

PURPOSE OF PROCEDURE: WHEN THE PRIMARY NET IS ON A REPEATER, A RELAY NET IS CONDUCTED ON 505 SIMPLEX TO PICK UP STATIONS NOT ABLE TO REACH PRIMARY NET ON REPEATER (AND FOR NEIGHBORHOOD NETS TO OBTAIN INFORMATION BECAUSE THEY CAN'T HEAR THE REPEATER NET AND/OR STNS WITH HTS ONLY THAT CAN'T REACH REPEATER DUE TO LOCATIONS). [THE NEED FOR THIS PROCEDURE IS BASED UPON THE EXISTENCE OF ACTUAL OBSERVATIONS AND REPORTS].

NET CONTROL (NCS)
[REPORTS RECEIVED FROM ALL SOURCES **OTHER THAN RELAY CONTROL (and RELAY EAST, ETC...)** ARE LABELED #1, #2, ETC...]

[THIS ALLOWS SOURCE OF REPORTS TO BE RETAINED AT ALL NET STAGES]

REPORTS TAKEN DIRECTLY BY **RELAY CONTROL** ARE LABELED AS FOLLOWS:

REPORT # “**C 1**” (“Charlie 1); “C 2” ETC...]

REPORTS TAKEN BY **RELAY EAST** ARE LABELED AS FOLLOWS:

“RPT #**E 1**”, “#E2”, ETC...] SAY AS “REPORT ECHO 1”

Etc... ... RELAY WEST “RPT W1” (say “report Whiskey 1”)
RELAY NORTH “RPT N1” (say “report NOVEMBER 1”)
RELAY SOUTH “RPT S1” (say “SIERRA 1”)

NOTE: WHEN NCS RECEIVES THE REPORT, NCS WILL ASSIGN ITS NUMBER IN FRONT OF THE RELAY REPORT ID#. THUS NCS WOULD RECORD “E2” AS “1 E2” OR “2 E2” IF THIS WAS NCS’S FIRST OR SECOND REPORT RECEIVED, ETC...

505 RELAY NET [**NET SCRIPT OUTLINE**]

FOR RELAYS – USE Q CODES (UNLESS EMERGENCY / PRIORITY). NCS CAN GIVE PLAIN ENGLISH SUMMARY AFTER ALL POSTED AND MAPPED. [OPERATORS CAN ALSO LOOK UP MEANING ON FORMAT TANGO 9A OR TANGO 9M AND RELAY WITHIN THEIR OWN AREAS.]

NET CONTROL AND RELAY CONTROL SHOULD USE TWO RADIOS EACH WITH SEPARATE OUTSIDE ANTENNAS – ONE SET ON THE PRIMARY REPEATER NET FREQUENCY (at all times); THE OTHER ON 505 SIMPLEX (at all times). NO DUAL WATCH – IE., DON’T USE ONE RADIO TO MONITOR TWO FREQUENCIES (FACT – IT CAUSES PROBLEMS). RELAY CONTROL SHOULD (TO EXTENT POSSIBLE) HAVE Q4 OR ABOVE TX/RX ON EACH RELAY STATION. **RELAY CONTROL MUST BE ABLE TO COMMUNICATE ON BOTH 505 (GOOD COVERAGE FOR ENTIRE AREA) AND WITH NET CONTROL ON THE PRIMARY NET FREQUENCY!**

RELAY STATIONS (I.E., RELAY EAST, RELAY WEST , ETC..) MUST STAY ON 505 AT ALL TIMES*. (MUST USE RADIO WITH OUTSIDE ANTENNA). RELAY ALL REPORTS TO RELAY CONTROL!**

TX: ALL TRANSMISSION TO BE **LESS THAN 15 SECONDS**. THEN PAUSE 1 ½ SECOND (continue TX if needed).

[REASON: ALLOW EMERGENCY /PRIORITY TRAFFIC; THINK BEFORE TALKING; KEEP IT SHORT AND TO THE POINT. NO SPECULATION, OPINIONS, ETC...]

