

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 4 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

**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. You can take plain English reports, but we don't need long rambling
statements – 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 4 NOW (NET SCRIPT #2).

SEND TONE THEN ANNOUNCE NET SUBJECT AND FORMAT:

- • **SEND TONE & ANNOUNCE** on **ALL** SCAN PLAN FREQ [PICK ONE FOR NET]: 760__ 165__ 505__ F1[no nets]__
[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 TTTTT [TONE LOUD ENOUGH TO GET ATTENTION] AND
[i = dit dit] [e = dit] [T = long DAH]
- 3. NCS SAY : “This is NET CONTROL ON [INSERT FREQ]” [IF DRILL BE SURE AND SAY “DRILL”]

FOR	
• FIRE NET (KNOWN RPTD FIRE)	SAY • “FIRE NET ACTIVATED . KNOWN FIRE LOCATED AT: _____ USE FMT Tango 4 and FIRE SITREP FMT MIKE 8”
• SMOKE CHECK (SEARCH - UNKNOWN SOURCE)	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 AND FIRE WATCH BREV. RPTS”
• VOLCANIC	SAY • “Volcanic Activity Net Activated – USE FORMAT TANGO 3”
• SITREP	SAY • “SITUATION RPT NET ACTIVATED-USE FMT Tango 9A & FIRE WATCH BREV. RPTS”
• 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 “GO TO [INSERT FREQ]. **REPORTS IN 4 MINUTES.** GO TO [INSERT NET FREQ].”
“TONE/ANNOUNCE in process” (OR SAY “QVN T”) ”
- 4B. NCS SAY “AREA COODINATORS ACTIVATE AREA NEIGHBORHOOD NETS AND SECURE REPORTS”
- 4C. NCS SAY “[CALL SIGN] PLEASE TONE AND ANNOUNCE ON 505 [AND FOXTROT 1 IF APPLICABLE] ...
REPORT WHEN DONE” “[CALL SIGN] OUT.” [NOTE: CAUTION TO AVOID DOUBLING ON SIMPLEX]
(NCS DO 4A, 4B, ABOVE, ON EACH SCAN PLAN FREQUENCY – EXCEPT DON’T DO ON F1 FOR DRILLS)

INSTRUCTION COMMENTS for Tone & Announce Procedure: 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 (e.g., 4 min) WHILE NCS NOT ON FREQ. During this time, Stations are to be generating their reports for the NET.

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

-DURING 4 MIN. NCS MAY HAVE AUXIL / BACKUP TONE AND ANNOUNCE ON 505 AND F1.]

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

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

- 5. NCS SAY: “THIS IS NET CONTROL – ALL STATIONS AND STATION AREA COORDINATORS”

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

ALL NETS	SAY • “ANY Emergency or Priority Traffic – call now”
THEN FOR:	
• FIRE NET [ACTIVE KNOWN FIRE]	SAY • “FIRE LOCATED AT: _____ Taking REPORTS – FORMAT TANGO 4 ” ... “FMT MIKE 8” [NOTE: RPTS will be in 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?”[if yes – then triangulate and also take all Tango 4 reports (to be able to evaluate risks based on wind speed, wind direction, etc...). call 911 with results.] SAY • “Taking SMOKE REPORTS – FORMAT TANGO 4 ” [NOTE: RPTS in plain English]
• EARTHQUAKE [Q CODES /MIX]	SAY • “Taking earthquake reports – FMT TANGO 9A AND FIRE WATCH BREV.RPTS”
• VOLCANIC	SAY • “Taking Volcanic Activity reports – FORMAT TANGO 3” [NEED TO PRACTICE]
• SITREP [Q CODES /MIX]	SAY • “Taking SITUATION RPTS – FMT Tango 9A AND FIRE WATCH BREV.RPTS”

- 6. NCS SAY: “first station, call sign suffix – go”
- 7. STN “ym” (Note: example of first STN responding – 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]

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

[EXAMPLES OF POTENTIAL RESPONSES INCLUDE THOSE BELOW]

• 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”]
• EARTHQUAKE	• 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”
- 10. NCS SAY: “NEXT ”... [NOTE: STNS INTIALLY RESPOND ONLY WITH CALL SIGN SUFFIX ..., CONTINUE]
- 11. NCS SAY “Any other stations with [azimuth] or [Format [INSERT FORMAT e.g., “Tango 4 reports?”]] [continue]
- 12. NCS SAY “Any other stations - plain English, call now” [continue]
- 13. [NCS PICK WHAT APPLIES TO YOUR NET]
 NCS SAY “STNS, REVIEW / POST RPTS TO MAPS / TRIANGULATE LOCATION (IF ANY) / PREPARE RECOMMENDATIONS, STAND BY.”
 [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 “NET CONTROL RECOMMENDATION(S) IS / ARE” ...
 AND/OR “SUMMARY OF RPTS RECEIVED BY AREA / DIVISIONS IS AS FOLLOWS ...”
 [SO PERSONS MONITORING RECEIVE PLAIN ENGLISH SUMMARY OF SITUATION].
 [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 Ativity (FMT Tango 3); SITREP RPT (FMT Tango 9A), etc...]
 - - NO ACTION REQUIRED.
 - - 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] Etc..., [SET UP SUB NETS]
- 15. NCS “Any other station(s) with a different recommendation call now”
- 16. NCS [IMPLEMENT THE ACTIONS DECIDED UPON]

INFORMATION / STATUS OF EXISTING SITUATIONS, ETC...

- 17. NCS SAY “QWI” [PROVIDE INFORMATION E.G., STATUS OF KNOWN FIRES]
 [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):

- 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 [CALL SIGN], out.”
 Note: FCC – CALL SIGN AT END of TX / EVERY 10 MIN. DO NOT OVER IDENTIFY (WAISTING TIME & BATTERY).

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] 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]