



Operations Plan
Quarterly Drill
2023
Sussex County ARES
Hospital Drill
August 26, 2023



Sussex County,
Delaware
Amateur Radio Emergency Service

ver: 2023:08:21:1036,
rev 1

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INCIDENT BRIEFING (ICS-201) modified

1. Incident Name Quarterly Exercise 2023	2. Incident Number 2023-01QD	3. Date/Times August 26, 2023 at 0830-1200
4. Locations		
5. Station locations in Figure 1- Known participating stations:		
Bebee Medical Center Main Campus Bebee Surgical Center Bebee South Coastal EC TidalHealth Nanticoke Hospital Sussex County EOC	Lewes, DE Rehoboth, DE Frankford, DE Seaford, DE Georgetown, DE	
6. Hospital Team Leads via Voice Tactical Callsigns:		
BBMCLewes BBMCRehoboth BBMCCoastal TidalHealth Nanticoke SUSSEXEOC	K3TCO KC3DSO WA0CIE KW3Z N3ID	K2GHY KK3JOE, KC2CHA KG4MBP

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7. Hospital & other facility WinLink Tactical Callsigns

BBMCLewes	BBMC Lewes Campus, Lewes
BBMCREhoboth	BBMC Rehoboth Surgical Center, Rehoboth
BBMCCoastal	BBMC South Coastal, Frankfort
TIDALH-SFD	Tidalhealth Nanticoke Hospital, Nanticoke
WS3EOC	Sussex County EOC, Georgetown

8. Health & Safety Briefing

Announcement of “REAL WORLD EMERGENCY” will direct the NCS to stop the drill. All actions possible will be taken by NCS and/or other operators to address the emergency. NCS will restart the drill when the emergency situation has been resolved. All operators are to wear Beebe Hospital and/or other credentials.

Dial 911 when away from an assigned medical facility. If at a medical facility know your extension, the extension for security and the front desk in case assistance is needed.

All Team Leads are Safety Officers for this drill.

All participants should recognize potential Health & Safety Hazards and take action to protect yourself from hazards in all events, such as but not limited to;

Locate your station out of the walking area

Antenna locations away from power lines, blow downs, etc.

Route cabling to ensure they are not a trip hazard. Use tape

Grounding and Bonding of station equipment & generators

Identify potential hazards with cones, colored tape/rope, etc.

Always have an evacuation Plan from any operating position

Stop any unsafe task. Do not put yourself at risk of injury or illness.

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9. Current and Planned Objectives

- A. The main Purpose of this Drill is to conduct a thorough inspection of the Radio Stations. Note make, model, and serial numbers of major equipment including the assigned notebook. Record phone extension at your station as well as the facilities direct dial number and extension for security. Note any damage/issues. Take photos of the entire station, room number, etc. and submit all data after the drill to kc3dso@gmail.com.
- B. The inspection includes but not limited to:
 - 1. Check all electrical connections for voltage and continuity.
 - 2. Check for damaged and frayed wiring throughout the cart.
 - 3. Record the SWR of all antennas. All data collected shall be recorded on the ICS-214.
- C. RF Connectivity among Hospitals (and other stations)
 - 1. Connect via voice and/or data among the hospitals & Sussex EOC as directed by NCS
 - 2. If time permits connect to other stations
 - 3. Note results of voice and data comms on the attached spreadsheet.
 - 4. Having been removed from the hospitals for such a lengthy time during the pandemic, this is the opportunity to get reacquainted with hospital operations.
- D. Radio operators are to announce “THIS IS A DRILL” at the start of every voice communication. Digital messages are to have “DRILL DRILL” in the beginning of the subject line and at the end of the message body.

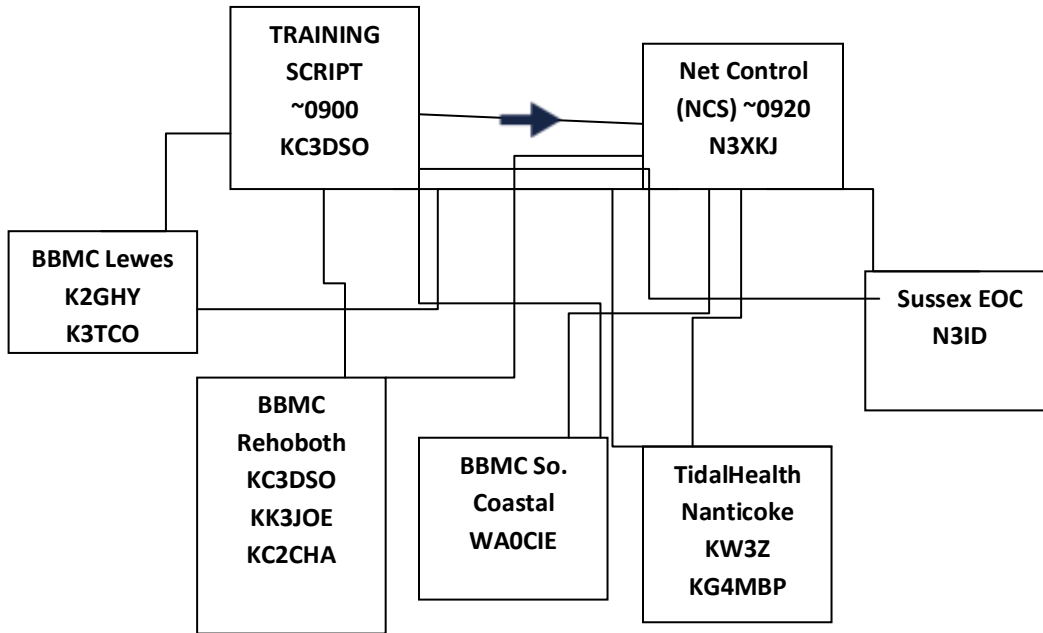
10. Frequencies

The following data/voice hospital simplex frequencies have been extracted from the Sussex Co. ARES ICS-217 (below). Table recently revised. Frequencies to be used are on the attached chart.

COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET										Frequency Band 2m/70cm/HF			Description Sussex Co. DE ARES Frequencies	
Pg No	Channel Configuration	Channel Name/Trunked Radio System Talkgroup	Eligible Users	RX Freq. N or W	RX Tone/RAC	TX Freq. N or W	TX Tone/RAC	Mode A, D or M	Remarks					
1	Pri Repeater	Millsboro	All/Echolink	147.090 W	156.70	147.69	156.7	A	Sussex Co. Primary Repeater					
2	Sec Repeater	N. Seaford	All/Echolink	146.715 W	156.70	146.115	156.7	A	Sussex Co. Secondary Repeater					
3	Third Repeater	S. Seaford	All/Fusion	145.210 W	156.70	144.610	156.70	M	Sussex Co. Third Repeater					
4	Quaternary Rx	Georgetown	All	145.310 W	156.70	144.710	156.70	A	Sussex Co. Fourth Repeater					
5	Pri Simplex	County Wide	All	145.510 W	N/A	145.510	N/A	A	Sussex Co. Primary Simplex					
6	Sec Simplex	County wide	All	144.915 W	N/A	144.915	N/A	A	Sussex Co. Secondary Simplex					
7	Winlink Simplex	County / Statewide	Winlink	145.050 W	N/A	145.050	N/A	A	Sussex Co. Winlink Frequency					
8	Winlink Simplex	Georgetown	Winlink	441.000 W	N/A	441.000	N/A	A	Winlink Gateway					
9	Winlink Simplex	S. Milford	Winlink/VARA FM	145.225 W	N/A	145.225	N/A	A	Winlink VARA FM KC3DSD-10					
10	Winlink Simplex	County Wide	P2P	145.020 W	N/A	145.020	N/A	A	Winlink P2P Simplex					
11	SKYWARN	County Wide	All/Skywarn	147.090 W	156.70	146.490	156.7	A	Sussex Co. Skywarn Primary					
12	AUXCOMM	County Wide	All	443.200 W	156.7	448.200	156.7	M	Auxcomm Fusion					
13	HF Del Em Net	Statewide	HF	3.905/4 LSB	N/A	3.905 LSB	N/A	A	Del Emergency Net Primary					
14	HF Del Em Net	Statewide	HF	7.280 LSB	N/A	7.280 LSB	N/A	A	Del Emergency Net Alternate					

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11. Net Diagram



The above diagram indicated the minimum stations activated for this drill. Other stations maybe added as the drill progresses. KC3DSO will start the drill net at approx. 0900 hours. Once that check in net is completed N3XKJ will take over the net. N3XKJ will direct communications from his QTH in Milton.

NOTE: Below In section “11 Net Control Operations” stations will be directed to send WinLink messages via RF Winlink (using a gateway) & using P2P.

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11. Net Control Operations

- A. At 0900 hrs, on the WS3ARA repeater, 147.090 (-) 156.7, KC3DSO, at Rehoboth will start a net as NCS with a general call for schedule participating hospital & other stations. This net will be run using a modified ARES Drill Net Control Script. Hospital radio operators should be ready for this 0900 hrs roll call. Stations will use their tactical voice callsign and ID as required.
- B. At ~0925 N3XKJ will take over as NCS.
- C. NCS will direct stations to change repeaters as needed to test equipment. Stations will note results in attached spreadsheet. NCS will then direct hospitals to attempt 2m simplex connection to other hospitals noting signal report. Stations will then send WinLink messages via RF as noted in "D" below. Packet connections will also be directed by Net Control. When making connections consider nearest gateways & digipeaters as you will need to connect to some stations via P2P connections. Hospitals will use their assigned WinLink Tac Callsigns.
- D. Packet communications will be tested by sending RF messages to:
 - 1) KC3DSO & N3XKJ; Note in the message the names of all operators at your station and note callsign operating voice and digital and the names of any served agency representatives at your station.
 - 2) Other stations as directed by NCS. Some can be sent via RF Gateways; others to stations via P2P.
- E. Radio operators are required to obtain permission from NCS to close their station.

12. Drill Reporting Requirements

- A. ICS-214 Activities Log shall be submitted by each operator. Be as detailed as you are able as it is used for putting the Final Drill Report together. Include issues resolved on the spot, suggest station changes, etc.
- B. Send ICS-214 and ICS-309 (generated via the drop down menu in Winlink Express) to kc3dso@winlink.org as soon as possible after conclusion of the drill.

Prepared by: Steven Keller

Position/Title: BEEBE OPS

Signature:

ICS-201 Incident Briefing

Date/Time: 2023-08:21:0833

Steven Keller, KC3DSO

Changes: 082123; Rev 1, added TidalHealth to Net Diagram; corrected KG4MBP to TidalHealth Team.

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Notes