

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET (FORM 217A)

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET Form 217A					Frequency Band VHF/UHF				Description Albemarle ARES VHF/UHF Comm Resources, 19 Aug 2021	
Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N/W	RX Tone / NAC	Mobile TX Freq	N/W	TX Tone / NAC	Mode A, D, or M	Notes
Repeater	VHAMC	Amateur	146.7300	W	151.4	146.1300	W	151.4	A	K4DND Carter Mtn.
Repeater	VHAMB	Amateur	146.8950	W	151.4	146.2950	W	151.4	M	WA4TFZ Bucks Elbow; Linked to VHAMM; C4FM capable
Repeater	VHAMM	Amateur	146.9250	W	151.4	146.3250	W	151.4	M	WA4TFZ Sentara/Martha Jefferson Hospital (MJH); Linked to VHAMB; C4FM capable
Repeater	VHAMH	Amateur	146.7600	W	151.4	146.1600	W	151.4	A	WA4TFZ Heard Mountain
Repeater	UHAMM	Amateur	444.2500	W	151.4	439.2500	W	151.4	A	WA4TFZ Sentara/Martha Jefferson Hospital (MJH)
Repeater	UHAMP	Amateur	445.8000	W	N/A	440.8000	W	N/A	A	K4DND portable
Simplex	VHAM55	Amateur	146.5500	W	N/A	146.5500	W	N/A	A	N/A
Simplex	VHAM54	Amateur	147.5400	W	N/A	147.5400	W	N/A	A	N/A
Simplex	UHAM92	Amateur	445.9250	W	N/A	445.9250	W	N/A	A	N/A
Simplex	UHAM17	Amateur	446.1750	W	N/A	446.1750	W	N/A	A	N/A

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET Form 217A					Frequency Band VHF/UHF				Description Albemarle ARES VHF/UHF Comm Resources, 19 Aug 2021	
Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N/W	RX Tone / NAC	Mobile TX Freq	N/W	TX Tone / NAC	Mode A, D, or M	Notes
Winlink Gateway	VWINB	Amateur	145.5100	W	N/A	145.5100	W	N/A	D	W4UVA-10 VHF; AX.25/FX.25/VARA FM Narrow
Winlink Gateway	UWINB	Amateur	441.0250	W	N/A	441.0250	W	N/A	D	W4UVA-10 UHF; VARA FM Wide
Winlink Gateway	VWINW	Amateur	145.0700	W	N/A	145.0700	W	N/A	D	WR4CV-10 VHF; AX.25/FX.25/VARA FM Narrow
Winlink Gateway	UWINW	Amateur	441.0750	W	N/A	441.0750	W	N/A	D	WR4CV-10 UHF; VARA FM Wide
Winlink Gateway	VWINP	Amateur	145.6100	W	N/A	145.6100	W	N/A	D	KQ9P-10 portable VHF; VARA FM Narrow
Winlink Gateway	UWINP	Amateur	441.5000	W	N/A	441.5000	W	N/A	D	KQ9P-10 portable UHF; VARA FM Wide

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET Form 217A					Frequency Band VHF/UHF				Description Albemarle ARES VHF/UHF Comm Resources, 19 Aug 2021	
Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N/W	RX Tone / NAC	Mobile TX Freq	N/W	TX Tone / NAC	Mode A, D, or M	Notes
Winlink P2P	VWIN65	Amateur	145.6500	W	N/A	N/A	N/A	N/A	D	Mode operator choice
Winlink P2P	VWIN69	Amateur	145.6900	W	N/A	N/A	N/A	N/A	D	Mode operator choice
Crossband repeat	XBR1	Amateur	445.7750	N	100.0	445.7750	N	100.0	A	Use minimum power necessary on UHF link to minimize interference
Crossband repeat	XBR2	Amateur	445.8250	N	100.0	445.8250	N	100.0	A	Use minimum power necessary on UHF link to minimize interference
Crossband repeat	XBR3	Amateur	445.8500	N	100.0	445.8500	N	100.0	A	Use minimum power necessary on UHF link to minimize interference
Crossband repeat	XBR4	Amateur	445.8750	N	100.0	445.8750	N	100.0	A	Use minimum power necessary on UHF link to minimize interference
Crossband repeat	XBR5	Amateur	445.9000	N	100.0	445.9000	N	100.0	A	Use minimum power necessary on UHF link to minimize interference

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET Form 217A					Frequency Band VHF/UHF				Description Albemarle ARES VHF/UHF Comm Resources, 19 Aug 2021	
Channel Configuration	Channel Name / Trunked Radio System Talk Group	Eligible Users	Mobile RX Freq	N/W	RX Tone / NAC	Mobile TX Freq	N/W	TX Tone / NAC	Mode A, D, or M	Notes
GMRS Repeater	GMRSP	GMRS	462.7000	W	N/A	467.7000	W	100.0	A	WQRC494 portable with 4 MS350R HTs; User must hold GMRS license and use radios capable of repeater operations
<p>A=Analog, D=Digital, M=Mixed Mode; N=Narrowband, W=Wideband <i>The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25). All channels are shown as if programmed in a portable or mobile radio. Repeater and base stations must be programmed with the RX and TX reversed.</i></p>										

Form 217A Communications Resource Availability Worksheet

Block Number	Block Title	Instructions
1.	Incident Name	Print the name assigned to the incident.
2.	Date	Enter date (month, day, year) prepared.
3.	Operational Period	Enter the time interval for which the assignment applies. Record the start date/time and end date/time (e.g., 9/17/96-0600 to 9/18/96-0600).
4.	Incident Organization	List frequencies allocated for each channel for each organizational element activated, record the number of radios required to perform the designated function on the specified frequency.
5.	Radio Data	For each radio cache and frequency assigned, record the associated function. Functional assignment for: Command Support Division tactical Ground-to-air
6.	Agency	List the frequencies for each major agency assigned to the incident. Also list the function and channel number assigned.
7.	Total Radios Required	Total each column. This provides the number of radios required by each organizational unit. Also total each row which provides the number of radios using each available frequency.
8.	Prepared By	Enter the name and position of the person completing the worksheet.

Purpose: The Radio Frequency Assignment Worksheet is used by the Communications Unit Leader to assist in determining frequency allocation.

Preparation: Cache radio frequencies available to the incident are listed on the form. Major agency frequencies assigned to the incident should be added to the bottom of the worksheet.

Distribution: The worksheet, prepared by the Communications Unit, is for internal use. Form 217A is not an official ICS form, but is routinely used in the field. It can be filled out in advance of incidents with known channels available in the region.