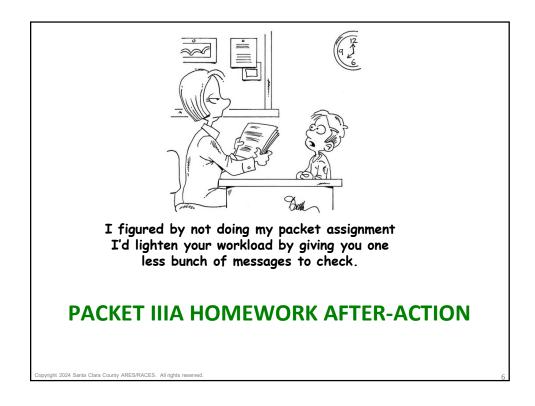


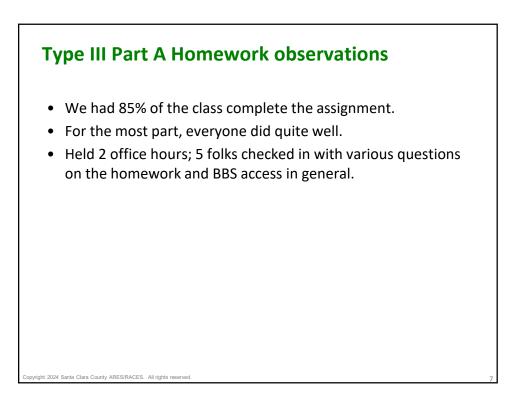
Learning Objectives

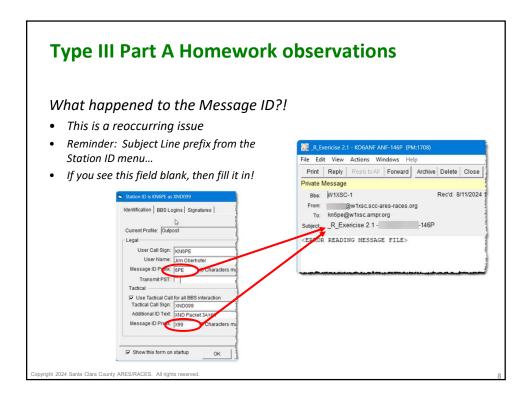
At the end of this class, you should know how to:

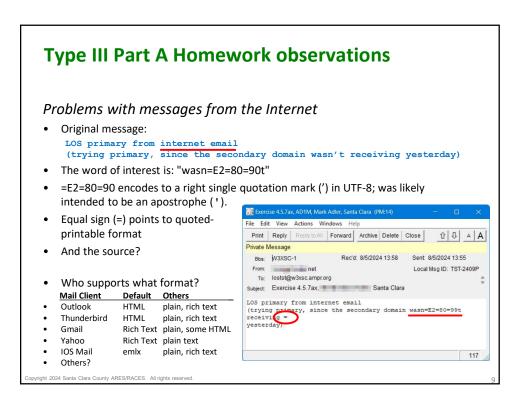
- Verify the setup of an existing packet station
- Select a BBS and connect to it
- Create a message with Outpost and PackItForms
 - Properly format the subject line
 - Send a proper check-in message
- Retrieve SCCo notices and send local notices
- Produce event documentation for archiving
- Conduct packet messaging field operations

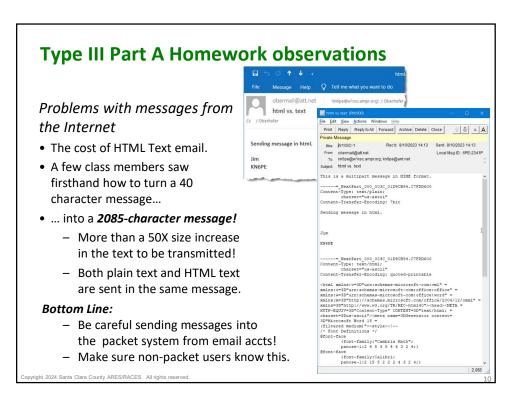




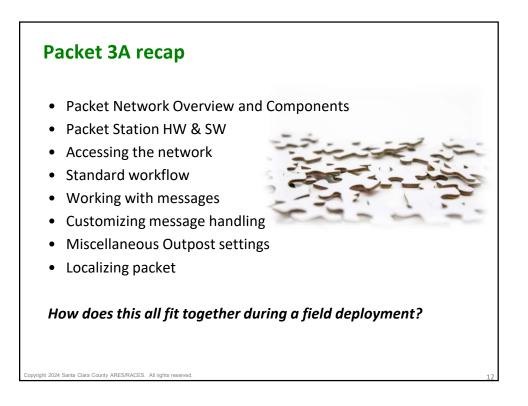


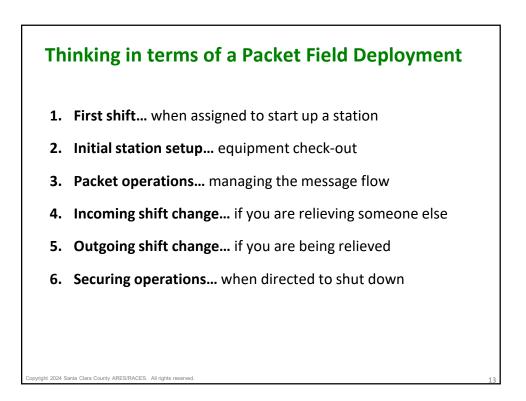




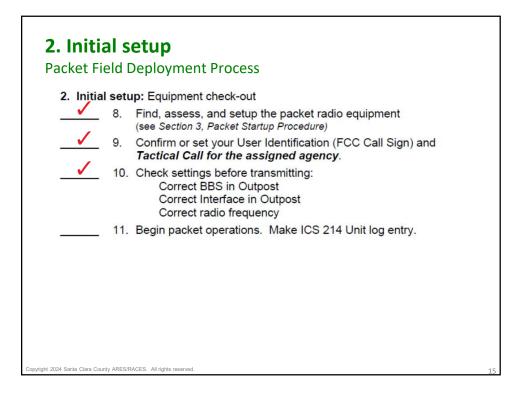


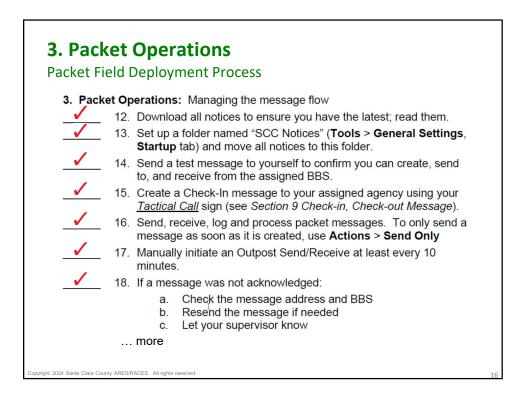


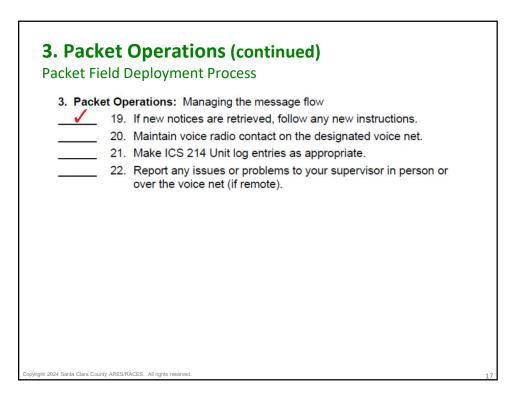


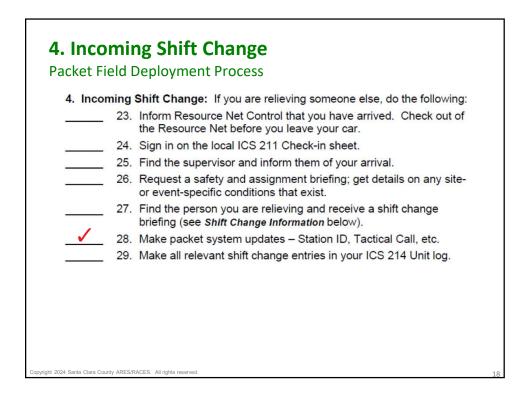


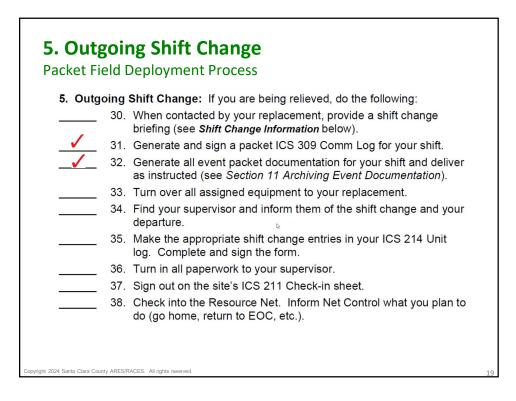
1. First	Sł	nift
Packet Fi	eld	Deployment Process
1. First S	Shift	: Establishing a packet station
	1.	Inform Resource Net Control that you have arrived. Check out of the Resource Net before you leave your car.
	2.	Check into the assigned voice net before you leave your car. Start an ICS 309 Comm Log for the voice net.
	3.	Make an ICS 214 Unit log entry.
	4.	Sign in on the site's ICS 211 Check-in sheet.
	5.	Find the supervisor and inform them of your arrival.
_/	6.	Request a safety and assignment briefing; get details on any site- or event-specific conditions that exist. You need to know:
		 a. Supervisor's Name b. Activation Number c. Operational Period d. ICS Location e. Your Tactical Call and Message ID Prefix f. BBS to use g. Band and frequency h. Primary and secondary packet addresses for any preferred destinations
iaht 2024 Santa Clara Care	7 .	Find and establish the workspace to set up packet operations.

