C a l v e r t   C o u n t y   M a r y l a n d

ARES/RACES Quick Reference Information Document

Contact Information

Name	Home	Cell	Work
Emergency Coordinator Dennis Bowling, N3QHC	410.286.0180	410.610.9220	202.438.0904
Assistant Emergency Coordinator Les Dickey, N3YR	301.855.1919	NA	NA
Assistant Emergency Coordinator Shawn Donley, N3AE	410.535.5236	240.298.3115	301.342.8522
Assistant Emergency Coordinator Wayne Rogers, N1WR	410.394.0313	410.474.8364	NA
Assistant Emergency Coordinator Brian Kress, KB3WVF	410-257-7100	301-641-1674	301-627-4900

Drum Point Community EOC
401 Lake Drive
Lusby, MD 20857
Tel: 410.326.6148
KB3TGF

IN THE EVENT OF AN ACTIVATION

1.	Make sure your home and family are secure before responding to any request for help.
2.	If instructed, tune to the frequency indicated by the phone call or email. Otherwise, tune to 146.985 and check into the Net.
3.	Add the last minute items to your 'go-kit" and make sure you have directions to your deployment location and the necessary identification. Fill vehicle with gasoline.
4.	Report as indicated. Remember that you may be the first operator on scene. Be polite and helpful and if possible, choose the best tactical location to set up a station.
5.	If asked to move by a site manager, MOVE. If you can ascertain the reason for the move, please note it and pass it on to the EC for the after action report.
6.	Always remember to get permission to "check-out' of a net, even if it is for a bathroom break. Never leave your radio without telling the NCS.
7.	At the end, of activation return the operating space back to 'normal'. Make sure the site manager knows you are leaving, Check out of the Net unless you have been instructed to leave.

CALVERT COUNTY ARES OPERATIONS

STANDARD OPERATING INSTRUCTION

1. Any CALV ARES Station can initiate the CALV ARES NET if the need exists.

2. Initiate a Resource Net to pool resources by following the

   CALVERT ARES EMERGECY ACTIVATION NET SCRIPT

3. Using their best judgment, CALV ARES Stations can evaluate a situation and initiate Tactical Operations.

4. Attempt to contact CALVERT ARES or RACES Leadership

CALV ARES EMERGENCY ACTIVATION NET SCRIPT

- CQ NET, CQ NET, CQ NET, THIS IS **YOUR CALL** (phonetically), ACTIVATING THE CALVERT COUNTY ARES NET

- NET CONTROL WILL BE **YOUR CALL** AND MY NAME IS **YOUR NAME**

- ASK FOR BACKUP NCS AND ACKNOWLEDGE

- REMINDER THIS IS A DIRECT NET AND ALL TRAFFIC MUST BE ROUTED THROUGH NET CONTROL

- (GIVE A BRIEF SITUATION REPORT WHY THE NET IS BEING CALLED)

- I WILL NOW TAKE CHECK-INS, WHEN CHECKING IN PLEASE KEY MIKE AND SAY "THIS IS **CALLSIGN** AND UNKEY. IF YOU DID NOT DOUBLE THEN SAY YOUR CALL, NAME, YOUR LOCATION AND IF YOU ARE MOBILE   I WILL FIRST WITH EMERGENCY TRAFFIC, THEN MOBILE, CALVERT RACES/ARES OFFICERS, CALVERT ARES STATIONS AND THEN ALL OTHER STATIONS

- ANY STATION WITH EMERGENCY TRAFFIC PLEASE CALL NOW

- MOBLE STATIONS PLEASE CALL NOW

- CALVERT COUNTY ARES/RACES OFFICERS PLEASE CALL NOW

- TAKING CHECKINS FOR CALVERT COUNTY ARE STATIONS PLEASE CALL NOW

- ARE THERE ANY OTHER STATIONS CALL PLEASE CALL NOW

- (LOG CHECKINS: CALLSIGN, NAME, LOCATION AND IF MOBILE)

- (AFTER ACKNOWLEDGING ABOUT TEN CHECKINS GIVE A BRIEF SITUATION REPORT WHY THE NET IS BEING CALLED AND ASK FOR MORE CHECKINS)

