Amateur Radio Emergency Service®
Simulated Emergency Test
2013 Player's Handbook
MDC Section ARES®

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Preface

For nearly one hundred years, headlines have periodically praised Radio Amateurs as heroes in disasters, providing radio communications when normal means were rendered unusable or inadequate. It's useful to ask what might contribute to such an enviable record. The answers are simple and direct, and have remained essentially constant throughout the existence of the Amateur Service since it became regulated by Federal Law in 1912.

The Simulated Emergency Test, sponsored by the American Radio Relay League, is a scored nationwide full-scale emergency communication exercise involving the Amateur Radio Emergency Service, the National Traffic System, and others. The SET weekend gives ARES communicators the opportunity to test the emergency communication capability within their community while interacting with NTS nets.

The success of the Maryland - DC Section ARES in providing communications during times of degraded and loss of normal communications will be very dependent on the volunteer participation of the Section Amateur Radio operators. This SET is designed to evaluate the ability of the trained operators to communicate situation awareness and status reporting from affected local areas to their local Emergency Manager and to the Maryland Emergency Management Agency when all commercial infrastructure communications fail. The SET weekend this year for the Atlantic Division MDC Section is 4-5 October.

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MDC Section SET 2013 Player Handbook

Purpose

This *SET 2013 Player Handbook* provides all exercise players with information required to participate effectively in the MDC Section Simulated Emergency Test (SET). Players should feel free to ask questions and seek clarification concerning their roles and responsibilities and the rules of exercise play.

Scope

The MDC Section 2013 SET will be a Section wide emergency communications exercise. It is intended to test our ability to provide communications for our local Served Agencies which include the MDC Division of Emergency Management and Homeland Security, the American Red Cross (ARC), local municipalities (e.g., EOCs, shelters, etc) the Maryland Emergency Management Agency (MEMA) and the Department of Health and Mental Hygiene (DHMH).

Exercise play will begin on Friday, 4 October 2013 at 1600 EDT and end at about 1800 EDT Saturday 5 October 2013 as determined by the Exercise Director (WB3KAS). ARES® play will occur over several operational periods. The exercise will be executed and controlled at the Regional level by the respective DECs.

Quoting from the American Radio Relay League (ARRL) website:

> "The ARRL Simulated Emergency Test is a nationwide exercise in emergency communications, administered by ARRL Field Organization Leaders including Emergency Coordinators, District Emergency Coordinators, Section Emergency Coordinators and Net Managers. Many other Section Leaders like the Section Manager and the Section Traffic Manager may have a hand in planning the exercises and/or reviewing the results. Amateur Radio Emergency Service® (ARES®), National Traffic System (NTS), Radio Amateur Civil Emergency Service (RACES) and other public-service oriented groups can be involved. The SET weekend gives communicators the opportunity to focus on the emergency-communications capability within your community while interacting with NTS nets…"

Please note that we are seeking maximum participation from ALL radio amateurs, in ALL jurisdictions, not just MDC ARES® members!

General Exercise Objectives

General guidelines for the SET are given at the following ARRL web link:

http://www.arrl.org/chapter-2-simulated-emergency-test-set

In addition to the SET purposes outlined on the ARRL website, the MDC Section 2013 SET Planning Committee meeting of September 7 has established the following specific Exercise Objectives:

(1) Establish emergency communications (both voice and data) within and between the three MDC ARES® Regions – to include fixed, mobile, and field-deployed stations.

(2) Encourage the use of emergency power (battery, generator, and/or mobile) by all stations during the exercise as much as possible.

(3) Maximize the number of amateur radio participants – the three Regional District Emergency Coordinators will establish Resource Nets and Tactical Nets as needed and will coordinate exercise play within their respective areas.

(4) Utilize National Traffic System (NTS) format for all record message traffic.

(5) Coordinate and integrate interplay among ARES®, NTS, and SKYWARN™ components.

(6) Incorporate appropriate elements of NIMS/ICS to the degree possible.

(7) Identify EmComm paths to MEMA for updated continuous situation awareness and status reports.

Concept of Play

At the start of the exercise the scenario will require notification of response personnel and activation of their Emergency Operations Plan (EOP) for each of the MDC ARES® Regions. Each Region will be prepared to standup Resource, Tactical, Weather/SKYWARN™, and/or Traffic Nets as needed to execute the exercise plan.