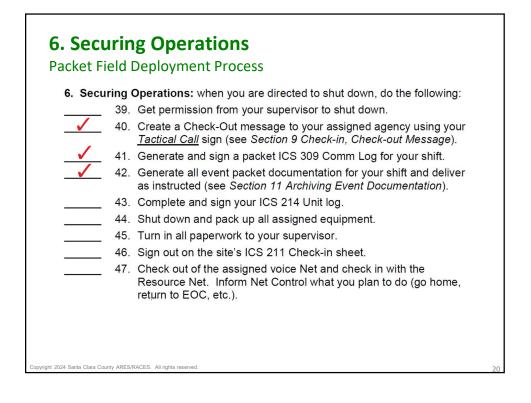


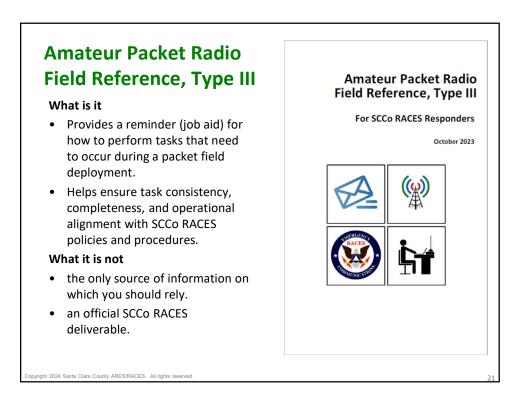


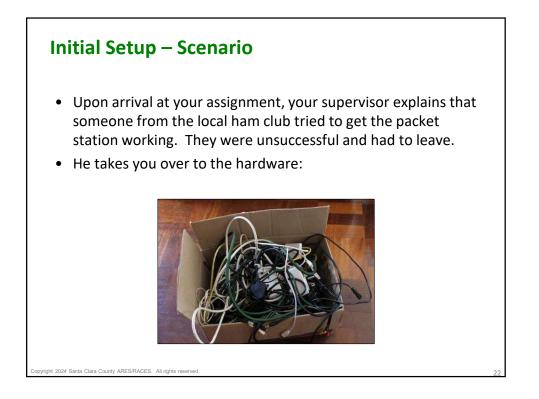


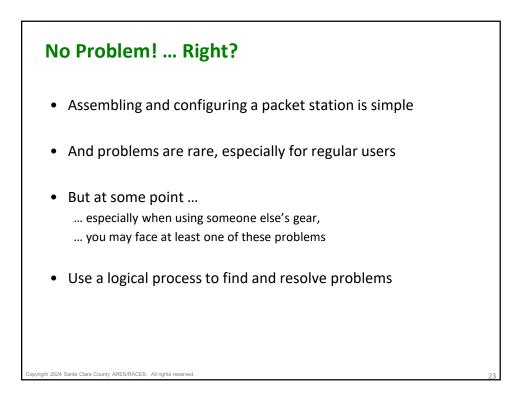


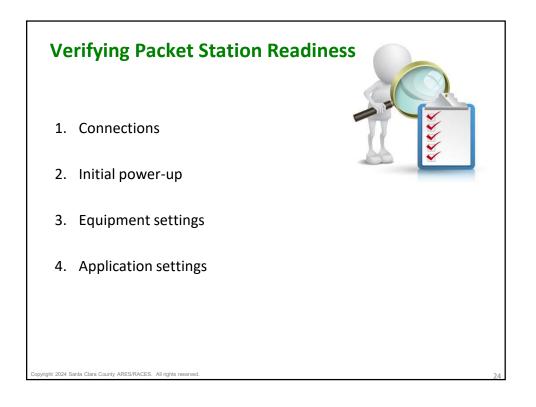


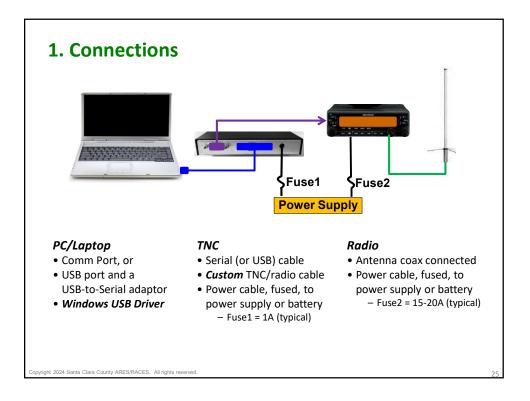


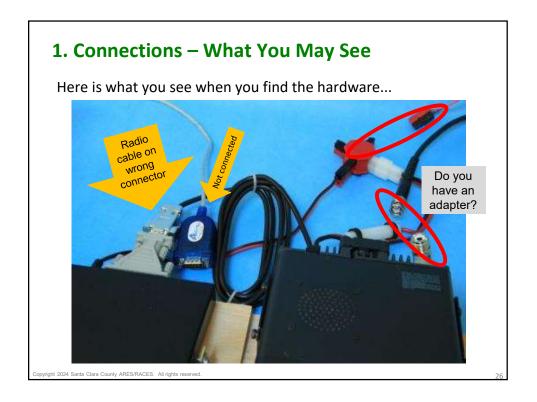


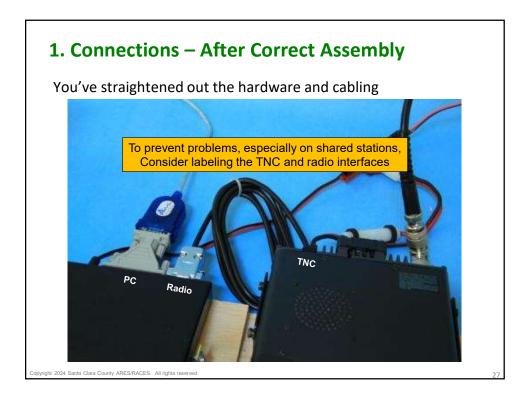


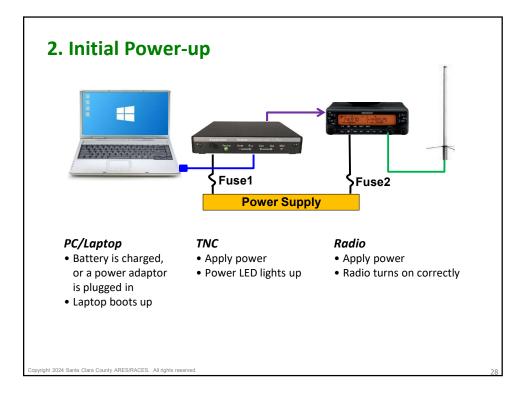


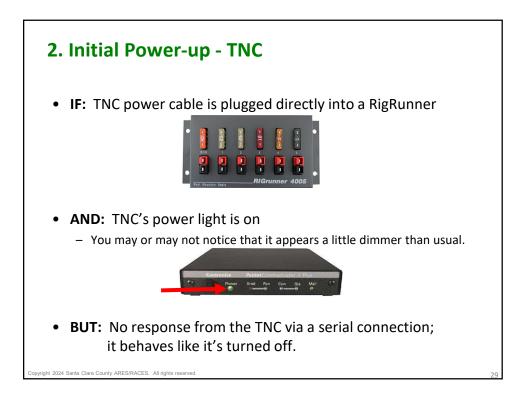






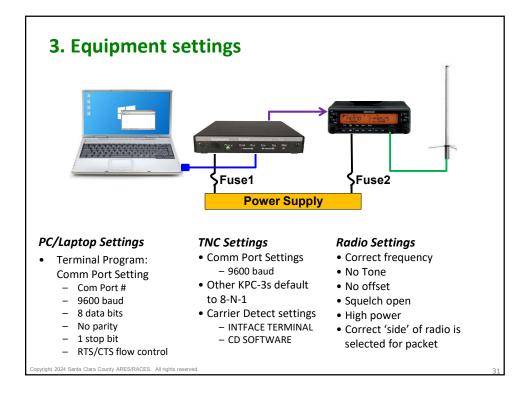


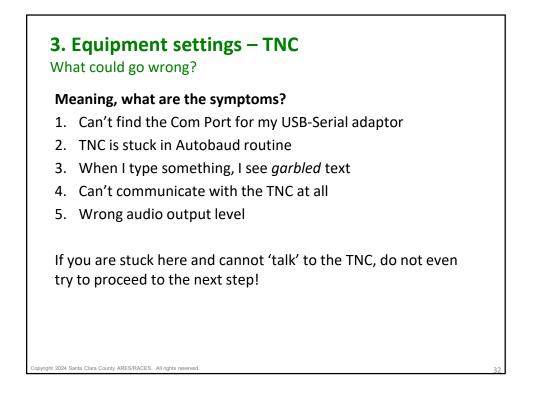


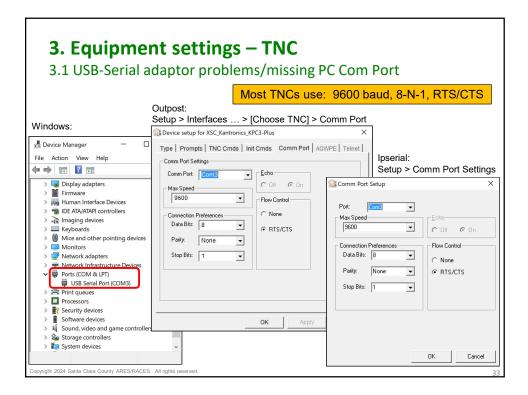


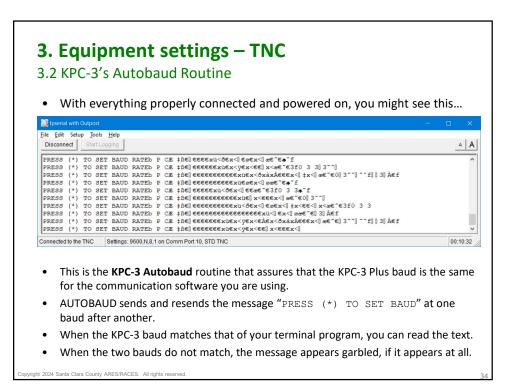
2. Initial Power-up - TNC

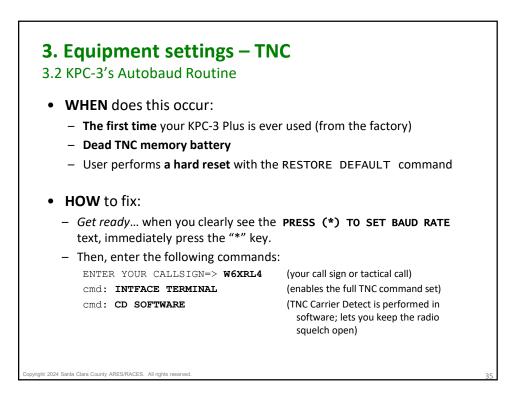
- THEN: It probably IS off!
- Check the RigRunner. Is there a red light on behind the fuse?
 - Replace the fuse
 - RigRunner lights an LED behind the fuse when the fuse is burned out
 - But the current needed to power the fuse LED is just barely enough to light the power light on the TNC (dimly)!
- Or, try another port on the RigRunner.
 - Your model may not have an LED light or it may not be working
- Or, try another power cord
- Avoid blowing a fuse:
 - ALWAYS plug the power cord into the TNC first, then into the power source.
 - This avoids the chance of the TNC power connector plug tip touching the TNC chassis, thereby shorting positive to ground, and blowing the fuse