DO NOT OVER ID (ID 1 TIME EVERY 10 MIN OR AT END OF TX). USE TACTICALS (THAT IS WHAT IS IMPORTANT FOR NET PURPOSES SO STNS KNOW WHAT YOUR CAPACITY IS)

***UNLESS OTHERWISE DIRECTED BY RELAY CONTROL OR EXTENUATING CIRCUMSTANCES.

505 RELAY NET – OUTLINE OF NET SCRIPT

REMINDER NOTE FOR ALL STATIONS:
USE THE DESIGNATED FORMATS – PLEASE DO NOT MAKE CHANGES. FOLLOW THE PLAN AND USE THE FORMATS.

NOTE: TAKE REPORTS USING FOLLOWING:
SITREP - USE FORMAT TANGO 9A (PAGE 3)
SMOKE CHECK – USE FMT TANGO 4 (PAGE1)]
OR AS OTHERWISE DIRECTED

**1. WHEN PRIMARY NET ACTIVATED – [NCS TO TONE /ANNOUNCE ON 505 FIRST]
 THEN STATION ASSUMING POSITION OF RELAY CONTROL
 IMMEDIATELY SET UP RELAY CONTROL ON 505 NET:**

RELAY CONTROL ACTION; [TONE 🎵 ON 505] [and Foxtrot 1 if applicable]
 RELAY CONTROL SAY: “ALL STNS THIS IS RELAY CONTROL
 SHINGLETOWN 505 RELAY NET ACTIVATED

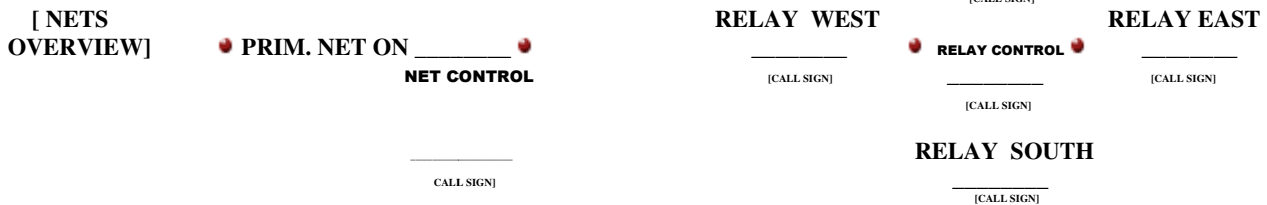
CONTINUE... [ADVISE AS TO SUBJECT OF NET BASED ON WHAT WAS STATED BY NET CONTROL
 ON PRIMARY NET FREQUENCY, including information as to status of local Forest Fires, evacuations ...]

[e.g., “SIT REP REPORT NET ACTIVATED USE FMT TANGO 9A),
 “CONDUCT QWA PROCEDURE” ... [INSERT AS APPROPRIATE – STEP 3
 LISTS SOME OTHER OPTIONS ...]

“REPORTS IN 5 MINUTES, STAND BY” [START TIMER COUNTDOWN]

2. SET UP RELAY STNS ON 505 → → → RELAY NORTH

RELAY ... NORTH, EAST, SOUTH, WEST - AS NEEDED



[Consider Propagation – see FORMAT ROMEO 14H]

NOTE FOR RELAY STATIONS →

RELAY STATION ACTIONS ARE IN THE RIGHT COLUMN OF THIS SCRIPT ←

RELAY CONTROL SAY:
 “THIS IS RELAY CONTROL
 NEED STN IN
 [Starlight DIV 4 NORTH [_FOR NOW_]
 TO ACT AS RELAY [EAST] call now”

[CONTINUE AS NEEDED FOR:
 “RELAY NORTH”,
 “RELAY EAST”, [E.G., STARLIGHT DIV 4 N]
 “RELAY SOUTH”,
 “RELAY WEST”.] [E.G., [INWOOD DIV 2 N]

STN : “[call sign suffix]
 RELAY CONTROL SAY: “[call sign suffix] GO”

STN : “[FULL CALL SIGN] ←
 WILL ACT AS RELAY
 [EAST], OVER”

RELAY CONTROL SAY: “ROGER, STAND BY”

STN : “RELAY [EAST] , ←
 BACK TO
 RELAY CONTROL
 [CALL SIGN]”.

