



# Packet Network Update



Santa Clara County ARES<sup>®</sup>/RACES

Last Updated: 14-Oct-2010

# Recap of Past Year's Activities

Date	Activity
18-Dec-2009	New Outpost distributed (adds JNOS compatibility)
18-Jan-2010	Cut-over to multi-site JNOS BBS network Website updated with backbone and city-specific info Technical support Yahoo group started (scc-packet)
23-Jan-2010	Quarterly drill utilizing new features – TNC optimizations discovered
24-May-2010	W6XSC: 220 access frequency change Standardized TNC parameter optimizations published
7-Jun-2010	W6XSC: new PC hardware; new 440 radio Outpost & PacFORMS: combined installer w/ optimized settings New features: Bulletins, auto acknowledgements
21-Jun-2010	Weekly packet check-ins migrate to network
11-Sep-2010	Website updated with tactical call routing info New feature: Agency-specific tactical calls Outpost & PacFORMS: incoming message numbering, ICS 309 log
23-Oct-2010	Coming Up: Quarterly drill utilizing new features

# Agency-specific Tactical Calls

- Agencies can request tactical calls for packet
  - As many as you need; must start with agency tactical prefix
  - Example usage: packet operators deployed to shelter, school, ...
  - Instructions: <http://www.scc-ares-races.org/packet.html>
    - “How to Request Tactical Calls”
- Tactical calls also added for Coastal Region and all surrounding counties
- BBS updates at least once per quarter
  - Usually, just before a drill (insures latest info at time of drill)
  - In reality, updates happen more frequently, as time permits
- Once added to BBSs:
  - Packet users can log in with city tactical call signs
  - Messages automatically routed to agency’s primary BBS
    - Example: Messages to LOSxxx routed to LOSxxx@MTV
  - Auto-routing can be overridden by specifying desired BBS (@bbsname)

# New Outpost / PacFORMS Features

- Inbound Message Numbering
  - Some agencies number incoming messages with their own number
  - ICS 213-SCCo has a place for Sender's vs. Recipient's message number
  - Voice messaging procedures have used this for years
  - Outpost & PacFORMS now perform this function automatically
  - If configured, incoming message numbers appear:
    - In the message list for each folder (Ex. In Tray)
    - On the message detail when viewed on screen or when printed
    - In the proper box on a PacFORMS message
    - In auto-acknowledgements
    - In the ICS 309 Communications Log
- ICS 309 Communications Log
  - Outpost now produces an ICS 309 communications log
  - The log can be automated to print on a regular interval

# Inbound Message Numbering

## Message Folder Listings

In Tray								
U	Type	From	To	BBS	Local ID	Subject	Date/Time	Size
		snyeoc@...	n6mef@...	K6MTV-1		DELIVERED: Check-In 10/4: N6MEF - Michael...	10/4/2010 19:36	121
		loseoc@...	N6MEF	K6MTV-1	MEF122P	LOS987_O/R_Message Numbering Test	10/8/2010 09:54	23

## Message Details Display

Private Message

Bbs: K6MTV-1 Sent: 10/8/2010 09:54

From: loseoc@mtv.ampr.org Local Msg ID: MEF122P

To: N6MEF

Subject: LOS987\_O/R\_Message Numbering Test

This is a test message.

## PacFORMS

2.) When Receiving Msg.:  
Senders's msg. #

LOS988

Unlock msg. nos. 2 & 3

Msg. #

MEF123P

RED Areas Required

## Auto-Acknowledgement from Recipient

Your message was delivered to:  
snyeoc@scc.ampr.org at 10/4/2010 7:29:35 PM  
snyeoc@scc.ampr.org assigned Msg ID: SNY132P

## Printed Message

From: loseoc@mtv.ampr.org  
To: N6MEF  
Sent: 10/8/2010 09:54  
Subject: LOS987\_O/R\_Message Numbering Test  
Local Msg ID: MEF122P

This is a test message.

- Instructions: <http://www.scc-ares-races.org/packet.html>
  - “How to Configure Outpost for Inbound Message Numbering”

# ICS 309 Communications Log

<b>COMMUNICATIONS LOG</b>		TASK # <b>MEF-10-10-01</b>		Date/Time Prepared: <b>10/08/10 09:37</b>	
Operational Period: <b>10/01/10 00:00 to 10/08/10 23:59</b>		Task Name: <b>Example Log Output</b>			
Radio Operator Name: <b>Michael Fox</b>			Station ID: <b>N6MEF</b>		
<b>LOG</b>					
Time	From	To	Msg ID	Local ID	Subject
10/04 16:44	N6MEF	SNYEOC			Check-In 10/4: N6MEF - Michael - Los Altos - via MTV
10/05 19:06	K6FCW@MTV....	N6MEF@SCC....		MEF120P	RE: Packet Tactical Call Signs 10-Sep-2010
10/05 19:07	N6MEF@SCC....	K6FCW@MTV....			DELIVERED: RE: Packet Tactical Call Signs 10-Sep-2010
10/05 19:08	N6MEF@MTV	K6FCW@MTV....			RE: Packet Tactical Call Signs 10-Sep-2010
10/08 09:29	N6MEF	K6FSH	MEF401		MEF401: new feature test
10/08 09:29	SNYEOC@SCC...	N6MEF@MTV....			DELIVERED: Check-In 10/4: N6MEF - Michael - Los Altos - via MTV
10/08 09:32	N6MEF	K6FSH	MEF402		MEF402_O/R_Testing New Feature
10/08 09:36	N6MEF	K6FSH	MEF403		MEF403_O/R_ICS213_Test of PacFORMS message number

- Configuration Options:
  - Reporting period, content, sort, layout, output destination
- Instructions: <http://www.scc-ares-races.org/packet.html>
  - “How to Configure Outpost for Automated ICS-309 Printing”

# Action Items for Drill Prep:

- Ensure EOC packet station updated to latest SCC installer (v19)
  - Start > Programs > PacFORMS > SCCo Version

1. Install:	v19
2. Outpost:	v250c007
3. PacRELEASE:	v3.3

- Start > Control Panel > Add or Remove Programs:

 Outpost v250c007 and PacRELEASE v3.3 (Install 19)	Size	9.49MB
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- Ensure/encourage other participants to upgrade their personal systems
  - Especially for MACs or people you might deploy in your city
- Start using ICS 309 logging facility
- Optional: Configure inbound message numbering