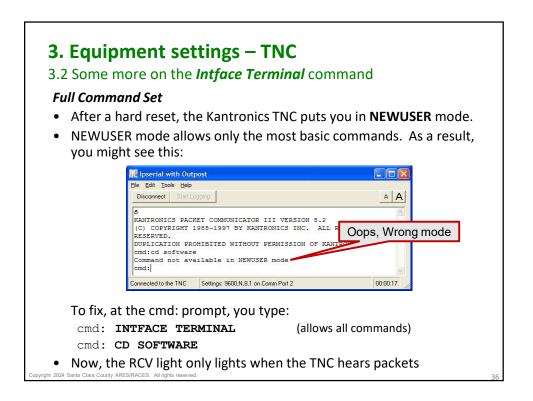


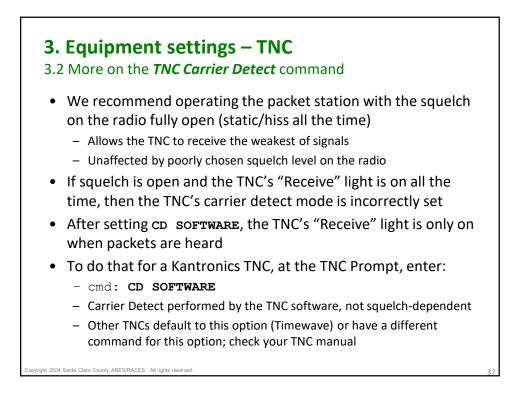


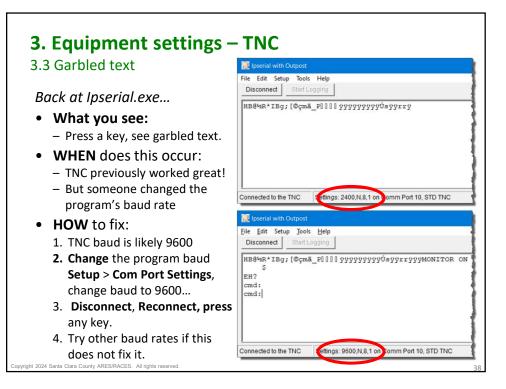


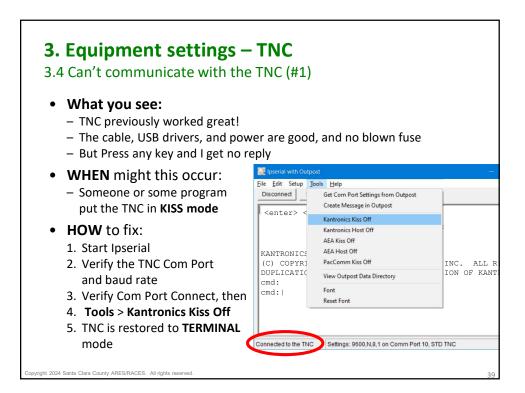


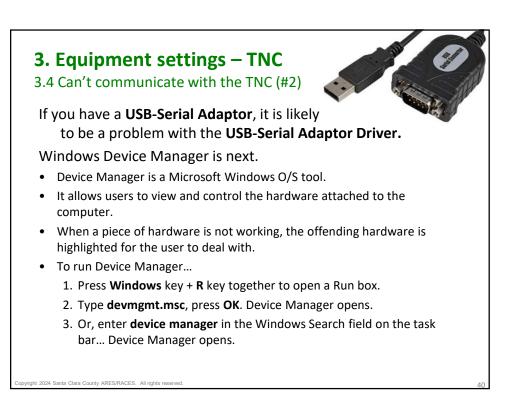


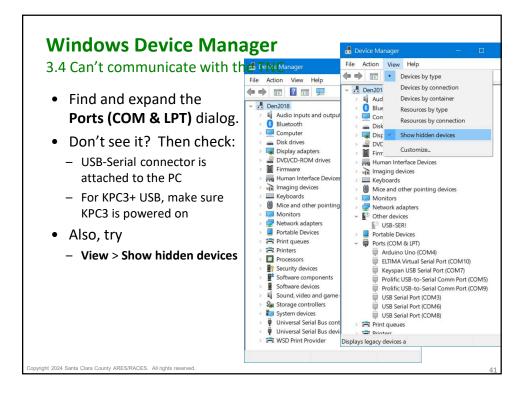


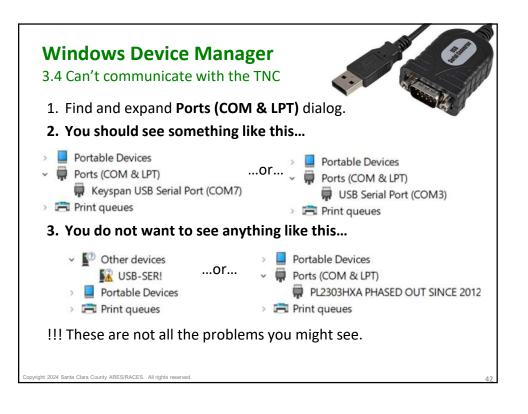


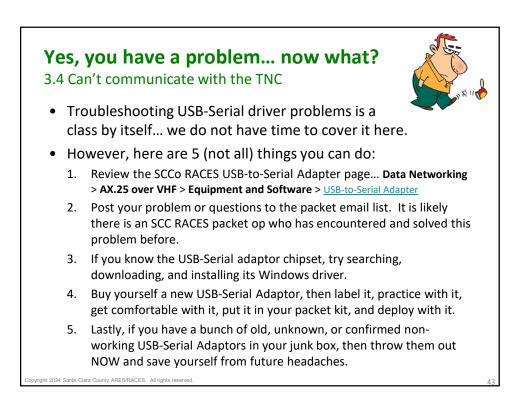


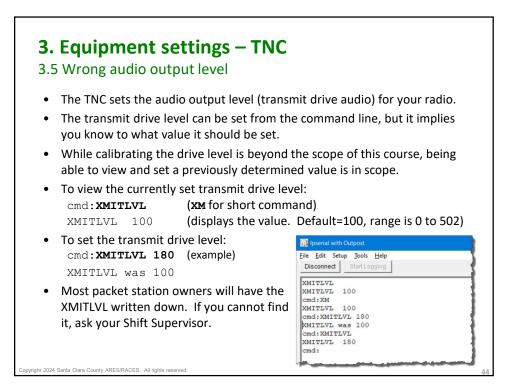




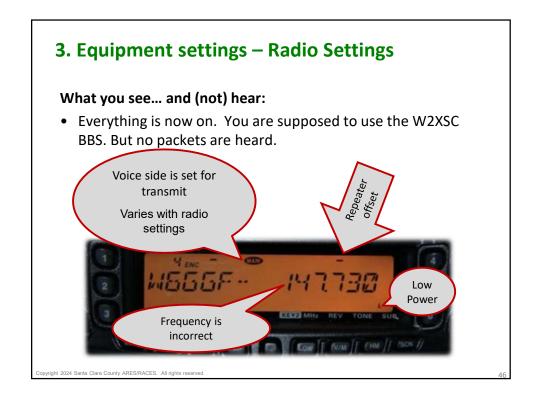


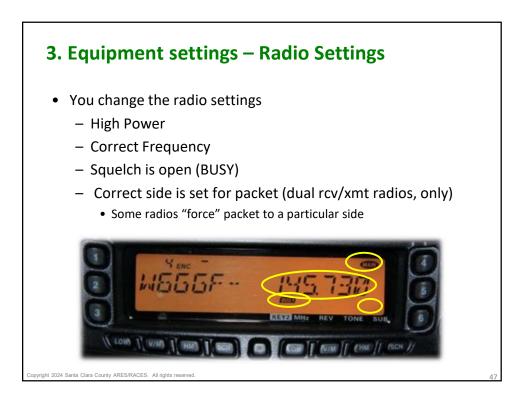


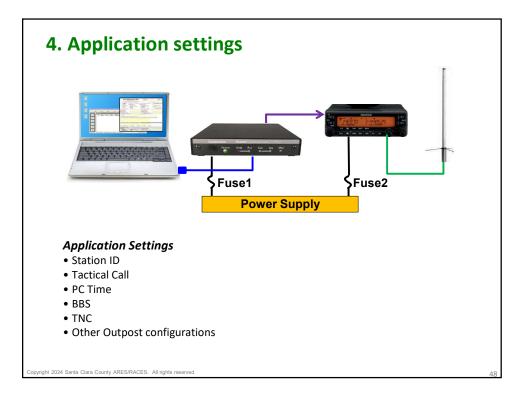


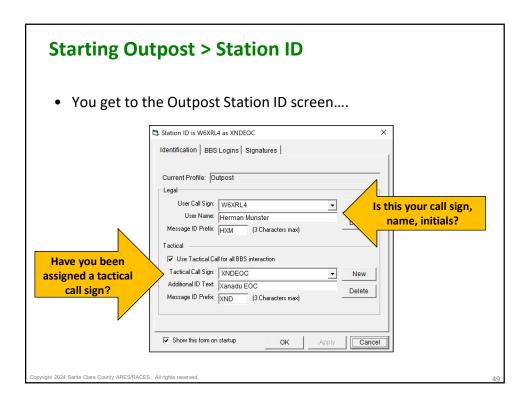


lco th				
lco th				
126 111	e corre	ct frequency for	vour n	rimary or secondary B
Call Sign	AX.25		BBS-BBS	
			003-003	
W1XSC	W1XSC-1	145.750, 223.620, 433.570		Santa Clara Co Office Bldg (San Jose)
W2XSC	W2XSC-1	145.730, 223.560, 433.590		Crystal Peak (South County)
W3XSC	W3XSC-1	144.310, 223.540, 433.450		Palo Alto
W4XSC		145.690, 223.600*, 433.550 p://www.scc-ares-races.or		Frazier Peak (above Milpitas) cket-freqs.html
	http		g/freqs/pac	cket-freqs.html
he sa	http	p://www.scc-ares-races.or	g/freqs/pac	cket-freqs.html
he sa	http me info encies are	p://www.scc-ares-races.or	g/freqs/pac able as	cket-freqs.html
The sa	http me infc encies are Sign AX.25 W1XSC W2XSC	D://www.scc-ares-races.or Drmation is availa in MHz. Connect User Access -1 145.750, 223.620, -1 145.730, 223.620	g/freqs/pac able as	a packet notice
he sal	http me infc encies are Sign AX.25 W1XSC W2XSC W3XSC	D://www.scc-ares-races.or Drmation is availa in MHz. Connect User Access -1 145.750, 223.560, -1 144.310, 223.540, -1 144.310, 223.540,	able as	BBS-BBS Forwarding