3. HAVE EACH RELAY STN TONE 🎵 AND ANNOUNCE.

RELAY CONTROL SAY:

“ALL STATIONS COPY

**[STATE ACTIVATION(S) –
EXAMPLES include]**

**“SITREP ACTIVATED USE
FORMAT TANGO 9A” ...**

“ CONDUCT QWA PROCEDURE” ...

**“ welfare check reports
use FMT TANGO 6” ...**

**“NEEDS / Damage Assessments –
FOR Division ____ Area ____
Use FMT UNIFORM” ...**

... ETC...

[NEXT – SAY]

**“RELAY [NORTH] [EAST] [SOUTH] [WEST] ,
[PAUSE]
RELAY CONTROL.” ----->>**

**[REPEAT ABOVE FOR EACH RELAY
STATION TO BE SET UP]**

->>RELAY [EAST] SAY]: “...[GO AHEAD] ” 

**RELAY CONTROL SAY :
“ TONE 🎵 505 AND ANNOUNCE” .**

RELAY [EAST, ETC...]SAY : “ ROGER” 

**RELAY [EAST] ACTION :
[TONE 🎵 ON 505] [and Foxtrot 1 if applicable]** 

RELAY [EAST] SAY :

**“ALL STNS THIS IS RELAY
[NORTH] [EAST] [SOUTH] [WEST]** 

SHINGLETOWN 505 RELAY NET ACTIVATED

AS FOLLOWS:

[INSERT – EXAMPLES]

“SIT REP REPORT - USE FMT TANGO 9A”

“CONDUCT QWA PROCEDURE” ...

[INSERT OTHER ACTIVATIONS AS APPLICABLE]

[INSERT - ANY INFORMATION TO BE RELAYED , ETC...]

... REPORTS IN 5 MINUTES, STAND BY,

BACK TO RELAY CONTROL

[CALL SIGN] OUT”.

4. [RELAY CONTROL ON PRIM NET FREQ.

--- CONFIRM STATUS OF 505 RELAY NET]

[RELAY CONTROL AND NCS COMMUNICATE ON PRIM. NET FREQ]

NCS : TONE  ["e" or "i"] ON PRIM NET FREQ
(TONING IS TO GET ATTENTION OF OTHER NET CONTROL STNS)

EXAMPLE: (either RELAY CONTROL or NCS can initiate this process)

NCS : "Relay Control [PAUSE] NET CONTROL advise as to status of 505 relay net"

Relay Control : "505 RELAY NET OPERATING , QSY 505"

NCS : "ROGER"

OR (IF NEED RELAYS OR IF NEED SOMEONE TO BE RELAY CONTROL)

NCS : TONE  ON PRIM NET FREQ.

NCS : "Relay Control [PAUSE] NET CONTROL advise as to status of 505 relay net"

Relay Control : "505 RELAY NET NEEDS FOLLOWING RELAY STATIONS:
[EAST ... WEST ...] OVER"

NCS : "ROGER"

[IF NEEDED, NCS MAKES REQUESTS ON PRIM NET FREQ]

[IF NEEDED THEN SAY : "NEED STATION TO ACT AS RELAY CONTROL, call now"...
RELAY CONTROL SET UP] NCS TONE  ["e" or "i"] AND
STN : "[call sign suffix]"

NCS SAY : "[call sign suffix] GO"

STN : "[full call sign] Will act as RELAY CONTROL, OVER"

NCS SAY : "ROGER QSY 505"

STN : "RELAY CONTROL, ROGER - QSY 505 OUT [CALL SIGN]"

[IF NEEDED
[RELAY [EAST] ...SET UP]

NCS SAY: "NEED STN IN [__[AREA]__ DIV __ N__ S__] TO ACT AS RELAY
[EAST] [ETC...] call now"

STN : "[call sign suffix]"

NCS SAY : "[call sign suffix] GO"

STN : "[full call sign] Will act as RELAY [EAST] [ETC...], OVER"

NCS SAY : "ROGER QSY 505"

STN : "RELAY [EAST...], ROGER - QSY 505 OUT [CALL SIGN]"

[CONTINUE AS NEEDED FOR "RELAY NORTH", "RELAY EAST", "RELAY SOUTH", "RELAY WEST".]