- ASK FOR LIAISON STATION FOR MEPN, 3820, if needed

- ASK FOR LIASONE STATION FOR CENTRAL REGION NET AT 147.105 PL102.7, if needed

- ASK FOR LIAISON STATION FOR WINLINK, If needed

- (ATTEMPT TO CONTACT CALVERT COUNTY ARES/RACES LEADERSHIP)

- (GIVE UPDATED SITUATION REPORT EVERY 10 MINUTES OR AS NEEDED)

- (CONTINUE IN THIS FASHION)

- AT THIS TIME WE WILL BE CLOSING THE NET AT **CURRENT TIME**

- THIS IS **YOUR CALL** RETURNING NET TO NORMAL AMATEUR USE. WE WOULD LIKE TO THANK THE CALVERT AMATEUR RADIO ASSOCIATION FOR THE USE OF THEIR REPEATER.

- THE NET IS NOW CLOSED, **YOUR CALL**

Common Frequencies

Name	Frequency	Purpose
CALVERT OPS	146.985 (NEG) (PL156.7)	Operations Net
CALVERT SIMPLEX VHF	146.580	Primary Simplex Operation Net
CALVERT SIMPLEX UHF	445.500	Primary Simplex Operation Net
CRN	147.105 (POS)	Central Region Net
BTN	144.67 (NEG) (PL 107.2)	Baltimore Traffic Net
MEPN	3820	Maryland Emergency Phone Net 1800-hours Daily
MSN	3717	Maryland Slow Net 1930-hours Daily
RACNET	145.75	R.A.C.E.S. Packet Net (WL2K)
FAIRFAX	146.790	Fairfax ARES Logistics & Operational Net
NCAC MD	147.105 (POS)	Washington Metro Region Logistical Net (MD)
NCAC VA	146.910+	Washington Metro Region Logistical Net (VA)
SKYWARN Sterling Va.	147.300+	Skywarn/Dist 2/NVTN
SKYWARN Southern Md.	NA	Skywarn Southern MD Net
VEN/A	3947 kHz ALT 7249 kHz	VA State HF Emergency Net