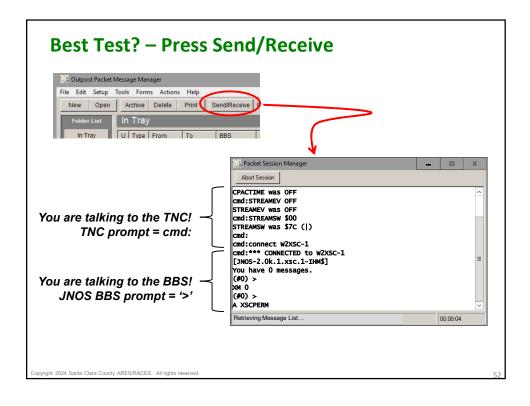


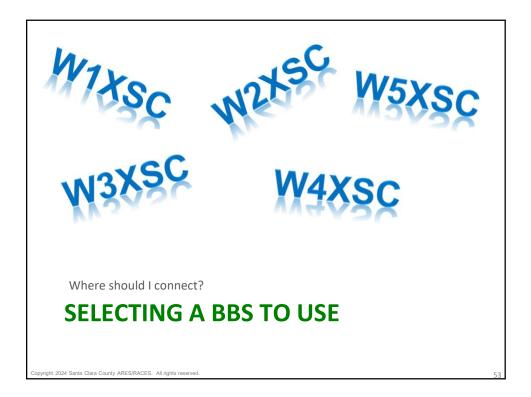


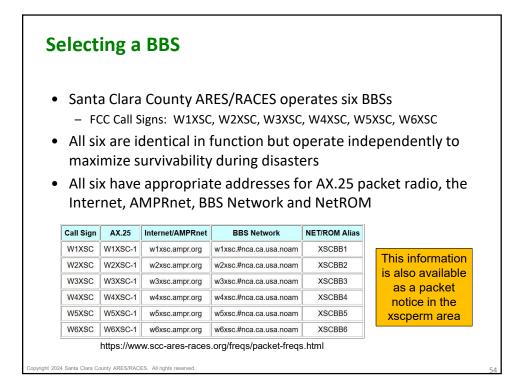


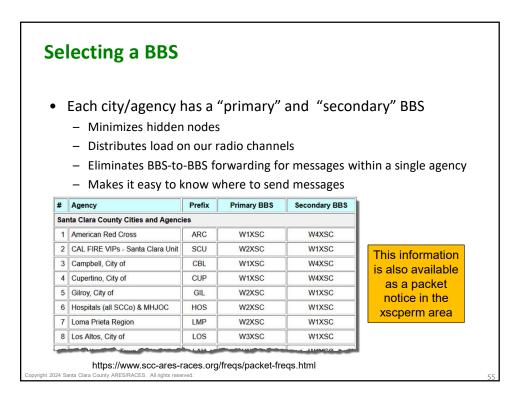
Outpost PC Time Check
Your PC's current time Monday, 19-Sep-2022 11:37:38 Is the date and time correct?
If the Date or Time is incorrect, then press Update and set the correct date and time for your PC.
Correct date and time is important! It will be used in a variety of places. Verify each time you start up.
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Checking the BBS and TNC settings		
Outpost Packet Message Manager File Edit Setup Tools Forms Actions Help	-	n x
New Open Archive Delete Print Send/Receive Profile: Outpost		
Folder List In Tray		
In Tray U Type From To BBS Local ID Subject Out Tray Out Tray Image: Contrast of the second	Date/Time	e Size
Item:: 0 Unread: 0 W6XRL4 as XNDE0C - XSC_W3KSC-1 - XSC_Kerwood_TM-07104 (Com3)	00:00:00) 16:08:41
 but you were assigned to W2XSC and you have a KPC-3 After setting the BBS and TNC, we are ready to go. 	+ TNC	
G Outpost Packet Message Manager	-	o x
File Edit Setup Tools Forms Actions Help		
New Open Archive Delete Print SendReceive Profile: Outpost		
New Open Archive Delete Print SendReceive Profile: Outpost Folder List In Tray U Type From To BBS Local ID Subject Out Tray Out Tray Enclose From To BBS Local ID Subject	Date/Time	e Size
Folder List In Tray U Type From To BBS Local ID Subject		e Size







