

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). CHECK FOR UPDATES.

If a frequency is "noisy", then monitor via SCAN others under THE SCAN 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 FREQ. PLAN TO LOCATE ! **Neighborhoods should also scan their neighborhood freq.**

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 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

My Ch# [Restricted]	Ch ID	ALERT Only	MONITOR	MONITOR
VHF - 2 M LOCAL	F 1			
My Ch# NON HAMS LISTEN	A 1	PRIM RPTR	146.760 - PL 107.2	< TO TX, Go HR 1ST<
VHF - 2 M LOCAL	A 2	BACK UP RPTR #2	*** removed	
My Ch# NON HAMS LISTEN	A 3	BACK UP RPTR #1	147.165 + PL 88.5	< Go here if above not available <
VHF - 2 M LOCAL	A 4	SMPLX PRIM	146.505	< Go here if above not available <

My Ch# NON Ham Neighborhd Nets	Ch ID	MURS - 3 Lic.Ham liaison w/Mur net	151.940	FIELD OP- E.G., DIRECT TRAFFIC AT ACCID.
GEN. TALK	A5			
My Ch#	A6	FOR GENERAL TALK USE A6, A7	2 MTR RPTR	147.030 + 88.5 [OR OTHER].
My Ch#	A7	SIMPLEX	146.580	smpplx [OR OTHER].
My Ch# FOR GEN. TALK	A27	MCW	146.550	smpplx [OR OTHER].
		NOTE: A5, A6, A7, A27 NOT IN SCAN PLAN. NO ALERTS. QSJ FOR GEN. TALK TO AVOID DISRUPTING SCAN PLAN.		

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).

7.238 +/- 10 kHz LSB

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

3.880 +/- 10 kHz LSB

3.580 MHz USB 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 A98 (VARIOUS, SHERIFF, CALF FIRE).

Prepared by (Communications Lead)

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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.

Form: ICS 205 / Version 20190430 Authorization iw m w z w 89s x 73 K6PDS © Page 1 of 3

***Effective 4/29/2019 the 146.640 repeater was removed from the SER Plan. The NEW leadership of Shasta Tehama Amateur Radio Service (Redding, CA) had voted to ban SER Emergency Radio Procedures (Fire, Earthquake, Storms, Evacuations, etc...) on its repeater. The prior Emergency Coordinator assisted SER (but recently died); the New STARES leadership does not. Although STARES, has imposed such ban, it has NO Emergency Procedures to replace what Shingletown Emergency Radio has been doing for over 3 years. STARES advised that it only services Red Cross Shelter operations. STARES was NOT operating during the February, 2019 Shasta County State of Emergency. SER Nets were operating and scanning for emergency traffic on a 24 hour round the clock basis and provided radio communications to residents during a time of complete communications blackout.

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.”

Example:

“this is k6pds PRIMARY, USE [insert freq] or [/ alpha ___] 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.

Version 20190430 Authorization iwm wzw 89sx

Under following conditions, avoid using the 146.760 repeater EXCEPT for: Emerg. Traffic / Priority Traffic, or Emerg. / Priority Tone Announce. Beacon only (when heard- find net).

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., A2, A3 OR A4 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 Alpha 2 RPTR WAS OFF THE MOUNTAIN FOR REPAIRS. THEREFORE, IF THE ABOVE CONDITIONS (e.g., snowing on Latour butte) were to exist and Alpha 2 is not working, etc..., 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 off your car engine and leaving the lights on.

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]

VARIOUS - monitor during situations				SHERIFF - Shasta County				CAL FIRE			
My Ch# ____	Ch ID A 30	162.550	NOAA Weather	My Ch# ____	Ch ID A 70	158.7300	Dispatch	My Ch# ____	Ch ID A 80	151.160	Dispatch Tac 2 Shasta Trinity Unit 24
My Ch# ____	Ch ID A 31	156.800	Nat. Marine Distress Freq. CH 16. On Marine radio used to make contact then QSY. Monitored by Coast Guard, CDF, Milit, Sheriff.	My Ch# ____	A 71	155.6100	Tactical	My Ch# ____	A 81	154.430	Cal Fire County Net Fire Talk : Fire Command
My Ch# ____	A 32	146.520	National simplex (prim) / wilder.Protocol	My Ch# ____	A 72	154.9200	CLEMARS 1	My Ch# ____	A 82	156.0750	Cal cord (mobile-on scene command) [all Emergency Vehicles have it: Police, Fire Ambul]
My Ch# ____	A 33	155.160	Nat. Search and Rescue	My Ch# ____	A 73	154.9350	CLEMARS 2	My Ch# ____	A 83	151.3850	Tac 9 Shasta Trinity Unit 24
My Ch# ____	A 34	121.500	Emergency Aeronautical. Monitored by CDF, Mil. Coast Guard, Sheriff	My Ch# ____	A 74	155.4750	CLEMARS 3	My Ch# ____	A 84	151.445	Tac 11 Shasta Trinity Unit 24 (air tac)
				My Ch# ____	A __			My Ch# ____	A 85	151.4600	Tac 12 Shasta Trinity Unit 24 (Helicopter– SMC)
								My Ch# ____	A 86	159.3750	Tac 20
My Ch# ____								My Ch# ____	A 87	154.010	COUNTY NET 2 FIRE TAC
								My Ch# ____	A 88	153.950	COUNTY NET 3 FIRE TAC
								My Ch# ____	A 89	151.3550	CDF COMMAND 1
								My Ch# ____	A 90	151.2650	CDF COMMAND 2
MESSAGE	A 36	Call BURN DAY INFO.224-8777		My Ch# ____				My Ch# ____	A 91	151.220	Vina Helitack
MESSAGE	A 37	Call me on telephone		My Ch# ____				My Ch# ____	A 92	151.295	Air Tack 5
								My Ch# ____	A 93	453.000	County Net Simulcast
MESSAGE	A 38	Contact me via E-mail /or check your E-mail		My Ch# ____				My Ch# ____	A 95	154.280	State wide fire tactical
MESSAGE E.G., "QVN X /A80 /A86 : /A1."	A 39 OR QVNX /[ch ID] : /[ch ID]	Listen to, Monitor, or Call / [insert Ch ID] / [insert Ch ID] : and report back as necessary on / [insert Ch ID]		MESSAGE	A 79	CALL Sheriff NON Emergency 245-6000 [A PROMT SYSTEM]		MESSAGE	A 98	CALL SHINGLETOWN CAL FIRE STN 22 AT 474-3115 (CAPT. BEBENSEE) ADVISE OF ____; RPT BACK ON ____	
				FOR INFORMATION CAL FIRE NON EMERGENCY: 225-2418 / Sheriff Substation Shingletown (may only reach answering machine): 474-5242 Dispatch Redding–non emergency line: 245-6540							