[NCS CONTINUES WITH PRIMARY NET SCRIPT]

5. RELAY CONTROL BACK ON 505 :

EVERY 2 MINUTES - RELAY CONTROL IS TO HAVE EACH RELAY STN (IN ROTATION)

EITHER: "TAKE REPORTS" [STEP 8]

OR

"ISSUE STANDBY" [STEP 9] AS NEEDED. (PURPOSE: AVOID DEAD AIR).

6. ON 505, RELAY CONTROL START TAKING REPORTS:

**RELAY CONTROL SAY: "THIS IS RELAY CONTROL
ANY STATION WITH REPORTS OR TRAFFIC,
AND NOT ACKNOWLEDGED, CALL NOW"**

[AND/OR ADVISE OF INFORMATION, ETC...]

[TAKE REPORTS AND RECORD THEM]

**[IF NO REPORTS RECEIVED] RELAY CONTROL SAY: " NOTHING HEARD, ANY RELAYS ...
ALL STATIONS STAND BY. "**

**[IF REPORTS RECEIVED - RELAY SUCH TO NET CONTROL ON PRIM NET FREQ.]
(GO TO STEP 7)**

7. RELAY CONTROL RECEIVES REPORTS, AND RELAYS 505 REPORTS INTO PRIMARY NET (I.E., TO NCS) (REPEAT AS NEEDED FOR ALL REPORTS RECEIVED):

RELAY CONTROL ON 505 - SAY: "ALL STATIONS STAND BY"

RELAY CONTROL QSY TO PRIM. NET FREQ AND RELAY REPORTS /
INFORMATION. [EG. OF RELAYING REPORTS, AND/OR INFORMATION RECEIVED] →TO
NET CONTROL ON PRIM NET FREQ

RELAY CONTROL SAY: NET CONTROL THIS IS RELAY CONTROL WITH REPORTS QRV?
(Are you ready?)

NET CONTROL SAY : QRV (I am ready)

RELAY CONTROL SAY : "REPORT CHARLIE 1 END REPORT OVER"

NET CONTROL SAY : "NEXT"

RELAY CONTROL SAY : "REPORT ECHO 1 END REPORT OVER"

NET CONTROL SAY : "NEXT"

RELAY CONTROL SAY : "REPORT ECHO 2 ... LAST REPORT, OVER

NET CONTROL SAY : "ROGER"

RELAY CONTROL SAY : "THIS IS RELAY CONTROL QSY 505, OUT [CALL SIGN]."

NET CONTROL SAY : "ROGER"

RELAY CONTROL QSY BACK TO 505

8. ON 505, NCS HAVE RELAY STNS-TAKE REPORTS:

RELAY CONTROL SAY:

“RELAY [EAST...], [PAUSE]
RELAY CONTROL”
“TAKE REPORTS (STEP 8), OVER”

[ALSO RELAY CONTROL COULD ADVISE FOR
RELAY TO RELAY ANY INFORMATION, ETC...
E.G., STATUS OF KNOWN FIRE ...
RECORD THIS INFORMATION ON FORMAT KILO]

RELAY [EAST] SAY : “ROGER”

RELAY [EAST] SAY: “THIS IS RELAY
[E.G., “EAST”];
ANY STATION WITH REPORTS OR
TRAFFIC, AND NOT ACKNOWLEDGED,
CALL NOW” [PAUSE]
[RELAY TAKE REPORTS]

REMINDER NOTE FOR ALL STATIONS:
USE THE DESIGNATED FORMATS – PLEASE DO NOT
MAKE CHANGES. FOLLOW THE PLAN AND USE THE
FORMATS.