Exercise Assumptions

Coordination of Regional responses by the DEC (or his alternate) will be essential.

All participating agencies, departments, and organizations have in-place established emergency management plans, annexes, and procedures to the best of their ability.

These plans, annexes, and procedures should contain preparation, mitigation, response, and recovery elements.

Exercise players will respond in accordance with the existing plans, procedures, and policies. In the absence of applicable plans, procedures, or policies, players will be expected to apply individual and/or team initiative to satisfy response requirements.

A multi-agency response to an emergency situation will be required to support the various communities.

Exercise Artificialities

It is recognized that certain artificialities and constraints detract from exercise realism. However, exercise players are to accept artificialities as a means of facilitating the accomplishment of the exercise objectives and performance criteria. Improvisation is strongly encouraged. Do not be afraid to "make stuff up." It may well be a great learning experience for others.

We are purposely trying to conduct the test using a compressed timeline so that we can maximize participation by all radio amateurs in MDC and possible contiguous states. Some locations will be fully activated and staffed at the start of the exercise. Others will join in as the exercise progresses.

Alert, notification, and initial activation activities will be an important part of the overall exercise.

Exercise Simulation

Simulation during this exercise may be required to compensate for non-participating organizations (EOCs, etc), individuals, and field units that would actually be deployed in a real-world response. Although simulations may detract from exercise realism, the simulated incidents (including messages to and from simulated entities) provide the means to facilitate exercise play and provide for the testing of exercise objectives and specific performance criteria.

All persons, agencies, response units, citizens, and higher levels of government not actually participating in the exercise will be represented as needed by simulation or through exercise control. When players determine the need to deploy, recall, or otherwise task any resources, they must follow

existing procedures and coordinate with the appropriate ARES®, NTS, SKYWARN™, or other leadership officials as they would in an actual response. As the exercise is being played in a real-time environment, the control team will provide the players any information that they need that would otherwise have come from real sources.

Scenario Narrative

The exercise scenario will be a plausible incident (or series of incidents) that creates an urgent need for establishing emergency communications Section wide.

Players should be prepared to participate in an exercise that tests their ability to meet the Exercise Objectives stated previously. You should anticipate the involvement of ARES®, NTS, and SKYWARN™, as well as MDC DHMH Regional Offices, the Red Cross, and local municipal Emergency Operations Centers (EOCs) and shelters.

Details of the scenario will be disclosed via injects as the exercise progresses.

Player Procedures and Responsibilities

Primary players in this exercise will be licensed amateur radio operators providing emergency communications support in accordance with the protocols, procedures, frequency plans, and other guidance as detailed in the ARES® Emergency Operations Plan (EOP) in effect for their respective MDC ARES® Region (county).

Coordination and execution of the exercise plan within each of the three MDC ARES® Regions will be the responsibility of the DECs or his designee, and local Emergency Coordinators (ECs).

Safety and Security

All voice exchanges should begin and end with the phrase "**This is a drill**." Written messages should contain the word "**Test**" as part of the precedence, e.g., **Test Priority**, in the message preamble. Written messages should also include the phrase "**This is a drill**" as the first words in the text (or body) of the message. Lengthy dialogues, voice or digital, should contain several "**This is a drill**" throughout.

Should an actual emergency occur at any time during the exercise that dictates that play should stop, the phrase "**Real World**" (preferably repeated three times) shall be used to indicate that exercise play is suspended until further notice or until the emergency is resolved. ARES® officials with knowledge of the actual emergency situation should inform the Regional DEC, and the Section Emergency

Coordinator (SEC) of any pertinent details of the situation as soon as practicable. **Avoid using "This is *not* a drill."** The word "**not**" may get lost in the translation.

Communications

Communications during the SET will be in accordance with the respective EOP as promulgated for each of the three MDC ARES® Section Regions. The Exercise Director and DEC Controllers will not direct nor control the communication mode within the county region.

The DECs should ensure that contingencies are in place to make certain that Net Control Stations (NCS) are designated and prepared to conduct their respective Resource, Tactical, and/or Traffic Nets.