EOC and Calvert Memorial Hospital Location
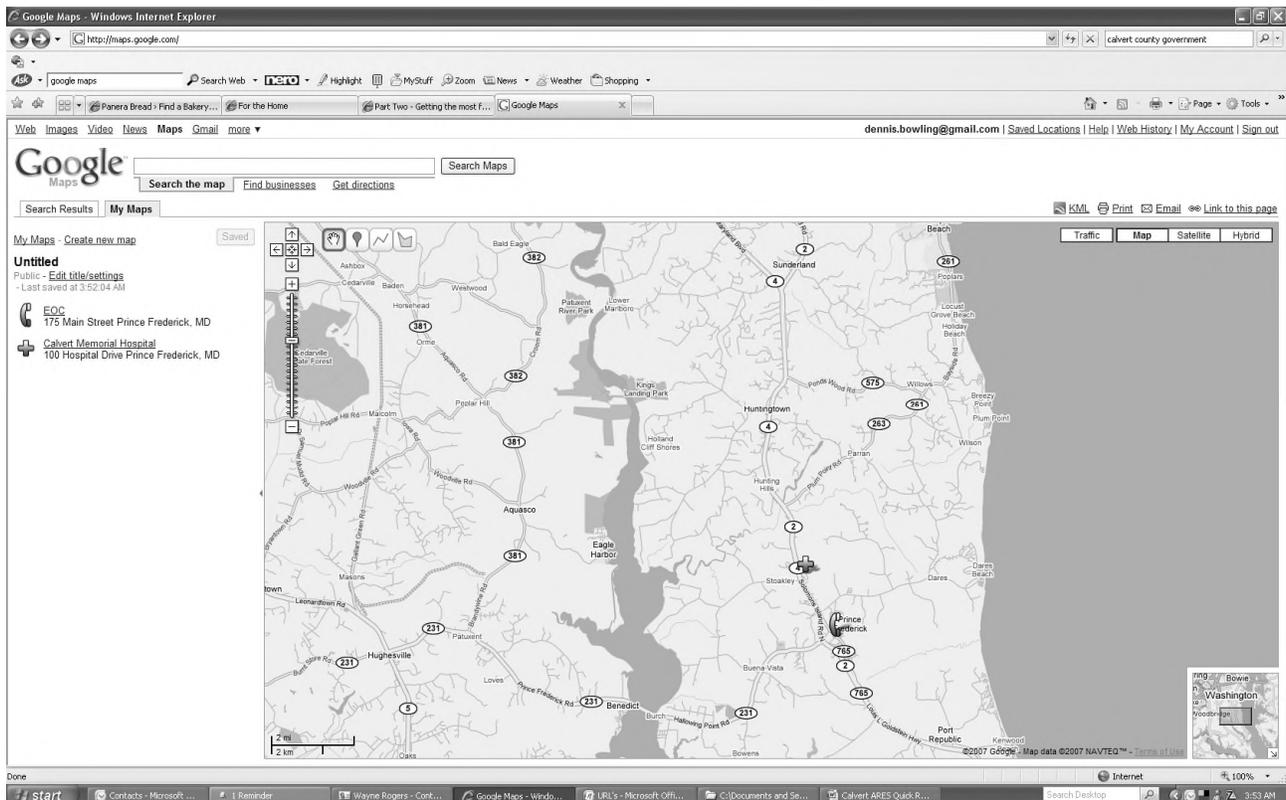
In-County Sheltering
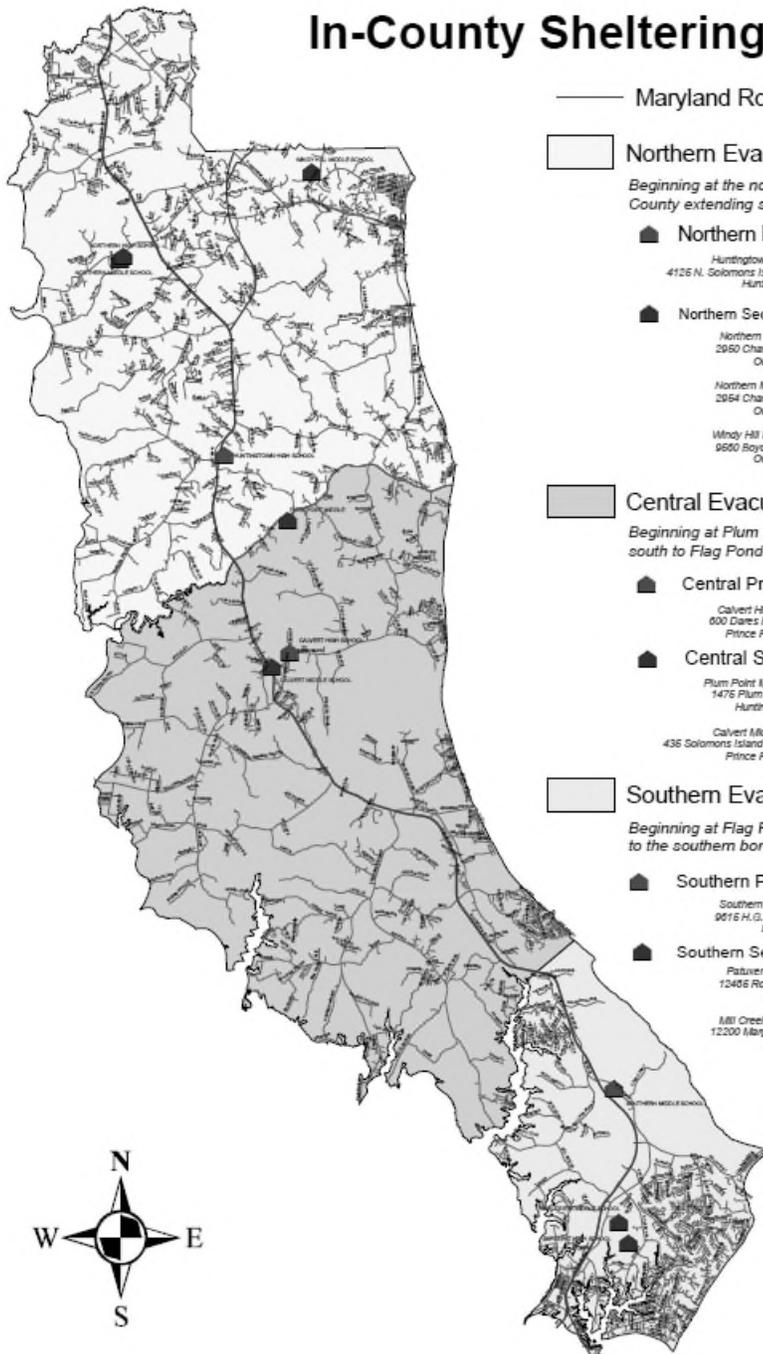
—— Maryland Route 2/4

