

SHINGLETOWN EMERGENCY RADIO

NET PLAN

(FOR DISASTER TICKLER CHECK LIST FOR NCS / B/U NCS – SEE FORMAT LIMA 2)

(THIS IS NOT 911 – CALL 911 IF YOU HAVE AN EMERGENCY)

SER NET SCRIPTS – FORMAT KILO 1 (voice)

[PRIOR RETIRED FORMAT K4R – USE AS REFERENCE FOR PROCEDURAL MATTERS AND BACKGROUND]

NET SCRIPT # 1.

USE FOR ALL NETS-

**EXCEPT – IF FIRE / SMOKE COLUMN SIGHTED GO TO
PAGE 6 NOW (NET SCRIPT #2).**

NET SCRIPT #2.

**“SMOKE / FIRE SIGHTED” [EXACT LOCATION NOT KNOWN –
EXAMPLE YOU SEE SMOKE COLUMN ON A HILL ABOUT x MILES AWAY]**

PROCEDURE:

Follow the NET SCRIPTS. PRE-EMPTION AS APPROPRIATE.

THOSE WHO HAVE PARTICIPATED SHOULD TAKE CONTROL & RUN NET.

DON'T ALLOW SOMEONE TO COME IN AND START MAKING THINGS UP.

YOU HAVE PRACTICED A PLAN; USE IT SO OTHERS KNOW WHAT IS GOING TO HAPPEN. THERE WILL BE ENOUGH CONFUSION WITHOUT GENERATING MORE.

WHEN OTHER HAMS WANT TO JOIN IN – ASK FOR THEIR HELP - ASSIGN THEM TASKS PURSUANT TO THE PLAN.

Follow the Frequency Plan.

Use the standard Phonetic Alphabet (e.g., Alpha, Bravo, etc). No cute phonetics. Use the FORMATS (e.g, Tango 4, etc...) AND HAVE THEM PRINTED OUT IN FRONT OF YOU. The formats give you structure and what information is generally needed. You will need structure when you start posting to maps, and receiving a large number of reports, etc... .

NET SCRIPT # 1. FOR ALL NETS EXCEPT – IF FIRE / SMOKE COLUMN SIGHTED

GO TO PAGE 6 NOW (NET SCRIPT #2).

SEND TONE THEN ANNOUNCE NET SUBJECT AND FORMAT:

➔ **SEND TONE & ANNOUNCE** on ALL SCAN PLAN FREQ

➔ **Your Radio Ch#** _____

➔ **[PICK ONE FOR NET]:** 760_____ 165_____ 505_____ F1[no nets] _____

INSTRUCTION [FOR DRILLS, DO NOT TONE/ANNOUNCE ON F1 (restrict)]
 [NOTE: TONE ANNOUNCE & GET TO NET FREQUENCY. DO NOT STOP TO TALK. YOU ARE HOLDING UP THE NET. STATIONS ARE TO AUTOMATICALLY SEARCH FOR NET ON SCAN PLAN WHEN THEY HEAR TONE!!]

- ➔ 1. NCS Press PTT –
 hold for 2 seconds before TX (to allow radios monitory (scanning the scan plan) to stop scanning)
- ➔ 2. NCS SEND TONE (cw) iiii OR eeee OR T T T T T] [LOUD TO GET ATTENTION]
[TONE TYPE DEPENDS ON URGENCY] [i = dit dit] [e = dit] [T = long DAH]
- ➔ 3. NCS SAY : “This is SHINGLETOWN NET CONTROL [if on net freq – “ on [INSERT FREQ]”
 [IF DRILL - SAY “DRILL”]
 ➔ [IF PRIORITY INFORMATION – ADVISE – EXAMPLE – Sheriff Evacuation Order, etc...]
 ➔ “ANY PRIORITY OR EMERGENCY TRAFFIC – CALL NOW”...