Statewide coordination and message handling among MDC ARES® Regions will be accomplished through the Winlink 2000 System. All traffic and situation reports (SITREPS) to the State EOC, Exercise Director, Controllers and MEMA will be done via the various protocols in Winlink 2000.

Multiple redundant channel options for all players to include but not limited to:

o Wide area coverage VHF repeaters (Target System)
o Linked VHF/UHF repeater systems (N3ST)
o HF SSB on 3.820 MHz LSB and/or 7.243 MHz LSB
o VHF packet using Winlink 2000 peer-to-peer and via local RMS packet nodes
o HF WinMOR Gateways and HF WinMOR peer-to-peer operations as necessary
o Internet email will be authorized for use for Exercise Control functions only

Adjacent county cooperation is vital in all instances where emergency communications is warranted. ECs should plan traffic between and among all common boundary counties using repeaters accessible to all involved and Winlink peer-to-peer for digital messages. Mutual Aid request shall be handled via proper protocol.

Maryland Emergency Phone Net (MEPN)

On Friday evening, October 4, the MEPN will be in session from about 1730L to 1830L (HF SSB 3820), the BTN from 1830L until done (146.67/R - Baltimore), MDD (CW) at 1900L until done, MSN at 1930L until done (training), 3RN at 1945L until done, EAN at 2030L until done, 3RN at 2130L until done, and late MDD at 2200L.

Any "real" SET traffic going around the MDC Section should be posted on MEPN by 1800L, and at the same time, any traffic going out of Section should be posted there for passage to the MDD liaison for the 1900L outbound traffic net. Traffic for the Baltimore area BTN net should be posted

on 146.67/R/107.2 at 1830L, and the BTN can also accept traffic going out of the Section to be handled by the liaison to MDD.

Not having much MEPN Traffic to keep the Net gainfully employed for the full session of SET, MEPN will be manned at the top of the hour for a 10 minute window on Saturday from 0700 to 1600 until traffic is cleared.

You are encouraged to use the MEPN system as method to get acquainted with sending and receiving formal NTS traffic.

Sending Messages (Traffic) during the Exercise

All digital traffic originators and relay stations will send a copy of their traffic to:

Maryland Emergency Management Agency - w3cbw [at] winlink.org and
MDC Section Emergency Coordinator - wb3kas [at] winlink.org

The same holds true for replying back to the originator.

Any special verbal instructions given regarding the traffic must be included in the message. Detail the intended route in the message so it can be traced if it does not reach the intended recipient.

It is important that radio operators adhered to this so that MEMA and the SEC can have evaluate the support given to served agencies.

Date/time stamp all traffic, voice or digital, sent and received in detail in the activity log.

Section Repeaters Used Throughout the Exercise

The following counties have elected to play in the SET. They will be using the respective repeaters listed in the table below.

County	Repeater Call	Frequency	Notes
Western Region			
WDC (Controller)	W3CIF	146.730 (-) pl 141.3	Used by DEC to run injects
ALLE (West)	KB3NUF	146.805 (-) pl 123.0	Linked to Target System. See Reference Section
ALLE (Cent & East)	KK3L	146.745 (-) pl 123.0	Linked to Target System. See Reference Section
FRED	K3MAD	147.060 (+) pl 123.0	Linked to Target System. See Reference Section
GARR	KB3NUF	146.805 (-) pl 123.0	Linked to Target System. See Reference Section
Central Region			
CDEC (Controller)	W3VPR	147.105 (+) pl 107.2	Used by DEC to run injects
ANAR	W3CU	146.805 (-) pl 107.2	
CALV	K3CAL	146.955 (-) PL 156.7	
CECIL	WA3SFJ KX3B	146.850 (-) pl 107.2 146.745 (-) pl 114.8	CBRA CTCSS SLARC backup
MONT	KV3B	146.955 (-) no pl	
PRGE	K3ERA	145.230 (-) pl 110.9	
Eastern Region			
EDEC (Controller)	WA3ROW	146.820 (-) pl 156.7	Used by DEC to run injects
KENT	K3ARS	147.375 (+) pl 156.7	
TALBOT	K3EMD N8AND	147.045 (+) pl 156.7 146.940 (-) pl 107.2	 Back up

Winlink 2000, an Active Player

Email has become the standard defacto method for fast written communications for all of us, including government agencies and organizations like the Red Cross and Salvation Army, replacing other means like Telegrams and Telex messages.