◻ **Northern Evacuation District**

Beginning at the northern border of Calvert County extending south to Plum Point Road

⌂ **Northern Primary Shelter**

*Huntingtown High School
4126 N. Solomons Island Road (MD Rt. 2/4)
Huntingtown*

⌂ **Northern Secondary Shelters**

*Northern High School
2950 Chaneyville Road
Owings*

*Northern Middle School
2954 Chaneyville Road
Owings*

*Windy Hill Middle School
9550 Boyd's Turn Road
Owings*

◻ **Central Evacuation District**

Beginning at Plum Point Road extending south to Flag Ponds Parkway

⌂ **Central Primary Shelter**

*Calvert High School
600 Dares Beach Road
Prince Frederick*

⌂ **Central Secondary Shelters**

*Plum Point Middle School
1475 Plum Point Road
Huntingtown*

*Calvert Middle School
435 Solomons Island Road N. (MD Rt. 2/4)
Prince Frederick*

◻ **Southern Evacuation District**

Beginning at Flag Ponds Parkway extending to the southern border of Calvert County

⌂ **Southern Primary Shelter**

*Southern Middle School
9615 H.G. Trueman Road
Lusby*

⌂ **Southern Secondary Shelters**

*Patuxent High School
12485 Rousby Hall Road
Lusby*

*Mill Creek Middle School
12200 Margaret Taylor Road
Lusby*

N W E S

Mass Care Shelters

SHELTER	ADDRESS	CITY	TELEPHONE	LOCATION PRIMARY	SECONDARY
CALVERT HIGH SCHOOL	600 DARES BEACH RD	PR.FREDERICK	410.535.7330	NORTH	
CALVERT MIDDLE SCHOOL	435 SOLOMONS ISLAND RD (RT2/4)	PR FREDERICK			NORTH
HUNTINGTOWN HIGH SCHOOL	4125 N. SOLOMONS ISLAND RD	HUNTINGTOWN	410.414.7036	CENTRAL	
MILL CREEK MIDDLE SCHOOL	12200 MARGARET TAYLOR RD	LUSBY			SOUTH
NORTHERN HIGH SCHOOL	2950 CHANEYVILLE RD	OWINGS	410.257.1519		CENTRAL
NORTHERN MIDDLE SCHOOL	2945 CHANEYVILLE RD	OWINGS	410.257.1622		CENTRAL
PAXUXENT HIGH SCHOOL	12485 ROUSE HALL RD	LUSBY	410.535.7865		SOUTH
PLUM POINT MIDDLE SCHOOL	1375 PLUM POINT ROAD	HUNTINGTOWN	410.535.7400		NORTH
SOUTHERN MIDDLE SCHOOL	9525 HB TRUEMAN RD	LUSBY	410.535.7377	SOUTH	
WINDY HILLS MIDDLE SCHOOL	9560 BOYDS TURN RD	OWINGS	410.257.1560		CENTRAL

Go-Kit Essentials

Must have Gear	Important Things
❑ Identification (driver's license, FCC license) ❑ Radio (at least a 5w 2m.440 HT w/batteries and a copy of the manual) ❑ Antenna (1/4 wave, magnetic mount preferred) ❑ Stationary Supplies (Paper, pencil/pen, TP/paper towel, ARRL message form, IC-213) ❑ Personal medication ❑ Appropriate clothing and footwear (including hat and rain coat) ❑ Food & water (snacks, etc)	❑ Money (small bills, change) ❑ Extra power (spare dry cell battery case and batteries, "wall wart" charger, pig tails, power supply ❑ Antenna connectors (SMA/BNC/PL259 and assorted others) ❑ Noise reductions devices (headphones/boom mike) ❑ Reference material (frequency charts and repeater/net guides) ❑ Flashlight. Multi-tool, duct/gaffers tape, loose wire, cable ties, work gloves ❑ First-aid kit