NOTE: TAKE REPORTS USING FOLLOWING:
e.g., - SITREP - USE FORMAT TANGO 9A (PAGE 3)
SMOKE CHECK – USE FMT TANGO 4 (PAGE1)]

**AND [IF REPORTS RECEIVED - RELAY
[EAST] TO TX TO RELAY CONTROL REPORTS
RECEIVED] ...**

EXAMPLE OF RELAYING REPORTS:

RELAY [EAST] SAY: ALL STATIONS STAND BY,

RELAY [EAST] SAY: “RELAY CONTROL THIS IS
RELAY EAST WITH REPORTS, QRV?” (Are you ready?)

RELAY CONTROL SAY : “QRV” (“I am ready”)
RELAY EAST SAYS : “REPORT ECHO 1
END REPORT OVER”

RELAY CONTROL SAYS : “NEXT”
RELAY EAST SAYS : “REPORT ECHO 2 ... LAST
REPORT, ALL STATIONS
STAND BY,
BACK TO RELAY
CONTROL. [CALL SIGN]
OUT”

RELAY CONTROL SAYS : “ROGER”

OR [IF NO REPORTS RECEIVED]

RELAY [EAST] SAY :
“ NOTHING HEARD, ANY RELAYS ..
ALL STATIONS STAND BY,
BACK TO RELAY CONTROL
[CALL SIGN] OUT”

[RELAY CONTROL -- CONTINUE FOR EACH RELAY]

**[RELAY CONTROL TO RELAY REPORTS PROMPTLY TO NET
CONTROL - STEP 7]**

9. RELAY STNS “ISSUE STANDBY BY” : (REPEAT AS NEEDED):

RELAY CONTROL SAY:

“RELAY [EAST...], [PAUSE] RELAY CONTROL,
ISSUE STANDBY (STEP 9) , OVER”

RELAY [EAST] SAY : “ROGER”


RELAY [EAST] SAY :
“THIS IS RELAY [E.G., EAST...] -
ALL STNS, NET IN PROCESS,
STAND BY, [PAUSE]
BACK TO RELAY CONTROL, [CALL SIGN] OUT”

10. RELAY CONTROL TO RECORD NCS SUMMARY AND RECOMMENDATIONS (& INFORMATION) FROM THE PRIMARY NET;

FOR RELAY on 505 (WHICH WILL BE DONE IN STEP 11, BELOW, AFTER RECORDING).

(RELAY CONTROL GETS THIS WHILE LISTENING TO THE PRIMARY NET ON THE REPEATER FREQ)

[TX REPORTS ONLY FOR THOSE DIVISIONS / SATELITES WHO GAVE REPORTS!]

[WHEN NCS PROVIDES SUMMARY AND RECOMMENDATION ON PRIMARY NET, NCS IS TO TONE  E OR I 5 TIMES (PAUSE FOR 2 SECONDS) AND THEN REQUEST ALL STATIONS TO COPY. THIS IS TO CAUSE ALL STATIONS, AREA COORDINATORS AND RELAY CONTROL ON 505 TO HAVE THEIR ACTIVITIES PUT ON STANDBY AND TO FOCUS ON PRIMARY NET (AS THEY WILL BE RUNNING / MONITORING DIFFERENT FREQUENCIES !)]

[IF SPECIFIC AREA IN DIVISION HAS PROBLEMS – ADVISE OF SUCH]

FILL IN THE SUMMARY INFORMATION FROM NET CONTROL ONTO FORMAT KILO

11. ON 505 - RELAY CONTROL

[TONE  5 TIMES TO GET ATTENTION] – THEN

SAY: “ALL RELAY STATIONS AND ALL OTHER STATIONS COPY FOLLOWING USING FORMAT KILO”

[RELAY CONTROL RECORDED THIS INFORMATION ON FMT KILO -STEP 10 – ABOVE]

“NET CONTROL SUMMARY IS ... (use q codes here)
NET CONTROL RECOMMENDATIONS IS/ARE...
RECOMMENDED ACTION...
INFORMATION...ETC... (AS APPLICABLE)] ”