If a disaster strikes and a community's "Last Mile" internet link is broken, or the agency email server is down, then normal email cannot flow.

But, with Winlink 2000 it is possible to keep ARES groups and its served agencies connected globally without the normal wired Internet connection.

It allows an Amateur station to assist served agencies and keep them connected from inside a disaster area, and without normal email servers or Internet links.

It is the fastest most dependable, transparent back-up email system that bridges any distance that can automatically switch from normal "wired" Internet connections to a radio connection via VHF for short haul or HF for world wide communications.

Winlink 2000 will have a big role in the exercise. Moving messages across county and region lines will be conducted using this protocol.

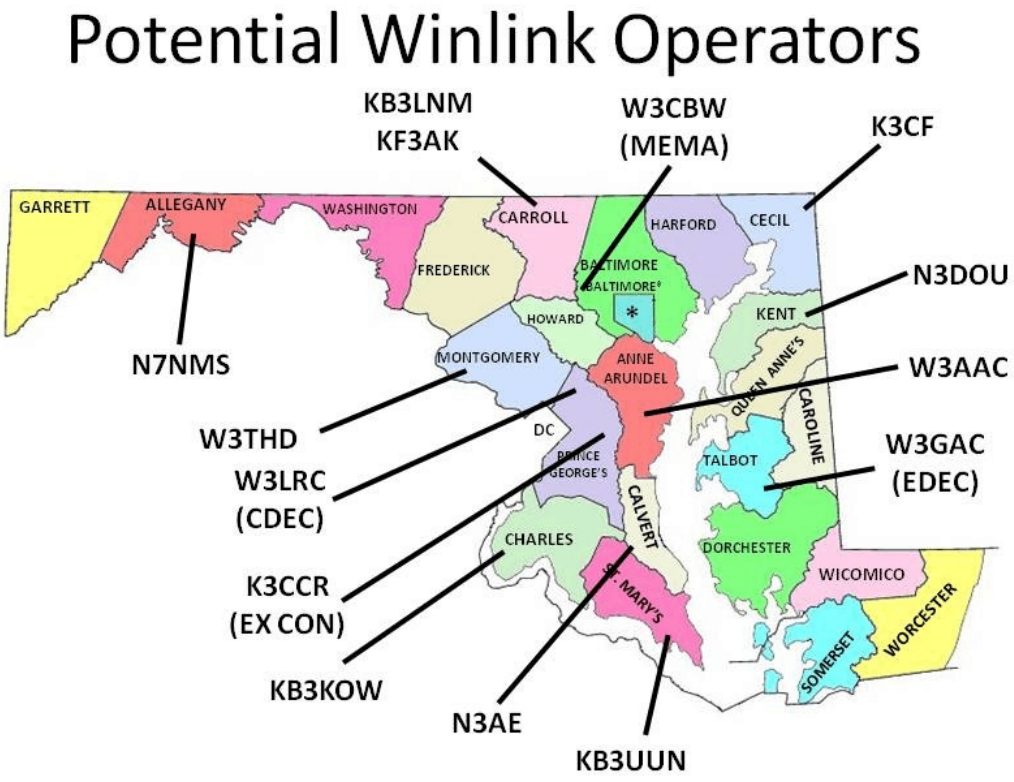
The map below shows the radio operators currently identified and willing to serve as Winlink operators, both HF and VHF.

Expected "Communication Means" by the Amateur Radio community in the exercise is any WL2K method to get the method through. Packet Peer-to-Peer (P2P), WinMOR P2P and WinMOR WL2K are viable options in that order. In a very local environment, the P2P would be your better choice followed by the WinMOR option.

The following graphic illustrates the Winlink operators around the state that will take Winlink traffic in one form or another. Most will have their RMS Express stations set to listen on the HF P2P frequencies, 3575KHz and/or 7075KHz depending on the time of day.

Last resort will be to send email traffic to a Winlink Gateway connected to the Internet.

Winlink Telnet is not to be used during the exercise.