IF DOING	PICK OUT WHAT YOU ARE DOING
➔ FIRE NET (KNOWN RPTED FIRE)	SAY • “FIRE NET ACTIVATED . KNOWN FIRE LOCATED AT: _____ USE FIRE SITREP FMT MIKE 8”
➔ SMOKE CHECK (SEARCH - UNKNOWN SOURCE OF SMOKE)	SAY • “SMOKE CHECK ACTIVATED CONDUCT SMOKE CHECK –USE FMT TANGO 4” [for MOBILE SMOKE CHECK search – use FMT TANGO 4A]
➔ EARTHQUAKE	SAY • “Earthquake Net Activated –USE FMT TANGO 9A or T9M. CONDUCT QWA PROCEDURE”
➔ VOLCANIC	SAY • “Volcanic Activity Net Activated – USE FORMAT TANGO 3”
➔ SITREP	SAY • “SITREP NET ACTIVATED-USE FMT Tango 9A or T9M. CONDUCT QWA PROCEDURE”
➔ You can combine FORMATS	SAY • “AND” • [INSERT ADDITIONAL FMT(S) IF DESIRED- EG., “SITUATION RPTS USE FMT TANGO 9A” , ETC, e.g., with FMT Tango 4]

- ➔ 4A. NCS SAY “HAMS GO TO [INSERT FREQ].”
 “NEIGHBORHOOD NETS GO TO CHANNEL 1”
 “ **NET CONTROL TAKING REPORTS IN 5 MINUTES**”.
- ➔ 4B. NCS SAY “ACTIVATE AREA NEIGHBORHOOD NETS - SECURE REPORTS”
- option ➔ 4C. NCS SAY TO ANOTHER STN
 “[CALL SIGN] PLEASE QVN T 505 [AND FOXTROT 1 IF APPLICABLE] ...

INSTRUCTION [NOTE: CAUTION - AVOID DOUBLING ON SIMPLEX]

- ➔ 4D. NCS SAY “QVN T [CALL SIGN] OUT”
 (NOTE: NCS DO 1, 2, 3, 4A, 4B, 4D ABOVE, ON EACH SCAN PLAN FREQ.
 (EXCEPT DON'T DO ON F1 FOR DRILLS)

INSTRUCTION for Tone & Announce Procedure (QVN T): STATIONS ARE TO WAIT while activating station tones and announces on Scan Plan. Any stn on NET freq. is to act as BACK UP to handle any emergency / priority traffic during the TONE /ANNOUNCE time WHILE NCS NOT ON FREQ. **BEFORE NCS TAKES RPTS, STNS ARE TO RUN NEIGHBORHOOD NETS AND GENERATE THEIR REPORTS!!**

-STNS - Do NOT start giving your reports until requested to do so by NCS (UNLESS EMER./ PRIORITY).

-DURING QVN T NCS MAY HAVE AUXIL / BACKUP TONE AND ANNOUNCE ON 505 AND F1.]

-ALSO IF ON SIMPLEX, RELAY STATION MAY BE NECESSARY.

➔ 4E. **NCS [NOW BACK ON NET FREQ. BEFORE NET] [PICK – AS APPROPRIATE]**

SAY • “ANY Emergency or Priority Traffic – call now”

– [EVERY MINUTE] **SAY** “STAND BY FOR NET - IN __ min, OUT” [AVOID LONG PERIODS DEAD AIR]

JUST BEFORE TAKING REPORTS [NET INFRASTRUCTURE] :

_ **SAY**: “Activate Alpha Control” [no response needed]

_ **SAY**: “CONFIRM 160 Tango Charlie” [response: “CONFIRM” OR “NEGATIVE”]

SET UP STNS TO MONITOR FOR DIVISIONAL IMPACTS ONLY:

_ SET UP STN - “MONITOR CAL FIRE CH 20” TACTICAL “MONITOR CAL FIRE”

_ SET UP STN - “MONITOR SHERIFF CH 21” TACTICAL “MONITOR SHERIFF”

IF NET ON REPEATER - SET UP STNS ON 505 SIMPLEX TO RELAY ANY TRAFFIC NOT REACHING REPEATERS:

__ SET UP STN - “MONITOR 505 EAST CH 58” TACTICAL “MONITOR 505 E”

__ SET UP STN - “MONITOR 505 WEST CH 58” TACTICAL “MONITOR 505 W”

CONDUCT NET AND TAKE REPORTS: (IF DRILL BE SURE AND SAY “DRILL”)

