

Appendix 15 - Suggested Deployment Equipment

Uniform Item Sources

The following vendor has offered RACES patches, hats and other uniform items. This should not be considered an endorsement for any particular vendor.

The Signman of Baton Rouge, 879 Castle Kirk Drive, • Baton Rouge, LA 70808 USA
(225) 757-1545
<http://www.thesignman.com>

Sample RACES Patch/Logo:



Vests: When looking at safety vests there are a wide number of products to look at. Please consider getting a Class II/III (level of reflectivity) surveyors vest. They usually have better durability and also pockets to carry pens, paper and handie-talkie radios. Available from:

- Brite Thread, a M.L. Kishigo Company offers a variety of lightweight vests with pockets that could be used with the a RACES logo attached.
- Galeton, <http://www.galeton.com/browsecat.asp?CategoryID=34>

There are two local vendors that have our RACES Logos that can be added to shirts, jackets etc.

Cerendipitees, 4126 E. La Linda Way, Sierra Vista, AZ 85635 (520) 559-5555

Wicked Limitz, 801 E Fry Blvd, Sierra Vista, AZ 85635 (520) 459-8574

Either one also has a stock of Hats, T-Shirts, polo shirts etc for adding logos or personalization to.

The following is a list of equipment that should serve the RACES operator in a variety of assignments.

A. Personal Gear

- Appropriate clothes (Change of Clothes)
- Area Maps (i.e. Delorme AZ Map Book)
- Black electrical tape, at least one roll
- Can opener (P-38 style recommended) if not included in your multi-tool
- Cell-Phone charger (portable backup packs)

- Change of socks/underwear
- Chem-Lites/Glow Sticks
- Clipboard, Note paper, night light, (I put reflective tape on the back of my clip board)
- Clothing (Seasonal Dependent):
- Comm Log (ICS 309)
- Digital Camera (if not in your phone)
- Dust and wind goggles
- Fanny pack with radio earphone, sunscreen, chap stick, small pocket knife (Swiss Army Style),
- First-aid kit (Pain reliever, anti-itch cream, antibiotic cream, insect repellent, earplugs, band-aids, nitrile gloves, tweezers, small scissors)
- Flashlights (i.e. LED Headlamp, Mag-Lite, large and small) & matching batteries
- Food/water (3 days, suggest Meals Ready To Eat (MREs) or Heatermeals <http://www.heatermeals.com/>)
- Garbage bags (two 55 gallon and a couple large Ziplock style bags)
- Gloves for hand protection, weather dependent
- Hand-Held Radio w/ spare batteries or spare pak
- Knit cap
- Light sticks x 4 or more (12-hour, green preferred)
- Long Pants
- Message form (ICS 213),
- Multifunction Tool (i.e. Leatherman, Gerber, SOG)
- Parachute cord (two 50-foot lengths)
- Parka, (Winter kit)
- Pens, pencils, markers, note pad (i.e. "Rite in the Rain" Pad and/or pens)
- Prescribed medications (3-day supply)
- RACES Ball cap
- Snacks: i.e. Power Bars, Jerky, Beanie Weenies
- Space blanket
- Spare Batteries for your gear (i.e. AA, AAA, C, D)
- Spare prescription glasses (if you wear glasses)
- Strobe-marker light
- Sturdy shoes & extra socks
- Sun Block
- Sun glasses & hat
- Sweatshirt
- Toilet paper, Tissue
- Towel (small)
- Water (2 quarts)
- Waterless Cleaner
- Waterproof matches, butane lighters

B. Radio Gear

- Antennas (mag-mount, roll-up J)
- Broadcast radio Earphones
- Coax jumpers/feed line
- Handi-Talkie w/basic Radio Load (See "E." below)

- Power adapters (Molex, Anderson power poles, adapter cables etc.)
- Radio Quick Reference/Operating Guide for your radio
- Spare batteries (alkaline pack/clamshell)
- Spare fuses

C. Administrative Supplies

- Clip board/pad
- ICS-213 General Message Form
- ICS-214 Unit Log
- ICS-309 Communications Log
- Members Manual
- Pens/pencils

D. Overnight Gear

- Sleeping bag appropriate to the weather
- Spare Blanket/tarpaulin

E. Basic Radio Loads

Basic VHF Load

RX Frequency	RX Tone	TX Frequency	TX Tone	Location / Comment
146.7600	162.2	146.1600	162.2	Mule / Primary Club Activities
147.0200	107.2	147.6200	162.2	Mule / RACES Opns
147.0800	CSQ	147.6800	141.3	Mule / EAARS Linked
147.3400	CSQ	147.9400	162.2	Bernardino (Testing – Not on Site)
146.6400	CSQ	146.0400	127.3	Red Mountain, Patagonia
146.5200	CSQ	146.5200	CSQ	Nat. Calling Freq
146.5400	CSQ	146.5400	CSQ	Optional Tac Channel (Pima Cty)
146.5600	CSQ	146.5600	CSQ	RACES Tac Opns Channel
146.5800	CSQ	146.5800	114.8	IRLP, Tombstone
146.8800	CSQ	146.2800	110.9	Pima Cty Emerg. Svcs
146.8600	CSQ	146.2600	141.3	Heliograph, EAARS Linked
146.9000	CSQ	146.3000	141.3	Heliograph, EAARS
147.0200	CSQ	147.6200	100.0	Deming NM
146.9800	CSQ	146.3800	103.5	Silver City NM

Feel free to share any of your favorites for our area.

Some VHF Public Service Frequencies for monitoring during Search and Rescue Operations.

RX Frequency	RX Tone	TX Frequency	TX Tone	Location / Comment
155.2200	100.0			CC SAR Primary Opns
155.2200	110.9			Pima SAR

155.1600	CSQ			VSAR16/AZ SAR
155.8350	CSQ			CC Inter Agency, Med Helicopter coordination
155.2500	173.8			CC Mutual Aid-2

Amateur UHF Frequencies for those with a dual band radio:

RX Frequency	RX Tone	TX Frequency	TX Tone	Location / Comment
447.9500	CSQ	442.9500	100.0	CARA, SV Club Site
449.5250	CSQ	444.5250	100.0	CARA, Mule Mtn
449.8250	CSQ	444.8250	100.0	SV, NONBH
449.9750	CSQ	449.9750	100.0	Whetstone. K7LTN, LANTERN Club
444.6000	CSQ	449.6000	100.0	Tombstone
446.0000	CSQ	446.0000	CSQ	
446.2000	CSQ	446.2000	CSQ	
446.5000	CSQ	446.5000	CSQ	
446.5500	CSQ	446.5500	CSQ	Sometimes used on X-Band with 146.5600
448.7500	CSQ	443.7500	107.2	CACTUS Mule – Members Only
449.7000	CSQ	444.7000	107.2	CACTUS Dragoon – Members Only
448.6750	CSQ	443.6750	100.0	CACTUS Heliograph – Members Only

The Cactus Frequencies are for emergencies only. Contact Bob Hollister N7INK, Ev Wittig WB7VNF or Mike Buccarelli N7CK before use. They are CACTUS members and can take the CACTUS repeaters off link if needed for an emergency. We have a MOU to use it during emergencies. If you wish to become a CACTUS member, contact any of these members for more information.