Identified Winlink Radio Operators

Reporting

Immediately **after the conclusion of the exercise, responsible officials should complete the appropriate SET Report form (included in this handbook) – while the information is fresh and they are still engaged in the exercise process!!** These reports should be submitted to the MDC DEC for the Region involved without delay! It is ***critical*** to the SET reporting process that this be done in a timely manner, i.e., not later than one week after the exercise!!

The DECs will consolidate their Region's reports and then forward them electronically to the Exercise Scoring Coordinator, Mike N7NMS (email: N7NMS[at]arrl.net), within one week of the exercise. The Exercise Scoring Coordinator will review and consolidate the Regional reports and forward them to Jim, WB3KAS (email: wb3kas[at]aol.com), the SEC within two weeks of the exercise. The SEC will then make the final MDC Section submission to the ARRL.

Electronic versions of the ARRL SET Report Form A (EC's) & SET Report Form B (NM's) can be downloaded from the MDC ARES website or by following this ARRL web links:

http://www.arrl.org/files/file/Public Service/Form A SET 2013.doc
http://www.arrl.org/files/file/Public Service/Form B SET 2013.doc

It is expected that all groups maintain a **detailed** Activity Log throughout the exercise. This is very important. It is used to put together the final report in play-by-play action of the entire exercise in a time line fashion. You cannot put too much information in an Activity Log. Trust us on this.

To the maximum extent possible, DECs are encouraged to conduct after-action critiques to solicit comments and lessons learned. Collection and submission of input to the respective DEC from exercise players and observers is highly desirable.

Administrative Details

Any and all questions may be sent to the Exercise Director, WB3KAS [at arrl.net]

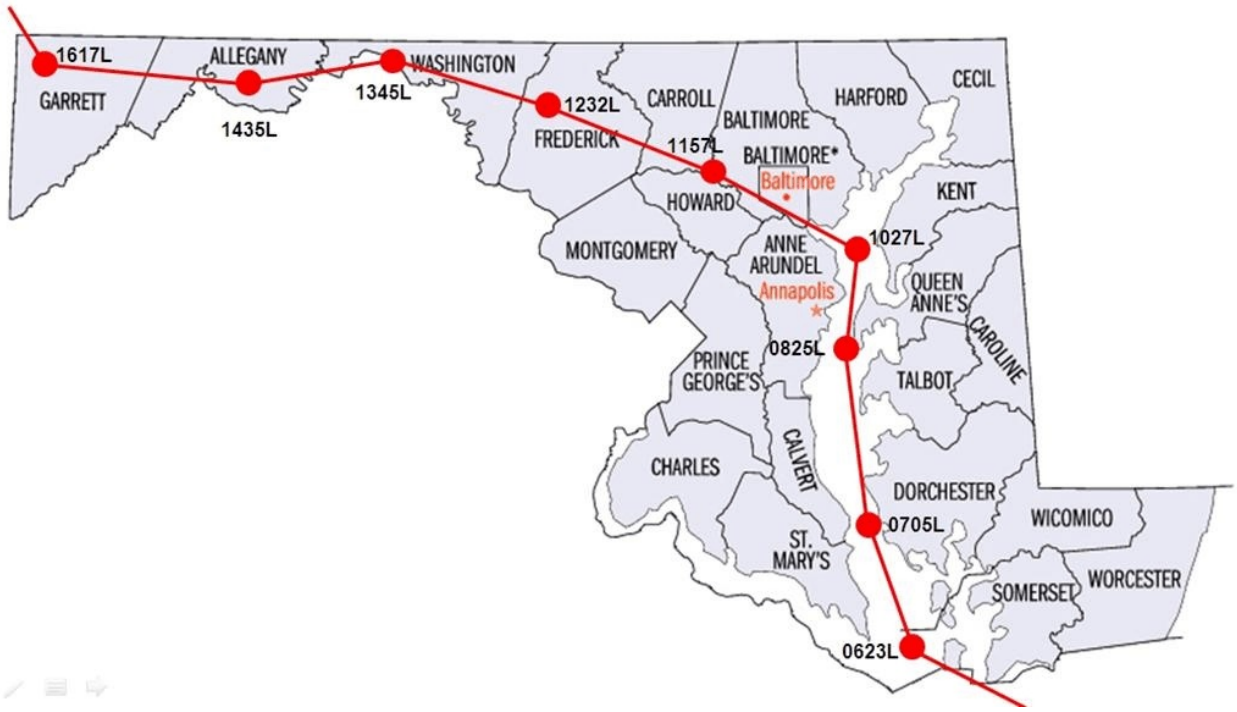
Acknowledgments

This *SET 2013 Player Handbook* was produced using the Player Handbook template provided as part of the FEMA IS-139 Exercise Design course.

