

LEVEL 1

GENERAL PUBLIC DISTRIBUTION

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SHINGLETOWN EMERGENCY RADIO PLAN [SER] Net PLAN © K6PDS

COPY AT: www.ShastaDefense.com

SCAN THE PLAN and MONITOR 24/7 : Alpha 1, 2, 3, 4 AND THE ALERT FREQUENCY

SET YOUR RADIO TO SCAN THE PLAN (standard procedure during both emergency and non emergency situations).

If a frequency is "noisy", then monitor via SCAN others under THE PLAN until "noisy" frequency quiets down (or, when sleeping, Monitor at least the Alert Freq).

Want to reach a station, or a NET in process? STD Procedure: You Go Through THE PLAN FREQ. TO LOCATE. LEARN TO ROLL THROUGH FREQ.PLAN!

Reason for Scanning THE FREQ. PLAN: repeaters may go down. E.g., snow, fires, etc... You will NOT know RPTR is not working until attempt contact. Also, QTH impacts TX/RX !

BLOCK 1. SET YOUR RADIOS TO

SCAN THE PLAN FREQ. (F1, A1, A2, A3, A4) (24/7).

FOR LOCAL SITUATIONS AND EMERGENCY EVENTS THAT MAY HAPPEN - ANY TIME.

[e.g., MAJOR EARTHQUAKE, FIRE, EXPLOSION, ACCIDENT, PHONES OUT, SEVERE WEATHER (ICE, SNOW, FLOODING), ... ]

ALT. PRIM. FREQ. is set in case of rptr failure, low bat., SEE PG 2

Initial Contacts / Intake / Gather Information / Liaison

Table with columns: My Ch#, Ch ID, ALERT Only, MONITOR, MONITOR. Rows include F1, A1, A2, A3, A4, A5, A6, A7, A27.

In the case of LOCAL / REGIONAL EVENTS:

Examples include: Forest Fires; Floods, Earthquakes; Power Outages; cell and/or land lines down; Snow Storms; terrorist attacks; explosions, ...

FIRST, BE SCANNING BLOCK 1 (PLAN FREQ).

SECOND, USE BLOCK 2 - FOR PRE SCHEDULED NET TIMES FOR ONGOING EVENT (ADVISE OVER RADIO, ANY CHANGES TO TIMES).

THURSDAY NIGHT NET-USE VHF PLAN IN BLOCK #2.

BLOCK 2.

(WHEN ACTIVATED)

- USE FOR ONGOING LOCAL EMERGENCY-

NETS TO BE DONE EACH NIGHT DURING EVENT

(E.G., LOCAL SEVERE FOREST FIRES...)

PRE SET CONTACT TIMES-ONGOING SITUATIONS / EMERGENCY

At 1900 hrs VHF

[ NET WITH RELAYS TO / FROM MURS NETS AND OTHER NETS]

VHF USE FORMAT NOVEMBER - BLOCK 1

FOR FREQ. PRIORITY. [+ Murs - Neighborhood Coord. to check into VHF Net. Coord. S/B Monitoring Murs for their Area.]

At 1915 to 1955 hrs HF

[HF-ONLY WHEN ACTIVATED]

HF VOICE/DIGITAL [LOCAL / REGIONAL]

[use schedule below [HF-ONLY WHEN ACTIVATED] unless

otherwise advised on VHF net or HF net]

Nets will run only as long as

there are check ins or

information to pass. Ch ID

1915 TO 1925...Voice...A8 ...>

1925 TO 1935...Digital...A10.>

1935 TO 1945...Voice...A9 ...>

1945 TO 1955...Digital...A11.>

Any time activated CW ..A22>

Net Control(s) to "Beacon" in Morse Code to aid in locating off

frequency Net operations (e.g., freq. in use). (See FOG 004)

7.238 +/- 10 kHz LSB

7.110 MHzUSB Contestia 4/250 1000WF (PWR <30% e.g., <30 watts)

3.880 +/- 10 kHz LSB

3.580 MHzUSB Contestia 4/250 1000WF (PWR <30% e.g., <30 watts)

28.200 +/- 2 kHz CW 10 MTR. GROUND WAVE

BLOCK 3. SHERIFF / CALFIRE / EMERGENCY FREQUENCIES - SEE PAGE 3

Coordinated Universal Time: 2.500 MHz 5.000 MHz 10.000 MHz 15.000 MHz 20.000 MHz (Colorado WWV- male voice ) (Hawaii WWVH - Female voice). ALL TIMES=CALIF. TIME ON THIS PAGE. USE TONES FOR EMERG.