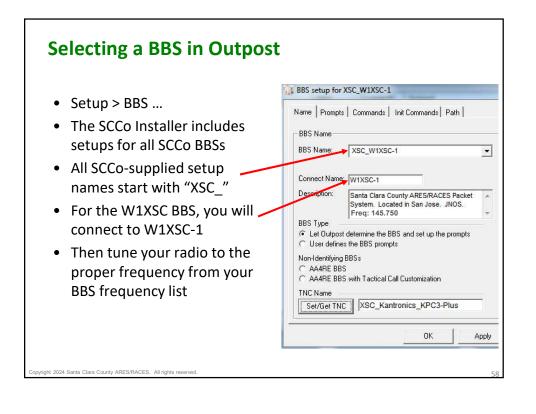


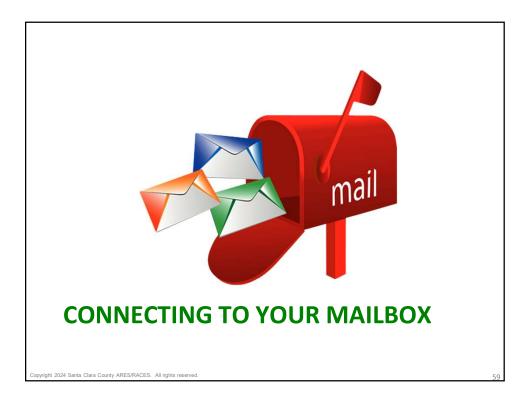
Selecting a BBS

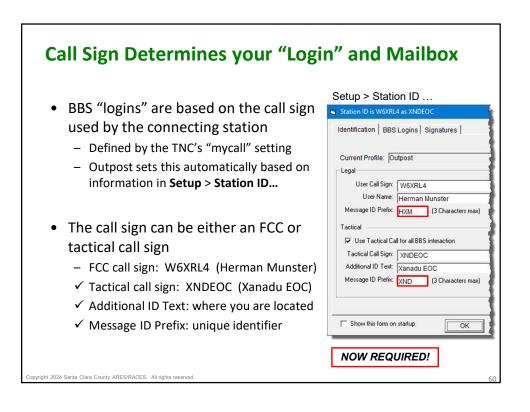
- Connect to the primary BBS whenever possible
- Otherwise, connect to your secondary BBS
- Otherwise, connect to whatever BBS you can reach
- Access frequencies
 - EOCs should use 1.25m (220) whenever possible, because ...
 - Most individual users will be on 2m or 440
- Action Items
 - Print out and keep a copy of the Packet Frequencies and BBS Listing page in your go kit (maps cities to Tactical Calls to BBSs)
 - Keep a copy of the equivalent packet notices in an Outpost folder
 - Know your own primary and secondary BBS call signs!

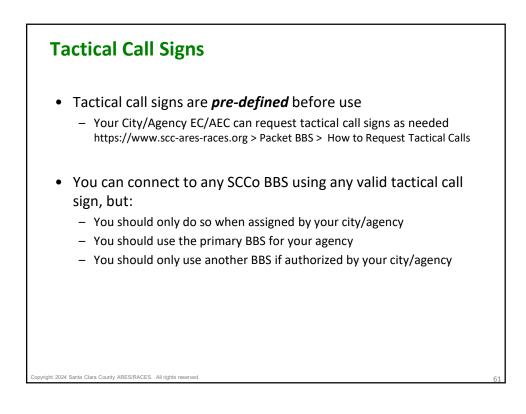
Call Sign AX.25 User Access BBS-BBS Location W1XSC W1XSC-1 145.750, 223.620, 433.570 Santa Clara Co Office Bldg (Santa Clara Co Offi	n Jose)
W2XSC W2XSC-1 145.730, 223.560, 433.590 Crystal Peak (South County) W3XSC W3XSC-1 144.310, 223.540, 433.450 Palo Alto W4XSC W4XSC-1 145.690, 223.600*, 433.550 223.600 Frazier Peak (above Milpitas)	n Jose)
W3XSC W3XSC-1 144.310, 223.540, 433.450 Palo Alto W4XSC W4XSC-1 145.690, 223.600*, 433.550 223.600 Frazier Peak (above Milpitas)	
W4XSC W4XSC-1 145.690, 223.600*, 433.550 223.600 Frazier Peak (above Milpitas)	
W5XSC W5XSC-1 varies varies Training, events, backup	
W6XSC W6XSC-1 varies varies Testing, backup	
 https://www.scc-ares-races.org/freqs/packet-freqs.html The AX.25 protocol uses an SSID (Secondary Station IDentifier): The "-1" following the call sign W1XSC-1 Allows more than one device, or more than one service on a devuse the same FCC call sign on the same frequency 	rice, t
The BBS mailbox function on all SCCo BBSs uses an SSID of 1	
To connect to your mailbox on an SCCo BBS using AX.25 packet rad connect to: W1XSC-1, W2XSC-1, W3XSC-1, W4XSC-1, W5XSC-1 or W6XSC-1	io, yc

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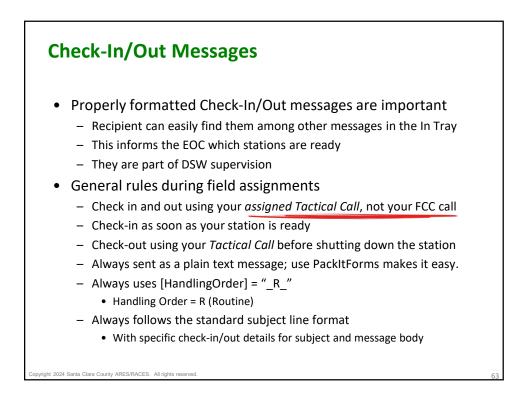






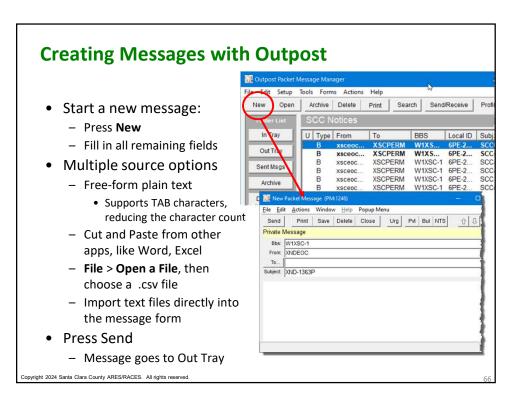


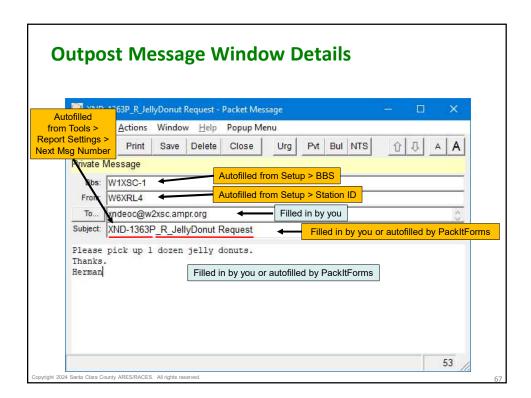




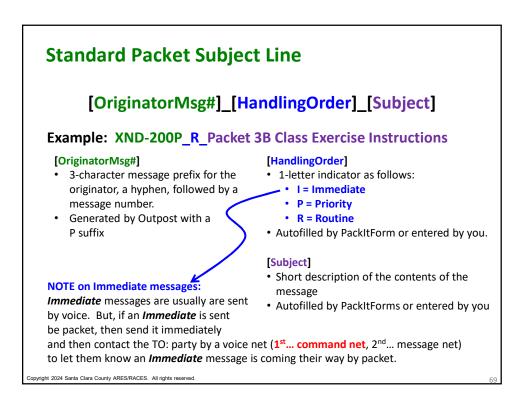
Check-In/Out: Pack	ItForms
Option for both check-irHandles FCC call signs a	
Correctly formats the su Station (Die WXRM4 as XVDF51 Vertification BBS Logins Signatures	Submit to Outpost Submit via Email Reset Form
Current Profile: Outpost Legal User Call Sign: Workstoff Y User Name weman Munster Message Drefic: [14, 4] (3 Characters max)	Message number: FS1-1772P ©Check In O Check Out Your Call Sign: W6KRL4 Name: Herman Munster V Use Tactical Call: X00F51 Name: Xanadu Station 1
Tactical IF Use Tactical Call for all BBS Interaction Tactical Call Sign: XMDFS1 Additional ID Text: yanadu Station 1 Message ID Prefix: FS1 (3 Characters max) Delete	File FS1-1772P_R_Check-in XNDFS1,Xanadu Station 1 (PM:342) File Edit Actions Window Help Send Print Save Delete Close Urg Pvt Bul N Private Message Bbs. W1XSC-1 KV1XSC-1 KV1XSC-1
Show this form on startup OK Apply Cancel	From: XNDFS1 From: XNDFS1 To XNDFS1 Subject: FS1-1772P_R_Check-in XNDFS1, Xanadu Station 1 Check-In XNDFS1, Xanadu Station 1 W6XRL4, Herman Munster
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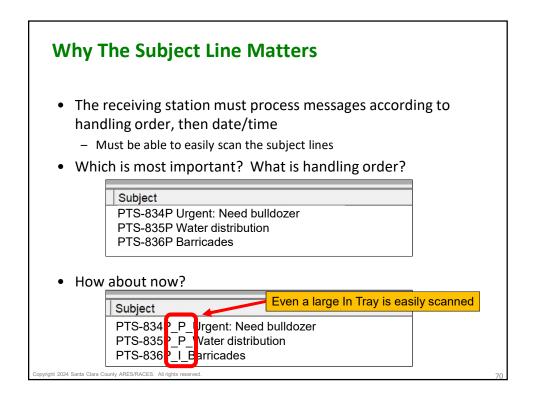