Operational Periods for MDC ARES 2013 Simulated Emergency Test

The MDC Amateur Radio Emergency Service (MDC ARES) will conduct its 2013 Simulated Emergency Test (SET) 4-5 October 2013. The scenario will be based on events from a factitious hurricane forming off the coast of North Carolina. This historic Category 3 monster storm resulted in significant loss of life and property across Chesapeake Bay Region.

Hurricane "Chessie" forms off the North Carolina coast and moves into the mouth of the Chesapeake Bay, down graded to a Category 2, causing widespread flooding along the coast and into the tidal area. The mountains to the west will experience landslides due to heavy rainfall. Many portions of our state will suffer from power outages and communications disruptions. Less affected areas of the Central region will have to deal with an influx of evacuees possibly from PA.



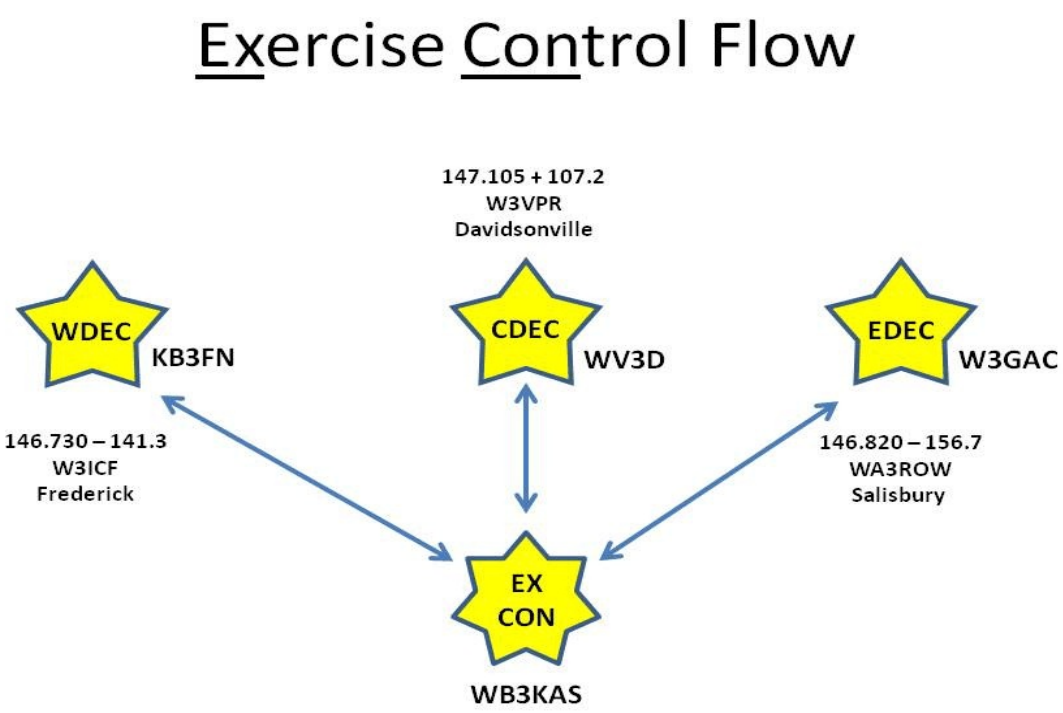
Hurricane "Chessie" Predicted Track

Each municipality/region is encouraged to participate in the statewide exercise. To the extent possible and within the limits of available resources, MDC ARES will provide Amateur Radio support to the Emergency Operations Centers (EOC) of those municipalities that request it. Where possible, we will also simulate support for the other non-requesting EOCs by deploying mobile assets in their vicinity. MDC ARES, SKYWARN, and NTS operators will be active during the exercise.