Note: If making initial contact, suggest calling format like this: "K6PDS, K6PDS, K6PDS, W6BEN on 760" or "K6PDS, W6BEN on 760 K6PDS, W6BEN on 760 K6PDS, W6BEN on 760" (or, would say "...on 505 simplex", if on simplex). REASON: other party may be scanning and radio needs time to cycle through frequencies. Also, advise of last digits of repeater or the simplex in BLOCK 1 so if other party only hears you (i.e., not viewing radio), they know the freq. If emergency, say, for example: " Emergency, Emergency, Emergency [YOUR CALL SIGN] on 760".

SEE PAGE 2 - FOR PRIMARY FREQ. DESIGNATION AND RPTR BATTERY CONSERVATION PROCEDURES.

SEE PAGE 3 - FOR /RF A30 TO A A95 (VARIOUS, SHERIFF, CALF FIRE.

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SER Plan Comms Lead

K6PDS

www.TaxSOS.com

Name \_\_\_\_\_ Capacity \_\_\_\_\_ FCC Call sign \_\_\_\_\_

Source of form (with modifications): Arlington Virginia CERT-RACES COMMUNICATION PLAN.

Drafting Notes: Operating Procedures for Voice Nets Arlington County RACES Basic Operator Course Unit 2 -2006 Va. RACES, Inc. Races Operating Practices - 7 "Don't say frequencies over the air / Use Comm Plan "Channel ID" designators / Refer to Arlington ICS 205 / CERT - RACES Communications Plan / Reduces malicious Interference." We need local Citizen volunteer participation to make this work!

CAUTION: this is not "911". If you have an emergency, call 911.

**PRIMARY FREQ. DESIGNATION AND RPTR BATTERY CONSERVATION**

**PROCEDURES. PURPOSE:** To specify the PRIMARY Freq. for routine traffic, when there is/has been, bad weather, non operating repeater(s), and/or other situations.

Announcement to be made by **ANY SER Station Operator** ON 146.760 [OR OTHER SCAN PLAN FREQUENCY THAT IS THE PRIMARY AT THE TIME].

**To designate ANOTHER FREQ AS THE PRIMARY, OR TO RETURN A FREQ. TO PRIMARY FREQ. STATUS for routine traffic:**

**SAY:** “ this is [call sign] **PRIMARY, USE** [insert freq. FMT N Block 1] [or “ / Alpha \_\_”] “OUT.”

Or

**SAY Q CODE (WHICH MEANS ABOVE):**

“this is [call sign] **QVN B / ALPHA** [INSERT FREQ # ] **OUT”**

Examples:

“this is k6pds **PRIMARY, USE** [insert freq ] or [ / alpha \_\_ ] out”.

or “this is k6pds **QVN B / Alpha 2** out”

**EXPLANATION:**

146.760 (Alpha 1) is the Primary Repeater Frequency under the SER Plan for routine traffic.

**NOTES:**

-Battery at 12.1 volts is 50% discharged.

**-Repeater SHUTS DOWN AT 11.75 VOLTS TO AVOID DAMAGING BATTERIES.**

-Battery at 11.5 volts will be damaged permanently with a load on it.

-Battery at 10.50 volts is fully discharged and possibly damaged.

**Under following conditions, avoid using the 146.760 repeater EXCEPT for: Emerg. Traffic / Priority Traffic, or Emerg. / Priority Tone Announce.**

**Reason: Conserve Rptr. battery (solar power only).**

**CAVEAT: Continue to scan ALL FMT N, BLK 1 Ham Freq.**

**PROCEDURE:**

SER Plan Station Operators are to **AUTOMATICALLY** designate and/or use AN Alternate Primary Frequency (i.e., ALPHA 2, ALPHA 3, OR ALPHA 4, AND IN THAT ORDER) for routine traffic when the **FOLLOWING CONDITIONS** are present (i.e., that means each station operator, observes the weather conditions. Also, make sure the Repeater you designate is actually operating):