CARA Preferred Channel Setup

CH #	FREQ	ARES/ RACES	OFFSET	PL	LOCATION
1	146.985	Y	NEG	156.7	CALVERT COUNTY EOC
2	146.580	Y	S		Calvert RACES/ARES Simplex*
3	146.985	Y	S		Simplex on K3CAL repeater output*
4	147.150		POS	114.8	Cheltenham
5	147.390		POS	146.2	HOLLYWOOD, MD
6	147.195		POS	156.7	LAPLATA
7					
8	147.105	Y	POS		CENTRAL REGION NET
9	147.300	Y	POS	146.2	Bluemont VA
10	145.350		NEG	156.7	Waldorf
11	146.640	Y	NEG	146.2	ST. MARY'S COUNTY EOC
12	147.045	Y	POS	156.7	TALBOT COUNTY EOC (Easton)
13	146.820		NEG	156.7	Salisbury MD
14	146.520		S		National Calling Frequency*
15	146.610	Y	NEG		PRINCE GEORGE COUNTY EOC
16	145.390	Y	S	186.2	CHARLES COUNTY EOC
17	146.850		NEG		Charles Co Blossum Pt (TSQL 131.8)
18	146.955	Y	NEG		MONTGOMERY COUNTY EOC
19	146.655	Y	NEG	141.3	Mount Vernon VA
21	162.550	NA	S		NOAA Weather Radio (Rx ONLY)
30					
31	442.750	Y	POS	156.7	MONTGOMERY COUNTY EOC
32	443.700	Y	S		CHARLES COUNTY EOC [TSQL 179.9]
33	445.500		S		Calvert ARES Simplex*
35	443.600		POS		SMARC Croom MD
36	443.050		POS		St. Mary's County (Lexington Park, MD)

*Open Squelch
Channel numbers in RED are RACES Stations

If the repeater goes off-line, monitor the OUTPUT (146.985 Simplex) for instructions on which frequency to tune to!
< In EmComm condition monitor on the Hour >

SKYWARN Reports and Information
- lwx-report@noaa.gov - Web address for Reports

- (703) 260-0205 NWS STERLING – Call in Reports
- (800) 253-7091 NWS STERLING – Call in Reports
- APRS set Protocol to LWX or SKYWRN

- NOAA Radio 162.55 MHz - Manassas, VA
- Calvert County S.A.M.E. code is 024009

Traffic Handling Quick Reference

Group One--For Possible "Relief Emergency" Use

ONE--Everyone safe here. Please don't worry.

TWO--Coming home as soon as possible.

THREE--Am in _____ hospital. Receiving excellent care and recovering fine.

FOUR--Only slight property damage here. Do not be concerned about disaster reports.

FIVE--Am moving to new location. Send no further mail or communication. Will inform you of new address when relocated.

SIX--Will contact you as soon as possible.

SEVEN--Please reply by Amateur Radio through the amateur delivering this message. This is a free public service.

EIGHT--Need additional _____ mobile or portable equipment for immediate emergency use.

NINE--Additional _____ radio operators needed to assist with emergency at this location.

TEN--Please contact _____. Advise to standby and provide further emergency information, instructions or assistance.

ELEVEN--Establish Amateur Radio emergency communications with _____ on _____ MHz.

TWELVE--Anxious to hear from you. No word in some time. Please contact me as soon as possible.

THIRTEEN--Medical emergency situation exits here.

FOURTEEN--Situation here becoming critical. Losses and damage from _____ increasing.

FIFTEEN--Please advise your condition and what help is needed.

SIXTEEN--Property damage very severe in this area.

SEVENTEEN--REACT communications services also available. Establish REACT communication with _____ on channel _____.

EIGHTEEN--Please contact me as soon as possible at _____.

NINETEEN--Request health and welfare report on_____. (State name, address and telephone number.)

TWENTY--Temporarily stranded. Will need some assistance. Please contact me at _____.

TWENTY ONE--Search and Rescue assistance is needed by local authorities here. Advise availability.

TWENTY TWO--Need accurate information on the extent and type of conditions now existing at your location. Please furnish this information and reply without delay.

TWENTY THREE--Report at once the accessibility and best way to reach your location.

TWENTY FOUR--Evacuation of residents from this area urgently needed. Advise plans for help.