Exercise Flow Control

The control of the exercise is under the direction of the Section Emergency Coordinator (SEC) and the three regional District Regional Emergency Coordinators (DECs) for Western, Central and Eastern Regions. The SEC will introduce an inject to the DECs who will in turn relay it to known counties playing in the exercise. The recipients will mitigate these injects and formulate a response back to the originator with a copy to MEMA and the SEC. The diagram below shows the communication paths among the controllers.

ARES Mutual Assistance Team (ARESMAT) will be handled through the DECs should a request be received for additional radio operators. DECs will canvass their region for transient volunteers.



Exercise Control Flow Diagram

Injects will be controlled on a staggered basis starting with the southern most counties. As the storm travels up the Bay, activation and injects will begin with the surrounding counties of the storm eye. Activated counties should be on station approximately one hour prior to the arrival of the nearby storm. At various times, the storm will overlap Eastern with Central Region then Central with the Western region. This presents a great opportunity to take advantage of inter county communications.

References

Prince George's County Hospital Codes

BHC	Bowie Health Center	PGHC	Prince George's Hospital Center
DCH	Doctors Community Hospital	PG HD	Prince George's Health Dept
FWMC	Ft Washington Medical Center	SMHC	Southern Maryland Hospital Center
LRH	Laurel Regional Hospital		

Phonetic Alphabet

A - Alpha	H - Hotel	O - Oscar	U - United
B - Bravo	I - India	P - Papa	V - Victor
C - Charlie	J - Juliet	Q - Quebec	W - Whiskey
D - Delta	K - Kilo	R - Romeo	X - Xray
E - Echo	L - Lima	S - Sierra	Y - Yankee
F - Foxtrot	M - Mike	T - Tango	Z - Zulu
G - Golf	N - November		

C.M.R.G. Repeater System

The Central Maryland Repeater Group consist of five UHF repeaters linked together to provide coverage to a great majority of the State of Maryland. Trustee is N3ST.

Location	Frequency	Offset	CTCSS	Call Sign
Laurel, MD	444.700	+	167.9	WA3GPC
Suitland, MD	448.925	-	167.9	N3ST
Frederick, MD	444.100	+	167.9	N3ST
Baltimore, MD	449.675	-	167.9	N3ST
Orme (Baden), MD	447.075	-	167.9	N3ST

MDC Section Jurisdiction Codes

ALLE	Allegany	CECI	Cecil	HOWA	Howard	SOME	Somerset
ANAR	Anne Arundel	CHAS	Charles	KENT	Kent	STMA	St. Mary's
BACI	Baltimore City	DC	Dist of Colum	MEMA	MD Emerg Man Agency	TALB	Talbot
BACO	Baltimore Cnty	DORC	Dorcester	MONT	Montgomery	WASH	Washington
CALV	Calvert	FRED	Frederick	PRGE	Prince Geo	WICO	Wicomico
CARO	Caroline	GARR	Garrett	QUAN	Queen Ann	WORC	Worcester
CARR	Carrol	HARF	Harford				

Target Link Repeater System

Target Link Repeater System describes an Amateur Radio Repeater system comprised of a number of repeaters connected together to provide a means of communicating via portable, mobile, or fixed stations over a wide area of Pennsylvania, Ohio, Maryland, Virginia, and West Virginia, including Pittsburgh PA, Baltimore MD, and Washington DC. This system is a part of the WAN (Wide Area Network) Repeater System.

Many of the Western Region Counties playing in the exercise will most likely be using this system.

All repeaters require CTCSS of 123.0 ***except*** Damascus which uses 146.2.

Call Sign	Frequency	Offset	Repeater Location
KK3L	146.745	-	Berkeley Springs, WV
W3VLG	224.700	-	Berkeley Springs, WV
KK3L	443.850	+	Berkeley Springs, WV
W3WGX	146.835	-	Seven Springs, PA
N3VNG	145.250	-	Damascus, MD
KK3L	147.240	+	Cumberland, MD
K3MAD	147.060	+	Frederick, MD
KB8NUF	146.805	-	Oakland, MD

MDC Section SET Activity Log

1. Incident Name	2. Operational Period (Date/Time)	3. Assignment/Location	Individual Log
2013 MDC Section SET	0600-1600L October 5, 2013		ICS 214-ARES

4. Radio Operator(s):

Time (local)	To:	From:	Major Event
	NCS	ur call	Check in.