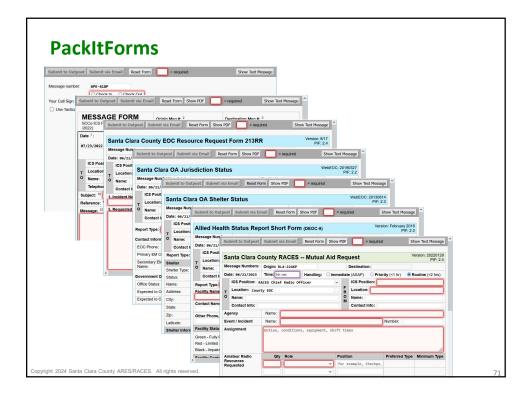




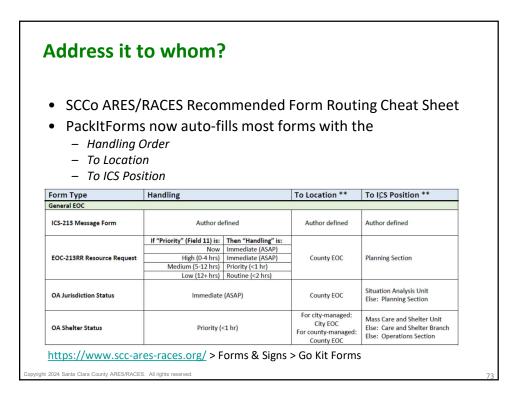
•					alam these data (times
	Prioriti	ze according	to nan	aling or	der, then date/time
	– Hand	lling order: Im	mediate	, Priority,	Routine
	– Use	Date/Time to p	rioritize	between	same handling order
		nately, the serv			•
	and the second second				
S	anta Clara C	ounty EOC Reso	urce Requ	lest Form 2	213RR Version: 8/17 PIF: 2.3
	anta Clara C essage Numbers:		urce Requ		
Me	essage Numbers: ate: 09/19/2022	Origin: FS1-1779P 2	Handling:		Z1 OKK PIF: 2.3 Destination:
Me	essage Numbers: ate: 09/19/2022 ICS Position: P	Origin: FS1-1779P 2 Time: 19:44		E	Z1 OKK PIF: 2.3 Destination:
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Me	ate: 09/19/2022 ICS Position: P Location: Count Name:	Origin: FS1-1779P 2 Time: 19:44		C Immediate (Z1 OKK PIF: 2.3 Destination:
Me Da	essage Numbers: ate: 09/19/2022 ICS Position: P. Location: Count	Origin: FS1-1779P 2 Time: 19:44		C Immediate (Z1 OKK PIF: 2.3 Destination:
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Me Da	ate: 09/19/2022 ICS Position: P Location: Count Name:	Origin: FS1-1779P 2 Time: 19:44		C Immediate (Z1 OKK PIF: 2.3 Destination:



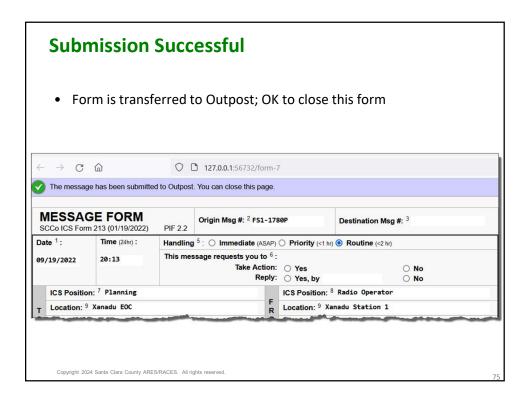


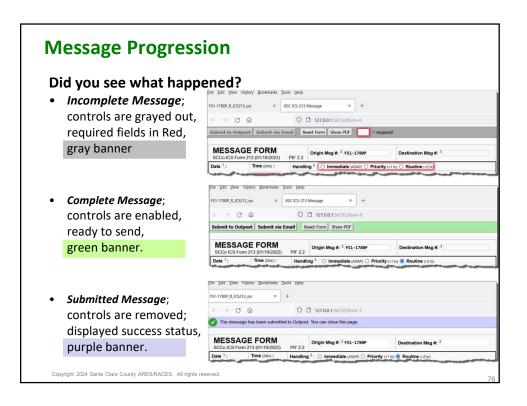


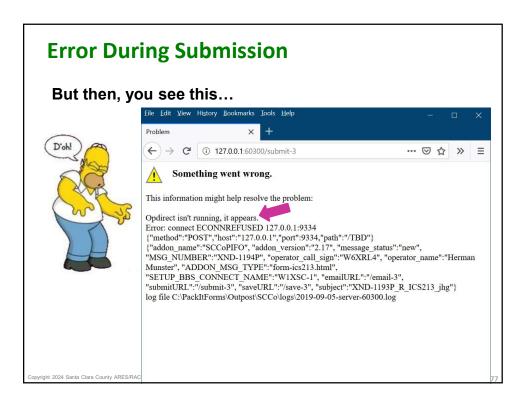
Creating a	PackItForms
Default wForm will	orm on Outpost's Forms drop down menu eb browser will start be displayed with fields to be completed
Cutpost Packet Message N File Edit Setup Tools F	orms Actions Help
New Open Arc Folder List In In Tray Out Tray Sent Msgs Archive	XSC Check-In/Out Message XSC CIC-213R Resource Request S Local ID Subject SC OA Submit to Outpost Submit Via Email Reset Form Show PDF required XSC OA XSC AII MESSAGE FORM Origin Msg #: ² 69E-2343P Destination Msg #: ³
Draft Msgs Deleted	XSC RA SCCo IGS Form 215 (0/1/19/2022) PIF 2.2 Generic Date 1: Time (2e/r): Handling 2 Immediate (xdur): Priority (x1tr): Routine (2tr) Generic Be/2e/r2e23 This message requests you to 6: This message requests you to 6: No CS Position: 7 CS Position: 8 No CS Position: 9 No
right 2024 Santa Clara County ARES/RACI	T Location: Loca