ACTION:

[RELAY STN AND ALL OTHER STATIONS (HAM AND/OR NON HAM) - RECORD NET CONTROL SUMMARY, RECOMMENDATIONS ETC... ON FORMAT KILO – YOU ARE TO USE THIS AS THE BASIS OF YOUR RELAY TRANSMISSIONS INTO AREA NETS CH 1]

[ALSO NOTE: DURING NET – INFORMATION (E.G., FIRES, HAZ MATERIAL SPILLS ETC... MAY BE RELAYED]

12. ACTION: HAVE EACH RELAY STATION RELAY SUCH INFORMATION ON 505 (DO FOLLOWING FOR EACH RELAY STATION).

RELAY CONTROL SAY:

“RELAY [EAST ...] TRANSMIT

NET CONTROL SUMMARY

AND RECOMMENDATIONS

[INFORMATION... ETC”]

FROM FORMAT KILO,

(STEP 12)

OVER”

[THIS IS DONE FOR EACH RELAY ...]

RELAY STN SAY :

“ ROGER 

“ALL STATIONS THIS IS RELAY [EAST...] 

ALL STATIONS COPY FOLLOWING AND RELAY INTO YOUR AREA NETS – CH 1 , USE FORMAT KILO:

**NET CONTROL SUMMARY IS
[INSERT - FROM FORMAT KILO]: ...**

**NET CONTROL RECOMMENDATIONS ARE
[INSERT - FROM FORMAT KILO]...**


**[AND ANY OTHER INFO -
INSERT – FROM FORMAT KILO];**

**ALL STATIONS RELAY TO YOUR
AREA CH 1 – USING Q-CODES WITH PLAIN
ENGLISH MEANING;**

**ALL STNS STAND BY;
BACK TO RELAY CONTROL
[CALL SIGN] OUT”**

13. DEACTIVATIONS:

--NCS ACTION ON PRIMARY NET FREQ. (RELAY CONTROL MUST BE LISTENING TO BOTH PRIMARY NET AND THE 505 RELAY NET FREQUENCIES)

NCS TONE  AND SAY : "Relay Control this is Net Control, Deactivate 505 Relay Net, Over."

RELAY CONTROL SAY: Roger"

--Relay Control ON 505- [ACTION: INSTRUCT EACH RELAY STATION TO DEACTIVE, IN ROTATION].

14. RELAY CONTROL ON 505 SAY:

**"RELAY [EAST...]
THIS IS RELAY CONTROL ,
DEACTIVATE (STEP 14),
OVER"**

[RELAY CONTROL IS TO REPEAT ABOVE INSTRUCTION FOR EACH RELAY STATION]

RELAY [EAST] SAY : "ROGER" 

RELAY [EAST] SAY : 

**"ALL STATIONS THIS IS RELAY (EAST);
RELAY [EAST...] IS DEACTIVATED;
ALL STNS QSY SCAN PLAN;
BACK TO RELAY CONTROL;
[CALL SIGN] OUT"**

[EACH RELAY STATION THEN QSY TO SCAN PLAN]

15. ACTION: RELAY CONTROL WILL DEACTIVE 505 RELAY NET

RELAY CONTROL ON 505 SAY:

**"ALL STATIONS THIS IS RELAY CONTROL.
505 RELAY NET IS DEACTIVED,
QSY SCAN PLAN, [CALL SIGN] OUT"**

**RELAY CONTROL ACTION: QSY TO PRIMARY
NET FREQUENCY**

RELAY CONTROL SAY (ON PRIM NET FREQ):

**"NET CONTROL THIS IS RELAY CONTROL...
505 RELAY NET IS DEACTIVATED ... COPY?"**

NCS [ON PRIMARY NET FREQUENCY]

SAY : "COPY"

**RELAY CONTROL SAY : "ROGER
[CALL SIGN] OUT."**

**["RELAY CONTROL" REMAINS ON PRIMARY NET FREQ.
UNTIL SURE PRIM. NET IS CLOSED. THEN QSY SCAN
PLAN]**

END-