

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

1. Incident Name	2. Date/Time Prepared	3. Operational Period
DeKalb County ARES standing communications plan	Standing plan. Verify before use.	Standing. Supersedes any earlier copy.

4. Basic Radio Channel Use

Zone Grp.	Ch #	Function	Channel Name / Talkgroup	Assignment	RX Freq MHz	RX Tone / NAC	TX Freq MHz	TX Tone / NAC	Mode (A, D, M)	Remarks
	1	Primary voice / net	W4BOC 76	All DKARES	146.760	107.2	146.160	107.2	A	Primary repeater, Stone Mountain. Sunday net 8:00 PM. EchoLink W4BOC-R node 330246.
	2	Alternate voice	W4BOC 45	All DKARES	145.450	107.2	144.850	107.2	A	Backup repeater, Exchange Park. Used when the 76 machine is unavailable.
	3	Tactical simplex	DK SIMPLEX	All DKARES	146.460		146.460		A	County simplex. Used when no repeater is available, and for the first-Sunday simplex net.
	4	1.25 m voice	W4BOC 220	All DKARES	224.760	100.0	223.160	100.0	A	Exchange Park. Uncrowded band, useful when 2 m is congested.
	5	UHF voice / Fusion	W4BOC 440	All DKARES	444.250	131.8	449.250	131.8	M	Yaesu DR-2X in Automatic Mode Select. Accepts analog FM and C4FM.
	6	UHF DMR	W4BOC DMR	All DKARES	441.8125	CC 1	446.8125	CC 1	D	Brandmeister. TS1 Georgia Statewide 3113, TS2 Atlanta Metro 31131. Parrot 9990.
	7	APRS	W4BOC-1	All DKARES	144.390		144.390		D	Digipeater and iGate, Stone Mountain summit. Path WIDE1-1,WIDE2-1.
	8	Winlink packet	WD5EMA-10	Digital ops	145.590		145.590		D	RMS packet gateway, DeKalb Fire Rescue HQ. 1200 baud. Not registering as an RMS site as of 4 Oct 2026 and absent from the Winlink channel list. Test before relying on it; use channel 9 meanwhile.
	9	Winlink packet	WD5EMA-10	Digital ops	145.530		145.530		D	RMS packet gateway, Stone Mountain. Same SSID as channel 8 because the SSID denotes the mode: -10 is packet at either site. Gives an operator without VARA FM a local packet path. Also an AX.25 digipeater when called as WD5EMA-4.
	10	Winlink VARA FM	WD5EMA-15	Digital ops	145.530		145.530		D	VARA FM gateway, Stone Mountain. Shares this frequency with the packet gateway above, different SSID. The -15 SSID denotes VARA FM. Also a VARA FM digipeater as WD5EMA-4.
	11	HF initial contact	DK HF	HF capable	28.330		28.330		A	USB. Used for deployment instructions when VHF paths are unavailable.
	12	Wilderness protocol	2M CALL	Deployed	146.520		146.520		A	National 2 m calling frequency. Monitor five minutes from the top of the hour, every three hours, 7 AM to 7 PM.
	13	Mutual aid, N Fulton	NFARES	Liaison	147.060	100.0	147.660	100.0	A	North Fulton ARES. Neighboring county liaison.
	14	Mutual aid, Gwinnett	GCARES	Liaison	147.075	82.5	147.675	82.5	A	Gwinnett ARES, W4GR Snellville. Neighboring county liaison.
	15	Mutual aid, Atlanta	ATL ARES	Liaison	146.820	146.2	146.220	146.2	A	Atlanta ARES, W4DOC. Neighboring group liaison.

5. Special Instructions

Order of priority when an incident begins. Monitor the primary repeater 146.760. If it is unavailable, move to the alternate 145.450. If no repeater is available, use county simplex 146.460. If HF capable, tune 28.330 MHz USB. DKARES members do not self-deploy: establish contact with the EC or AEC first.

Winlink. Address traffic to the tactical address WD5EMA, or ec@dekalbares.org for e-mail. Never address traffic to a gateway SSID. Attempt Telnet first where internet is available, to reduce congestion on the RF gateways. Over RF, **the SSID denotes the mode:** WD5EMA-10 is packet, on 145.590 at Fire Rescue HQ or 145.530 on Stone Mountain, and WD5EMA-15 is VARA FM on 145.530. Select the mode your station is equipped for and the SSID follows. Stone Mountain also digipeats in both modes as WD5EMA-4, to relay a connection to a station that cannot be heard directly; it is not a gateway and holds no mail. **The Fire Rescue HQ gateway on 145.590 is not currently on the Winlink network**, so treat Stone Mountain as the working local path until that is resolved. Out-of-area HF gateways listed in the Initial Communication SOP are N5TW 14.110, KJ4YLO 7.1035 and WX4PCA-10 3.591, center frequencies.

APRS. Beacon on 144.390 using SSID -1 for a fixed station, -7 for foot mobile and -9 for a vehicle. One APRS message address is published per exercise and is not changed mid-event; any change is announced on the voice net and entered in the log.

Tone. All analog repeaters above require CTCSS on transmit. Input frequencies are shown in the TX column for completeness; program the output frequency with the standard offset.

6. Prepared by (Communications Unit Leader)

DeKalb County ARES · Emergency Coordinator, ec@dekalbares.org · Generated from the frequencies published at dekalbares.org. Verify against the live site before an operational period, and carry a printed copy in the go-kit.

Sources: DeKalb ARES published frequency data (dekalbares.org) and the DeKalb ARES Initial Communication SOP, rev 02/11/2025. Mutual aid entries from the Georgia ARES and Atlanta Metro Nets Reference, compiled May 2026.