➔ 5. NCS **SAY**: “THIS IS NET CONTROL – ALL STATIONS”

[INSTRUCTION - OPTIONS INCLUDE AND DEPENDS ON WHAT NET YOUR ARE DOING]:

➔ ALL NETS	SAY • “ANY Emergency or Priority Traffic – call now”
THEN IF DOING:	
➔ FIRE NET [ACTIVE KNOWN FIRE]	SAY • “FIRE LOCATED AT:_____ Taking REPORTS [FOLLOW PROCEDURES IN] “FMT MIKE 8”[RPTS plain English]
➔ SMOKE CHECK [SEARCHING FOR SOURCE OF SMOKE]	SAY • “Does any station see SUSPECT fire or smoke – call now” [THAT MEANS SMOKE OR FIRE OTHER THAN ONE ALREADY REPORTED] “/ ANY RELAYS?”[triangulate and also take all Tango 4 reports (to be able to evaluate risks based on wind speed, wind direction, etc...). FOLLOWUP (SECOND) call TO 911 with results.] SAY • “Taking SMOKE REPORTS – FORMAT TANGO 4” [NOTE: RPTS in plain English]
➔ EARTHQUAKE [Q CODES / MIX]	SAY • “Taking earthquake reports – FMTS TANGO 9A , or TANGO 9M, & QWA REPORTS”
➔ VOLCANIC	SAY • “Taking Volcanic Activity reports – FORMAT TANGO 3” [NEED TO PRACTICE]
➔ SITREP [Q CODES / MIX]	SAY • “Taking SITREPS – FMTS TANGO 9A or TANGO 9M, & QWA REPORTS”

- ➔ 6. NCS **SAY**: “first station, call sign suffix – go”
- ➔ 7. STN “ym” (Example of first STN responding–STNS INITIALLY RESPOND WITH CALL SIGN SUFFIX ONLY)
- ➔ 8. **NCS SAY** “ym go” [CALL SIGN SUFFIX ONLY]
 [Note: unless an emergency report, if STN doesn’t respond after 2 attempts, MOVE ON TO NEXT. STN CAN REPORT LATER]

INSTRUCTIONS:

[STN RESPONSE - INSTRUCTION - OPTIONS INCLUDE & DEPENDS ON NET YOUR ARE DOING]:

[EXAMPLES OF POTENTIAL RESPONSES INCLUDE THOSE BELOW] EMERGENCY USE PLAIN ENGLISH

➔ FIRE NET	• SITREP UPDATE REPORTS ON FIRE STATUS – SEE FMT MIKE 8
➔ SMOKE CHECK [Plain English] [EXAMPLE]	• STN “K6YM QTH highway 44, mileage marker 2800, no smoke or fire visible, no smoke odor, wind out of ... Miles per hour ... General Smoke haze conditions light, all directions same, ... end report, out”. [If you were mobile, you might respond "k6pds QWT 44 and Milville plains East bound, ... QWA, out"]
➔ EARTHQK	• STN “K6PDS QTH B VILLIAGE DIV 3 QXi D /M7 R9 /Y QWA END RPT OUT”
➔ VOLCANIC	• STN “K6PDS QTH B VILLAGE DIV 3 QXi V /C /F /W/ODT 170 T END RPT OUT”
➔ SITREP	• STN “K6PDS QTH B VILLAGE DIV 3 QXi D /A /B /Y QWA END RPT OUT”

- ➔ 9. NCS **SAY**: “ROGER” [PAUSE AFTER “ROGER” TO ALLOW ANY EMERGENCY TRAFFIC]
- ➔ 10. NCS **SAY**: “NEXT ” [CONTINUE...]
- ➔ 11. NCS **SAY** “Any other stations with [azimuth] or [REPORTS] [INSERT FMT e.g., “Tango 4 reports?”]
[continue]
- ➔ 12. NCS **SAY** “Any other stations OR relay – call now ” [continue]
- ➔ 13. [NCS – FROM NEXT LINE - PICK WHAT APPLIES TO YOUR NET]
- ➔ NCS **SAY** “STNS, REVIEW / POST RPTS TO MAPS / TRIANGULATE LOCATION (IF ANY) / PREPARE RECOMMENDATIONS, STAND BY.” **[MAPPING – FORMAT ROMEO 8, ETC...]**

