

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET (FORM 217A)

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET Form 217A					Frequency Band 2 Meter / 70CM / HF / HB				Description Union County ARES Frequency List Updated 2-2025	
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	N8IG Union	Ham	145.35	W	127.3	144.750	W	127.3	A	2M Repeater
Repeater	K8JWL Union	Ham	443.45	W	136.5	448.45	W	136.5	M	70cm DMR/Analog
Repeater	K8JWL Union 313966 TG Marysville TS-1	Ham	443.45	N	CC7	448.45	N	CC7	D	70CM DMR Static TG
Repeater	K8JWL Union 3139 TG OH Stwde TS-2	Ham	443.45	N	CC7	448.45	N	CC7	D	70CM DMR Static TG
Repeater	K8JWL Union 313964 TG Marion TS-2	Ham	443.45	N	CC7	448.45	N	CC7	D	70CM DMR Static TG
Repeater	K8JWL Union 31392 TG SkyWRN TS-1	Ham	443.45	N	CC7	448.45	N	CC7	D	70CM DMR Static TG Future Implementation
Simplex	Simplex Union	Ham	146.49	W	NONE	146.49	W	NONE	A	2M Union Simplex Primary
Simplex	Simplex Union	Ham	146.46	W	NONE	146.46	W	NONE	A	2M Union Simplex Backup 1
Simplex	Simplex Union	Ham	147.48	W	NONE	147.48	W	NONE	A	2M Union Simplex Backup 2
Simplex	Simplex Union	Ham	145.650	W	None	145.650	W	NONE	M	2M Union digital MT632KL
Repeater	COSWN Skywarn	Ham	146.76	W	123	146.160	W	123	A	2 Meter Repeater Skywarn
Repeater	W8VMV Hardin	Ham	146.625	W		146.025	W	85.4	A	2M Hardin County Repeater
Simplex	Simplex Hardin	Ham	147.500	W	None	147.500	W	None	A	2M Hardin County Simplex

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Repeater	W8FTV Logan	Ham	147.000	W	100	147.6000	W	100	A	2M Logan County Primary Repeater
Repeater	W8FTV Logan	Ham	443.825	W	186.2	448.825	W	186.2	A	70CM Logan County Secondary Repeater
Repeater	WB8UCD Champaign	Ham	147.375	W	100	147.975	W	100	A	2M Champaign County Primary Repeater
Repeater	K8VOR Champaign	Ham	146.995	W	100	146.395	W	100	A	2M Champaign County Secondary Repeater
Repeater	KE8RV Madison	Ham	147.285	W	NONE	147.885	W	82.5	A	2M Madison County Repeater
Repeater	W8OG Clark	Ham	145.310	W	82.5	144.710	W	82.5	A	2M Clark County Repeater High Profile in Springfield
Repeater	WW8MRN Marion	Ham	147.300	W	250.3	147.900	W	250.36	A	2M Marion County Primary Repeater
Repeater	N8DCA Delaware	Ham	145.190	W	123	144.590	W	NONE	A	2M Delaware County Primary Repeater
Repeater	KA8IWB Delaware	Ham	145.290	W	123	144.690		123	A	2M Delaware County Secondary Repeater
Repeater	W8SMK Delaware	Ham	145.170	W	74.4	144.570	W	74.4	A	2M Delaware County Repeater
Repeater	KE8O Delaware	Ham	443.55	N	NONE	448.55	N	NONE	D	70cm Delaware System Fusion ONLY Repeater
Repeater	KC8BPE Delaware 313964 TG MarionTS1	Ham	442.1375	N	CC 1	447.1375	N	CC 1	D	70cm DMR Static TG

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Repeater	KC8BPE Delaware 313966 TG Marysville TS1	Ham	442.1375	N	CC 1	447.1375	N	CC 1	D	70cm DMR Static TG
Repeater	KC8BPE Delaware 3139 TG OH Stwde TS2	Ham	442.1375	N	CC 1		N	CC 1	D	70cm DMR Static TG
Repeater	K8DDG Franklin	Ham	147.060	W	94.8	147.660	W	94.8	A	2M Franklin County Primary Repeater
Repeater	K8DDG Franklin	Ham	444.275	W	94.8	449.275	W	94.8	A	Franklin County Secondary Repeater
HF 40 meters	Ohio EMA W8SGT	Ham	7.240		None	7.240	NA	NONE	A	40 Meter
HF 40 meters	Ohio EMA W8SGT	Ham	7.244	NA	None	7.244	NA	NONE	A	40 Meter +/- QRM
HF	Ohio EMA W8SGT Primary	Ham	Channel 2	NA	None	Channel 2	NA	NONE	A	60 Meter
HF	Ohio EMA W8SGT Secondary	Ham	Channel 3	NA	None	Channel 3	NA	NONE	A	60 Meter
HF	Ohio EMA W8SGT Secondary	Ham	3.902	NA	None	3.902	NA	NONE	A	80 Meter - If 40 meters isn't working
HF	Ohio EMA W8SGT Secondary	Ham	3.906	NA	None	3.906	NA	NONE	A	80 Meter + /-QRM
Repeater	Ohio EMA W8SGT	Ham	147.06	W	94.8	147.660	W	94.8	A	2 Meter Repeater
Repeater	Ohio EMA W8SGT	Ham	146.76	W	123	146.160	W	123	A	2 Meter Repeater Wide area
HF	Ohio Digital Emergency Net	Ham	7.072	NA	None	7.072	NA	None	D	40 meters OLIVIA 8/500, PSK31, MT631K

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HF	Ohio Digital Emergency Net	Ham	Channel 3	NA	None	Channel 3	NA	None	A	60 meter voice checkin
HF	Ohio Digital Emergency Net	Ham	Channel 4	NA	None	Channel 4	NA	None	A	60 Meter voice checkin
HF	Ohio Digital Emergency Net	Ham	3.585	NA	None	3.585	NA	None	D	80 meters OLIVIA 8/500, PSK31, MT631K
Simplex	Union County EMA OPS	Union County EMA Members	159.300	N	67	159.300	N	67	A	EMA Highband Radio
Repeater	Union County EMA (future)	Union County EMA members	154.0925	N		159.0525	N		A	EMA VHF Highband Repeater – future use
Simplex	Union County Fire Dispatch	Union County EMA Members	154.250	N	162.2	154.250	N	162.2	A	Analog Fire Disp Simulcast
<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.