Submitted by: (name, call, email)

SET Scorecard

The points for ARES activity were awarded in the following manner:

Category		*Points*
A)	Number of amateurs participating	2 (each)
B)	Number of new amateurs (licensed since 2008)	3 (each)
C)	Number of formal third party messages originated on behalf of served agencies	1 (each)
D)	Tactical communication was conducted on behalf of served agencies: (<0.5 hour, 5 points; 0.5-1 hour, 10 points, >1 hour, 20 points)	
E)	Number of stations on emergency power during test	2 (each)
F)	Number of emergency-powered repeaters used in test	10 (each)
G)	Dual membership in ARES and RACES is encouraged	10
H)	Liaison was maintained with an NTS section/local net	10
I)	Digital modes were used during test	10
J)	Number of different agencies for which communication was provided	5 (each)
K)	Number of communities in which agencies were contacted	10 (each)
L)	Press release was submitted	10

The points for net aMDCivity were awarded in the following manner:

A)	Total number of messages handled.	1 (each)
B)	Number of different stations participating	2 (each)
C)	Number of different stations checking-in on emergency power	2 (each)
D)	Number of new amateurs (licensed since 2008) in test	3 (each)
E)	Number of net control stations	5 (each)
F)	Number of different stations performing NTS liaison	5 (each)

2013 EC SET Report

FORM A
PLEASE PRINT
Please fill out this report electronically using Word or by scanning to PDF.
Attach scans of newspaper clippings, photos, remarks, suggestions and any
other material to be used in the write-up. MDC ARES deadline for reporting is 1 September 2013.

ARRL Section:

Area of Jurisdiction:

DEC's or EC's Call sign:

E-mail address:

Date of local SET:

	Computation of score:	**#**		**Points**
A	Number of amateurs who participated in the test		**X 2**	
B	Number of new amateurs (licensed since 2008) participating		**X 3**	
C	Number of formal 3rd party written traffic messages originated or delivered during the SET on behalf of served agencies		**X 1**	
D	Were TAMDCICAL communications conducted on behalf of served agencies? (1 hour or more, score 20 points; ½ hour to 1hour, score 10; less than ½ hour, score 5.)		**N/A**	
E	Number of stations on emergency power during the test		**X 2**	
F	Number of emergency-powered repeaters used during the test Give call signs of repeaters:		**X 10**	
G	Is *dual* membership in ARES and RACES actively encouraged? If YES, score 10 points.			
H	Was liaison maintained during the SET with an NTS section or local net? If YES, score 10 points. Give call signs of station(s) performing liaison:			
I	Were digital modes utilized at any time during the exercise? If YES, score 10 points. Name the digital modes utilized:			
J	Number of different agencies for which communications were handled		**X 5**	
K	Number of communities in which agencies were contacted. (If none, score MINUS 10) Name the community(ies) served:		**X 10**	
L	Was a press release submitted? If YES, score 10 points, attach copy.			
	TOTAL NUMBER OF POINTS			

MDC ARES deadline for reporting is 1 September 2013. E-mail the form to N7NMS[at]arrl.net

2013 NM SET Report

FORM B
PLEASE PRINT
Please fill out this report electronically using Word or by scanning to PDF.
MDC ARES deadline for reporting is 1 September 2013.

ARRL Section:
Net Name:
Coverage Area:
NM's Call sign:
E-mail address:
Date of SET activity:

Is the net associated with ARES?	
Is the net associated with RACES?	
Is the net part of the National Traffic System?	
Liaison was maintained with which NTS nets?	
Traffic Totals:	Emergency ___ + Priority ___ + Welfare ___ + Routine = TOTAL ____
Total time of operation:	___Hours ____Minutes

	Computation of score			***Points***
a	TOTAL number of messages handled		**X 1**	
b	Number of different stations participating		**X 2**	
c	Number of different stations checking-in on emergency power		**X 2**	
d	Number of new amateurs (licensed since 2008) participating		**X 3**	
e	Number of different net control stations		**X 5**	
f	Number of different stations performing NTS liaison (including stations who liaise *from* local nets to higher nets)		**X 5**	
	TOTAL NUMBER OF POINTS FOR NET SET OPERATION			

MDC ARES deadline for reporting is 1 September 2013. E-mail the form to N7NMS[at]arrl.net