[NOTE: NCS B/U NCS SHOULD REFER TO SUB NET/ GRND TEAM STRUCTURE – LIMA 00; & TICKLER LIST – LIMA 2]

RECOMMENDATIONS / ACTION / NO ACTION / SUMMARY OF REPORTS RECEIVED:

- ➔ 14. NCS **SAY** **“SUMMARY OF RPTS RECEIVED BY AREA / DIVISIONS IS AS FOLLOWS ...”**
[MAP: FMT ROMEO 8]

INSTRUCTION: SUMMARY IN PLAIN ENGLISH SUMMARIZING ALL REPORT SO PERSONS MONITORING RECEIVE OVERVIEW SUMMARY OF SITUATION.

“NET CONTROL RECOMMENDATION(S) IS / ARE” ...

[BELOW IS A PARTIAL LISTING OF OPTIONS] [NOTE: PICK AS APPLICABLE].
 [if need more time, for example, for mapping, SAY - “stand by for mapping”].

[NOTE: YOUR RECOMMENDATIONS / ACTIONS WILL DEPEND ON TYPE OF NET AND CIRCUMSTANCES – i.e., Fire/smoke (FMT Tango 4); EQ (FMT Tango 9A); Volcanic Activity (FMT Tango 3); SITREP RPT (FMT Tango 9A), etc...]

- - **NO ACTION REQUIRED.** ...[NO SUSPECT SMOKE OR FIRE REPORTED ... ETC...]
- - Set up Field Station ...
- OPTIONS • - **NO SOURCE OF SMOKE / FIRE KNOWN. NO FURTHER ACTION.**
- INCLUDE • - **UNABLE TO LOCATE SOURCE OF SMOKE / FIRE – RECOMMEND ...**
- SEE [EG., FIELD TEAMS /HQ NET etc... / SEE FMT LIMA 2]
- FMT • - **CALL CAL FIRE AND REPORT POTENTIAL SMOKE AT _____[LOCATION]**
- LIMA 2 [follow up with supplemental reports if necessary] ...
- - **NEED STATIONS TO DELIVER WATER ... TO [STN CALL SIGN]**
- - **SET UP SUB NETS ETC...,**

- ➔ 15. NCS **SAY** **“Any other station(s) with a different recommendation call now”**
- ➔ 16. NCS ACTION -- [IMPLEMENT THE ACTIONS DECIDED UPON]

INFORMATION / STATUS OF EXISTING SITUATIONS, ETC...

- ➔ 17. NCS **SAY** **“QWI” [PROVIDE INFO. E.G., STATUS OF KNOWN FIRES; SHERIFF EVACUATIONS...ETC...]**
 [E.G., “QWK UPDATE LAST REPT ___ HRS, E.G., “CARR FIRE 115,538 ACRES 35% CONTAINED” ...]
- ➔ 18. NCS **SAY** **“ ANY OTHER STATIONS WITH QWI (INFORMATION) CALL NOW” ...**

ACTIVATE / DEACTIVATE FMT NOVEMBER BLOCK 2 – IF APPLICABLE:

- ➔ 19. NCS **SAY** [IF APPLIES] **“FMT NOVEMBER BLOCK 2 – 2 METER- ACTIVATED / ACTIVE / DEACTIVATED ETC..., NEXT NET ON _____ AT _____ HRS.” Other: _____**

DEACTIVATE NET (OR KEEP ACTIVATED):

- NCS **SAY** **“ DEACTIVATE Alpha Conrol”**
- NCS **SAY** **“ DEACTIVATE MONITOR CAL FIRE” STN Response “ monitor cal fire – COPY”**
- NCS **SAY** **“ DEACTIVATE MONITOR SHERIFF” “ – COPY”**
- NCS **SAY** **“ DEACTIVATE MONITOR 505 E” “MONITOR 505 W” “ – COPY”**
- ➔ 20. NCS **SAY** **“This is NET CONTROL,**
[INSERT NET YOU ARE DEACTIVATING – E.G., QWC SMOKE CHECK NET] IS DEACTIVATED]. [OR “NET REMAINS ACTIVATED”].
ALL STNS QSY SCAN PLAN and MONITOR YOUR NEIGHBORHOOD FREQUENCY PLAN [CALL SIGN], out.”