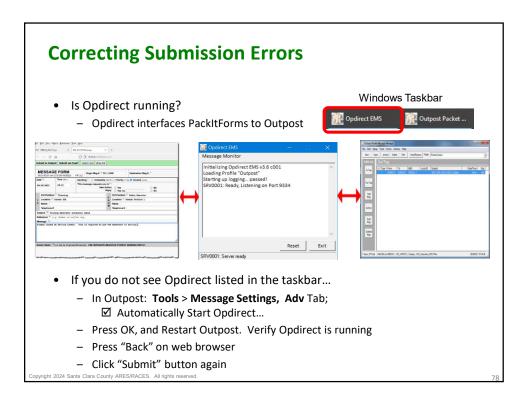


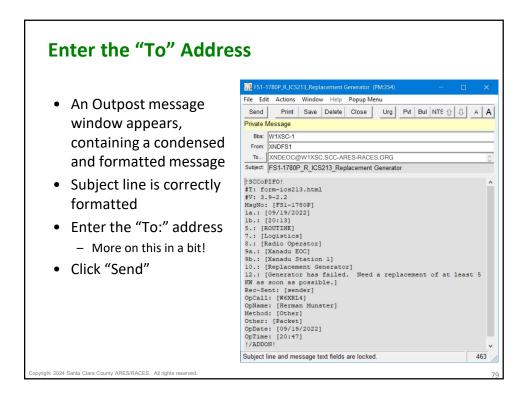
Submi	it the P	ackItForr	n to Outp	oost		
Oper	ator info is	s filled in auto	matically			
•		sign and name				
- "S	Sent" by "Pac	cket"				
– Da	ate and Time	e (when Submit b	outton is pressed	I)		
Click	the Submi	it button to se	end to Outpos	st		
	ost Submit via E					
and the second						
	SE FORM 213 (01/19/2022)	Origin Msg #	: ² FS1-1780P	Destination Msg #	#: 3	
		PIF 2.2	: ² FS1-1780P ediate (ASAP) O Priority (<		# : ³	
SCCo ICS Form	213 (01/19/2022)	PIF 2.2 Handling ⁵ : O Imme This message reques	ediate (ASAP) \bigcirc Priority (<			
SCCo ICS Form Date ¹ :	Time (24hr) :	PIF 2.2 Handling ⁵ : O Imme This message reques	ediate (ASAP) 〇 Priority (<		₩: ³	
SCCo ICS Form Date ¹ : 09/19/2022	Time (24hr) :	PIF 2.2 Handling ⁵ : O Imme This message reques	ediate (ASAP) \bigcirc Priority (<			
SCCo ICS Form Date ¹ : 09/19/2022	1213 (01/19/2022) Time (24hr) : 20:13 Management	PIF 2.2 Handling ⁵ : O Imm This message reques	ediate (ASAP) O Priority (< sts you to ⁶ : Take Action: O Yes	:1 hr) Routine (<2 hr)	() No	
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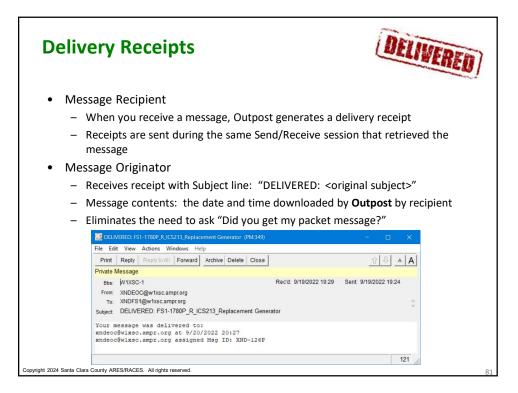




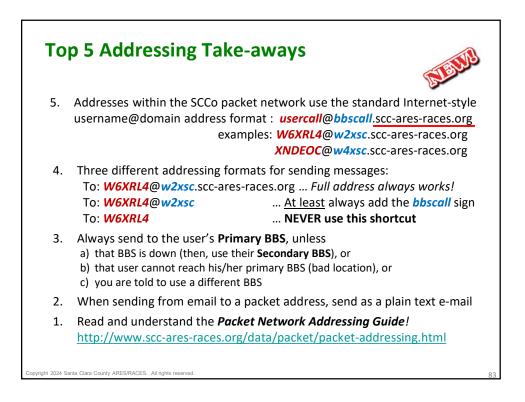


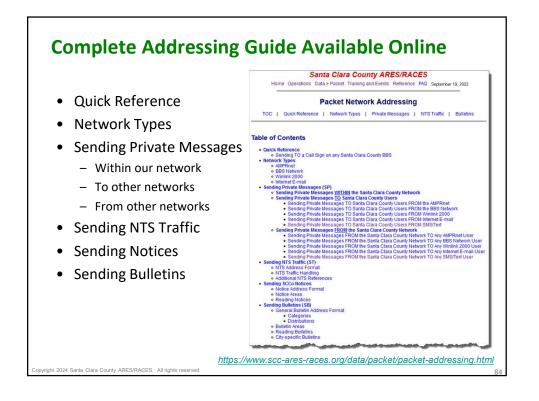


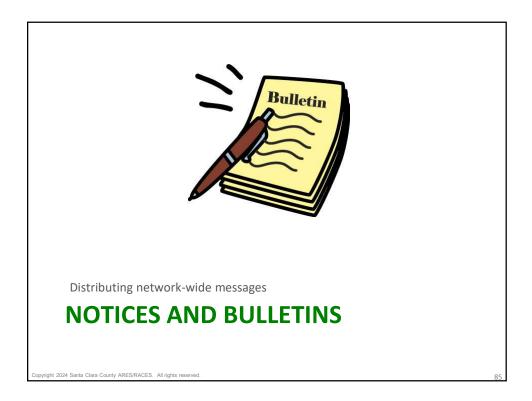
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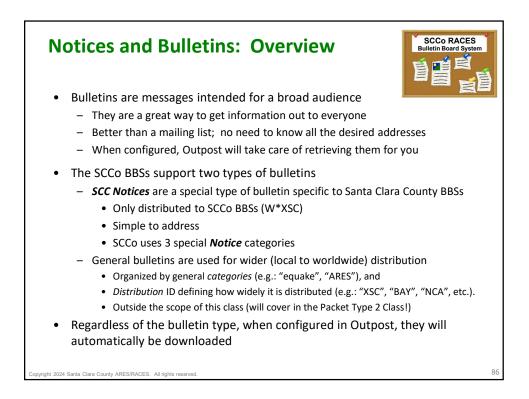


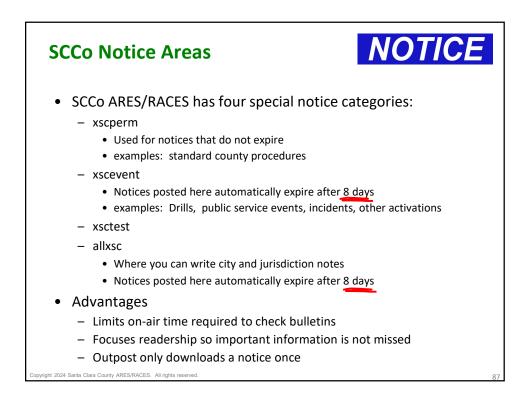


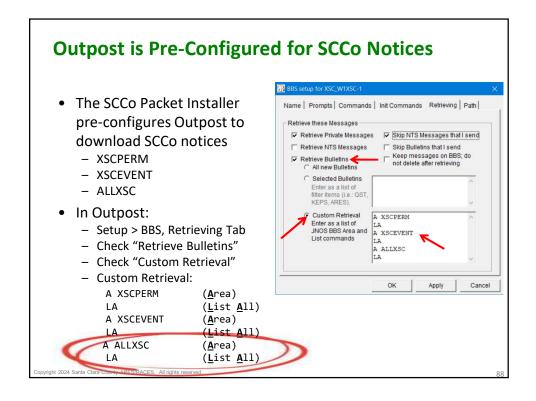


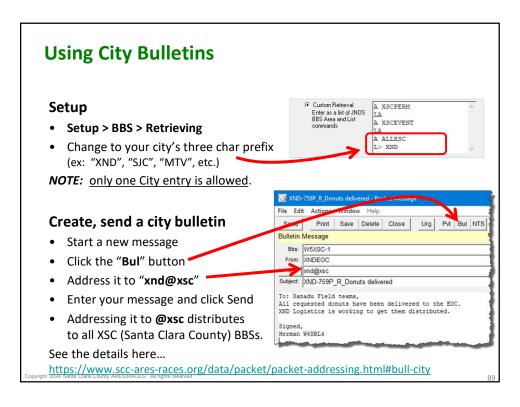


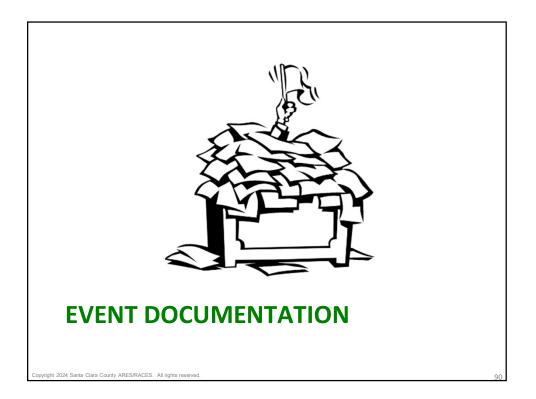


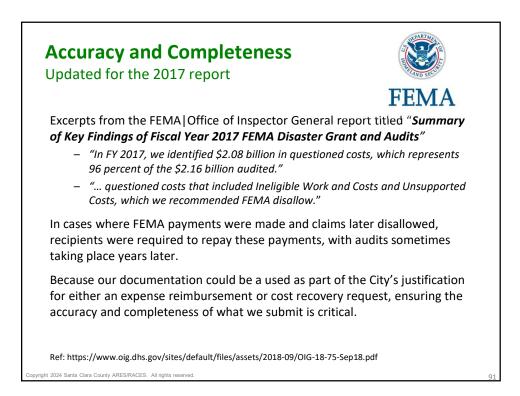












Archiving event documentation

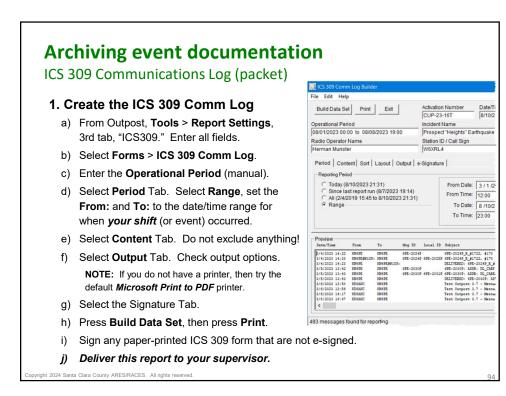
Introduction

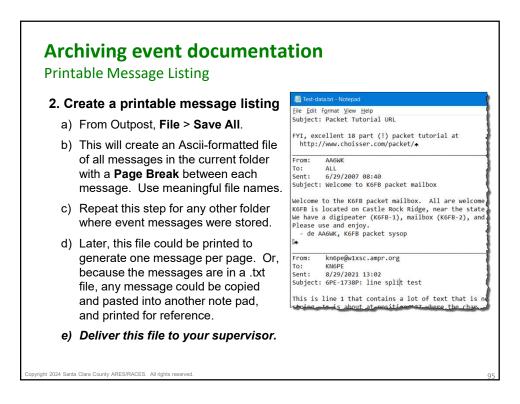
- The job is not done until the paperwork is complete... and submitted.
 - Every scrap of paper used during an activation is part of the event or incident and goes to the Documentation Unit (or your Supervisor)
 - It must be legible (print)
 - Use one side only
 - These are legal documents that may be needed to defend decisions
 - Most of this documentation is 'discoverable'
 - If it is not in the documentation, then it did not happen
 - Some documentation is specifically created after the event or incident, such as the After-Action Report
- And, all this applies to our packet operations