- 1. Any Time it is snowing on Latour Butte (location of Repeater).**  
(NOTE: it might be raining in Shingletown but snowing on Latour Butte).
- 2. Any Time it has snowed on Latour Butte and there are overcast skies which prevent snow melting off of charging panels.**
- 3. Any time the Repeater Battery reports 12.6 VOLTS (or below), and/ or is not operating, and/or not operating properly.**
- 4. You are driving on Highway 44 (viewing Latour Butte) and observe that the trees are covered with snow - then designate / use an alternate Freq. On the other hand, if the trees on Latour Butte are visible (i.e., a lot of dark trees), then it may be okay to use 146.760).**
- 5. Heavy Forest Fire smoke, or heavy cloud over Latour Butte impeding solar panel charging.**

EXAMPLE: ON 11/22/2017, THE 640 RPTR (Alpha 2) IS OFF THE MOUNTAIN FOR REPAIRS. THEREFORE, IF THE ABOVE CONDITIONS (e.g., snowing on Latour butte) were to exist THEN THE ALTERNATE FREQUENCY IS AUTOMATICALLY Alpha 3.

If other Hams using 146.760, then politely advise of situation. If other operators choose to kill the battery for idle talk, we merely use our alternative FREQ. PLAN PROCEDURES.

NOTE: For each second of use during a snow storm, such use reduces the ability to use this vital repeater for emergency reporting of an accident. It is similar to turning of your car engine and leaving the lights on.

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# BLOCK 3. SHERIFF / CALFIRE / EMERGENCY FREQUENCIES – MONITOR – PAGE 3

[Block 3 is draft – please advise of any changes] [During event(s), STNS may be requested to monitor various /RF -below]

<b>VARIOUS</b>				<b>SHERIFF - Shasta County</b>				<b>CAL FIRE</b>			
My Ch# ____	<b>Ch ID</b> <b>A 30</b>	162.550	NOAA Weather Radio	My Ch# ____	<b>Ch ID</b> <b>A 70</b>	158.7300	<b>Dispatch</b>	My Ch# ____	<b>Ch ID</b> <b>A 80</b>	151.160	<b>Dispatch</b> Tac 2 Shasta – Trinity Unit 24
My Ch# ____				My Ch# ____	<b>A 71</b>	155.6100	Tactical	My Ch# ____	<b>A 81</b>	154.430	Cal Fire County Net Fire Talk
My Ch# ____	<b>A 32</b>	146.520	National simplex (primary) / wilderness Protocol	My Ch# ____	<b>A 72</b>	154.9200	CLEMARS 1	My Ch# ____	<b>A 82</b>	156.0750	<b>Cal cord</b> (mobile-on scene command) [all Emergency Vehicles have it: Police, Fire Ambulances]
My Ch# ____	<b>A 33</b>	155.160	Nat. Search and Rescue	My Ch# ____	<b>A 73</b>	154.9350	CLEMARS 2	My Ch# ____	<b>A 83</b>	151.3850	Tac 9 Shasta Trinity Unit 24
My Ch# ____				My Ch# ____	<b>A 74</b>	155.4750	CLEMARS 3	My Ch# ____	<b>A 84</b>	151.445	Tac 11 Shasta Trinity Unit 24 (air tac)
My Ch# ____				My Ch# ____	<b>A ____</b>			My Ch# ____	<b>A 85</b>	151.4600	Tac 12 Shasta Trinity Unit 24 (Helicopter– SMC)
<b>MESSAGE</b>	<b>A 34</b>	TELEPHONE BURN DAY INFO.224-8777		My Ch# ____				My Ch# ____	<b>A 86</b>	159.3750	Tac 20
<b>MESSAGE</b>	<b>A 37</b>	Call me on telephone		My Ch# ____				My Ch# ____	<b>A ____</b>		
<b>MESSAGE</b>	<b>A 38</b>	Contact me via E-mail /or check your E-mail		My Ch# ____				My Ch# ____	<b>A 95</b>	154.280	State wide fire tactical
<b>MESSAGE</b> <b>E.G.,</b> “QVN L/A80 /A1.”	<b>A 39</b> OR <b>QVNL</b> /[Ch ID] /[Ch ID]	Listen to / Monitor, or Call / [insert Ch ID] and report back as necessary on / [insert Ch ID]		My Ch# ____				My Ch# ____	<b>A ____</b>		
				My Ch# ____				My Ch# ____			