NET SCRIPT #2. "SMOKE / FIRE SIGHTED"

[EXACT LOCATION NOT KNOWN – EXAMPLE SEE IT ON HILL ABOUT x MILES AWAY]

• **TRIANGULATION EXAMPLE:** You see a smoke column East of Shingletown Rdg from 44/Millville Plains Lookout.

• 1. **ACTIVATING STN - Call 911 and report approximate location** if it is NOT burn season and you determine not a fireplace, etc... . If burn season, determine it is not a controlled burn first (SEE QWF for general discussion).

• 2. Then, if appropriate, go to your radio if you need assistance to triangulate on location:

• 3. Press PTT – hold for 2 seconds [**TONE T T T T T**] AND **ANNOUNCE ON SCAN PLAN:**

ON ALL OF FOLLOWING: 760__ 165__ 505__ AND FOXTROT 1__

[DO NOT USE F1 FOR DRILLS]

AND **SAY: "SMOKE COLUMN SITED**

ALL STATIONS CONDUCT SMOKE CHECK – USE FMT TANGO 4

GO TO [FREQ]

TAKING REPORTS IN 3 MINUTES

(SAY LESS THAN 3 MIN AS YOU ARE GOING THROUGH SCAN PLAN TONE ANNOUNCE PROCEDURE)

[CALL SIGN] OUT."

[for drill say "drill" and refer to smoke column as "Target"]

[NOTE: ALL STATIONS, WHEN YOU HEAR THIS: CONDUCT SMOKE CHECK – USE FMT TANGO 4 !]

[STNS: do NOT start giving your reports until requested to do so as below]

[YOU MAY DECIDE TO HAVE AUXIL / BACKUP TONE AND ANNOUNCE ON 505 AND F1]

• **4. THEN ON THE FREQUENCY YOU CHOSE:** [Note: take azimuth of smoke at ground level, if possible]

• Say: "[call sign] [e.g., "on760"] QWS QWS Smoke column Sited Smoke column Sited"

[THEN GIVE AZIMUTH] E.G., "Azimuth from [44/Millville Plains] 89 Degrees True North.
Smoke appears to be located to the East of Shingletown Ridge on said Azimuth."

• "Any station [CALL SIGN SUFFIX] with Azimuth, please call, this is [call sign] on [INSERT FREQ], standing by ..."

• "This is [call sign] report e.g., [Azimuth from QTH B 35 degrees true North, approximately 2 miles]
[take bearing of smoke at ground level] [or – distance unknown]. [Over]"

[if smoke column "leaning" advise e.g., "smoke column leaning northward approx [45] degrees angle"]

[if can't see base of smoke column say "unable to see smoke at ground level, azimuth may not be accurate" –
is example of smoke column being on "other" side of a hill and you can see it only over the top of the hill]

• "Roger. Any other STN WITH AZIMUTH OR FMT TANGO 4 RPT call now, [call sign] on [760], standing by ..."
[continue]

• "Stations - post reports to map, Triangulate location, prepare recommendations, stand by"

• "[This is [call sign] requesting any station to identify township, range and section] [or otherwise]"

• "This is [call sign] Estimated location[***] is: [e.g, 2 miles north of highway 44 /MK 17.00]

OR "NE ¼ of Section 13 , Township 31North, Range 1 East " ←Preferred

[Reporting format per Cal Fire should be as follows: e.g., SE1/4 of NW1/4 of Section 3, T3N, R1E]

• "Any station with different estimated location call now, on [760], over ..."

• "This is [call sign] I am making supplemental call to Cal Fire advising of estimated / approximated location. ..."

• "QWi all stations – estimated location reported to Cal Fire."

• "QWS NET Deactivated." [OR, KEEP NET OPEN IF NECESSARY] "[call sign] ALL STNS QSY scan plan, OUT."

[***Note: 6/17/2018 - Cal Fire would prefer us providing Township and Range, Section so they can locate faster / easier – w/i 1 mile is good]