ICS & CALTOPO APPLICATIONS & EXAMPLES

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W6TST

AGENDA

- What do amateur radio operators do during emergencies and events?
- Record Keeping ICS 214
- Cal Topo App
- 2 Scenarios: Downtown Flood / Search and Rescue, Sea Otter Classic
- CalTopo Versions & APRS

WHAT DO HAM RADIO OPERATORS DO DURING EMERGENCIES & EVENTS?

- Communicate and Record Information
 - Before the event identify area of concern, plan and install a repeater and program radios.
 - During the event Send and receive data and log it
 - After the event Gather the records and turn them in

LOGGING

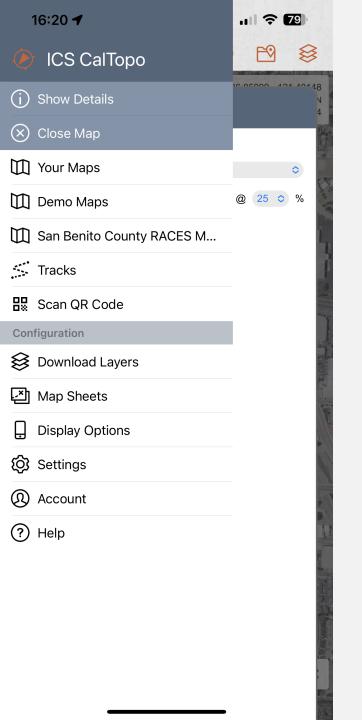
- ICS 214 is your friend if not available use an ICS-001 (Blank sheet of paper)
 - China markers and a white car hood works! Especially now that we have camera phones!
 - Log FACTS. Not opinion, guesses or personal thoughts
 - Use the group's assets if possible
 - Logs and notes may be used as evidence and computers, tablets, etc may be confiscated as evidence and might be a long time before you see it again, if ever.

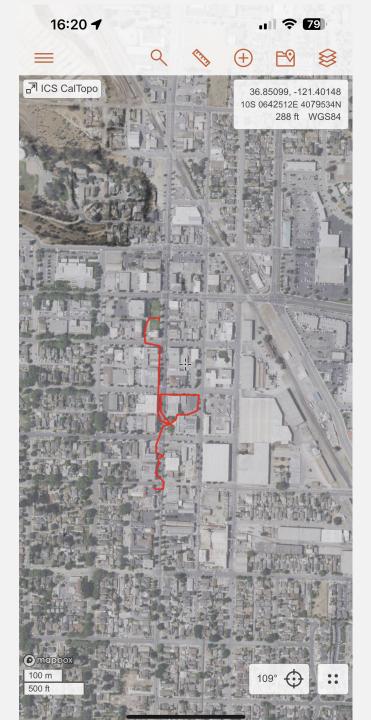
ICS-214: INCIDENT LOG

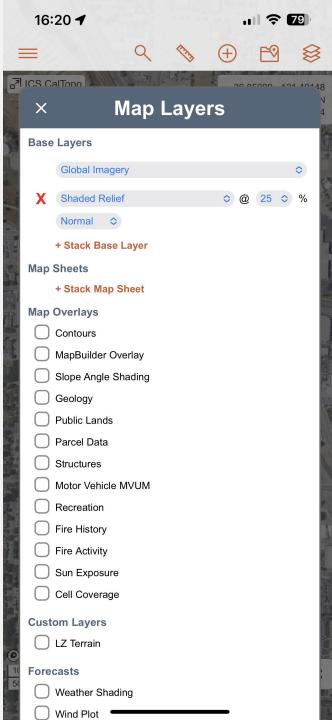
	UNIT LOG	1. INCIDENT NAME						2. D P	ATE REPAREI	D 3	3. TIME PREPARED			
4. UN	NIT NAME/DESIGNAT	5. UNIT LEADER (NAME AND POSITION) 6.					6. C	. OPERATIONAL PERIOD						
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CALTOPO APP

- Apple or Android
- Connect to your account and access information
- Can be used to record a track without the internet







SCENARIO #I - FLOOD DOWNTOWN

- ICP
- Download Tracks
- APRS
- App Tracker
- SAR LKP, PLS, Clue, POD

ICS-214: INCIDENT LOG

Incident Communications Log

Start Date	End Date	Incident Number	Incident Name
03/14/2023	03/14/2023	45	Downtown Flood
Incident Commander	Incident Dispatcher(s)		Location
T. Corral	H. Takeuchi, S. Steine	er, G. Hunt	Hollister – Veteran Hall

Time

Action or Message Summary

- 10:31 Arrived on scene
- 10:40 Command post up and operational initial staffing N6HKT, KJ6SAS, N6GWH
- 10:50 SAR 81, SAR 82, SAR 83, SAR 84, SAR 85 start making walking patrols of downtown
- 11:00 SAR 81 Checking in traveled south along San Benito currently in front of Running Rooster at San Benito and South St.
- 11:05 SAR 82 Reporting circled the block and back at command post
- 11:11 SAR 83 Traveling north along San Benito Street

SCENARIO #2 - SEA OTTER

- ICP
- Load Track
- Repeater
- First Aid Post

CALTOPO – STANDARD VS. DESKTOP

- Standard uses Internet
- Desktop
 - Application on the computer acts like a server on the internet
 - Process APRS and other local signals w/o internet

APRS

- Internet Version
- Desktop Version No internet required (Advanced topic)
 - Connect computer with a radio with digital audio output
 - C:/users/<user>/CalTopo/topo.properties

sarsoft.location.aprs.local.enabled=true

sarsoft.location.serial.COM5=9600,8,1,0

log 4j. logger. a pr sengine. name = org. sars oft. location. service. A PRSL ocal Engine

log4j.logger.aprsengine.level=info

log 4j. logger. serial thread.name = org. sars oft. location. service. A PRSS erial Thread thread.name = org. sars oft. location. service and the same in the sa

log4j.logger.serialthread.level=debug

Use a terminal program to monitor the COM port if you'd like and/or server console



THANK YOU!

https://sbcara.org/forum