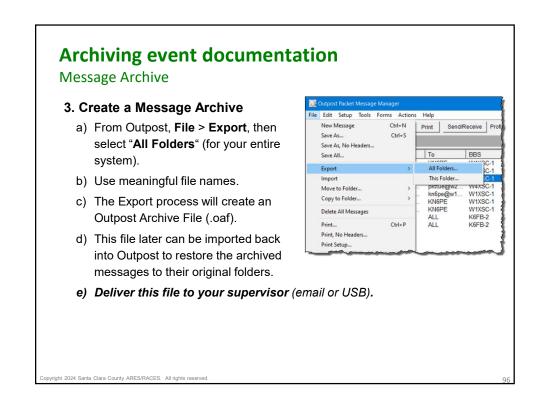
Archiving event documentation

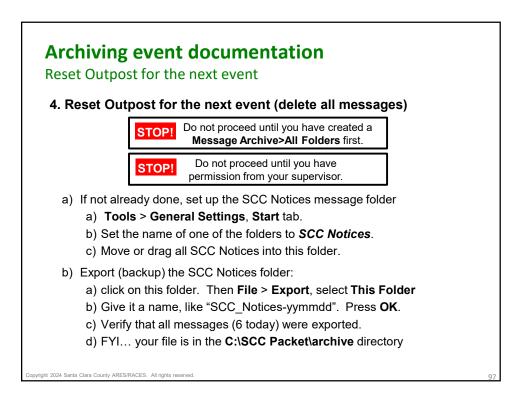
- During a Packet Deployment, you will produce the following:
 - 1. ICS 214-SCCo Unit Activity Log
 - 2. ICS 309-SCCo Communications Log (if participating on a voice net)
- ICS 309 Communications Log (packet)
- 4. All third party sent & received PackItForms and plain text messages
- 5. All sent and received operator to operator packet messages
 - 6. Any Form 1 / hand-scribbled / sticky notes, documentation.
- Whether it be an exercise or a real activation, when your shift is over, your supervisor will provide instructions on wrap-up tasks that need to be done. These can include:
 - Submitting all documentation (to whom and how)
 - Preparing the packet station for the next use, including archiving your shift or the event

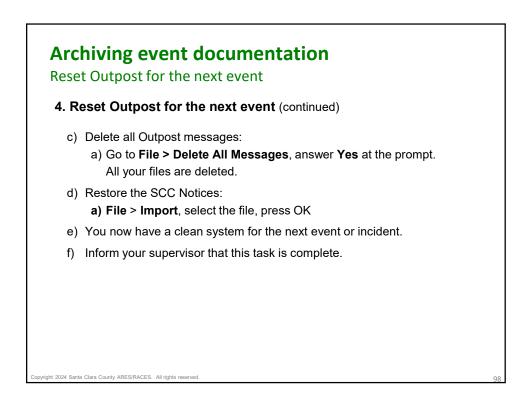
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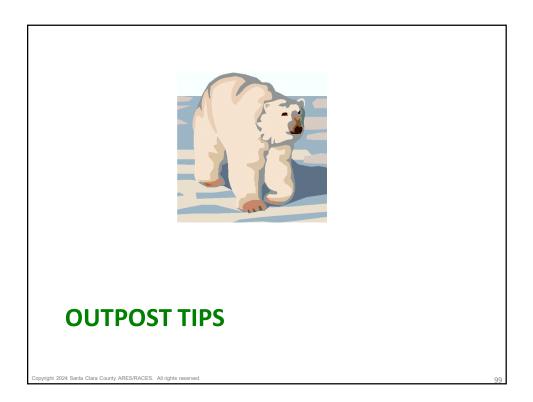


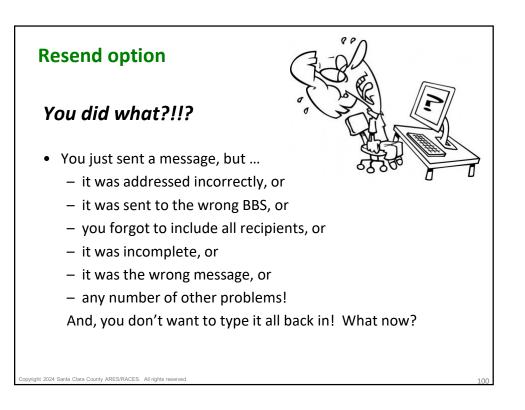


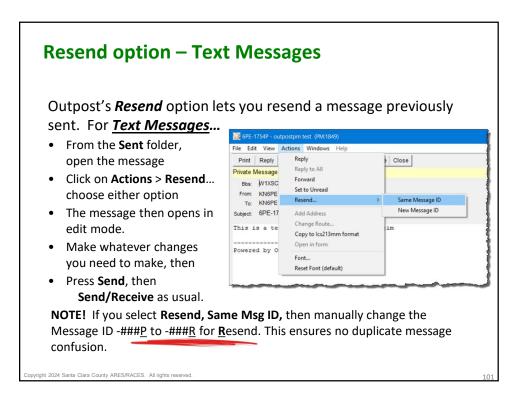


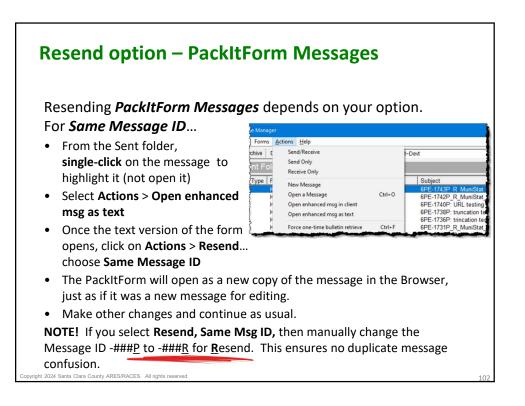


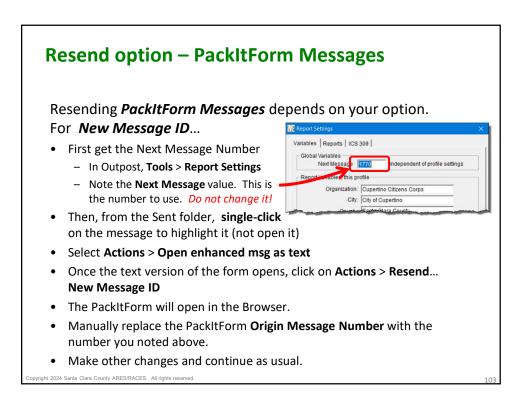


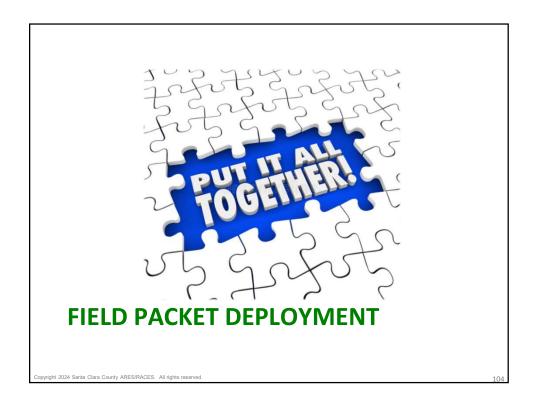


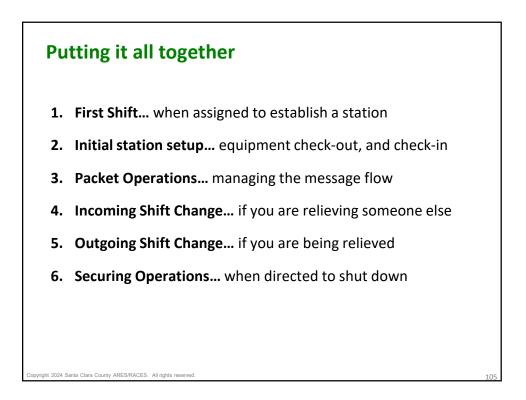












		Amateur Packet Ra	dia
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