TWENTY FIVE--Furnish as soon as possible the weather conditions at your location.

TWENTY SIX--Help and care for evacuation of sick and injured from this location needed at once.

EMERGENCY/PRIORITY MESSAGES ORIGINATING FROM OFFICIAL SOURCES MUST CARRY THE SIGNATURE OF THE ORIGINATING OFFICIAL.

Group Two--Routine messages

FORTY SIX--Greetings on your birthday and best wishes for many more to come.

FIFTY--Greetings by Amateur Radio.

FIFTY ONE--Greetings by Amateur Radio. This message is sent as a free public service by ham radio operators at _____. Am having a wonderful time.

FIFTY TWO--Really enjoyed being with you. Looking forward to getting together again.

FIFTY THREE--Received your _____. It's appreciated; many thanks.

FIFTY FOUR--Many thanks for your good wishes.

FIFTY FIVE--Good news is always welcome. Very delighted to hear about yours.

FIFTY SIX--Congratulations on your _____, a most worthy and deserved achievement.

FIFTY SEVEN--Wish we could be together.

FIFTY EIGHT--Have a wonderful time. Let us know when you return.

FIFTY NINE--Congratulations on the new arrival. Hope mother and child are well.

SIXTY--Wishing you the best of everything on _____.

SIXTY ONE--Wishing you a very Merry Christmas and a Happy New Year.

SIXTY TWO--Greetings and best wishes to you for a pleasant _____ holiday season.

SIXTY THREE--Victory or defeat, our best wishes are with you. Hope you win.

SIXTY FOUR--Arrived safely at _____.

SIXTY FIVE--Arriving _____ on _____. Please arrange to meet me there.

SIXTY SIX--DX QSL's are on hand for you at the _____ QSL Bureau. Send _____ self addressed envelopes.

SIXTY SEVEN--Your message number _____ undeliverable because of _____. Please advise.

SIXTY EIGHT--Sorry to hear you are ill. Best wishes for a speedy recovery.

SIXTY NINE--Welcome to the _____. We are glad to have you with us and hope you will enjoy the fun and fellowship of the organization.

"Hotel" Codes

HXA--(Followed by number) Collect landline delivery authorized by addressee within....miles. (If no number, authorization is unlimited.)

HXB--(Followed by number) Cancel message if not delivered within....hours of filing time; service originating station.

HXC--Report date and time of delivery (TOD) to originating station.

HXD--Report to originating station the identity of station from which received,

plus date and time. Report identity of station to which relayed, plus date and time, or if delivered report date, time and method of delivery.

HXE--Delivering station get reply from addresses, originate message back.

HXF--(Followed by number) Hold delivery until....(date).

HXG--Delivery by mail or landline toll call not required. If toll or other expense involved, cancel message and service originating station.

ARRL Recommended Precedence

Please observe the following ARRL provisions for PRECEDENCES in connection with written message traffic. These provisions are designed to increase the efficiency of our service both in normal times and in emergency.

EMERGENCY--Any message having life and death urgency to any person or **ROUTINE**--Most traffic in normal times will bear this designation. In disaster situations, traffic labeled Routine (R on CW/RTTY) should be handled last, or not at all when circuits are busy with higher precedence traffic.

Note--the precedence always follows the message number. For example, a message number may be 207R on CW and "Two Zero Seven Routine" on phone.

FSD-3 (1/04)

group of persons, which is transmitted by Amateur Radio in the absence of regular commercial facilities. This includes official messages of welfare agencies during emergencies requesting supplies, materials or instructions vital to relief of stricken populace in emergency areas. During normal times, it will be *very* rare. On CW/RTTY, this designation will *always* be spelled out. When in doubt, do not use it.

PRIORITY--Use abbreviation P on CW/RTTY. This classification is for a) important messages having a specific time limit b) official messages not covered in the emergency category c) press dispatches and emergency-related traffic not of the *utmost* urgency d) notice of death or injury in a disaster area, personal or official.

WELFARE--This classification, abbreviated as W on CW/RTTY, refers to either an inquiry as to the health and welfare of an individual in the disaster area or an advisory from the disaster area that indicates all is well. Welfare traffic is handled only after all emergency and priority traffic is cleared. The Red Cross equivalent to an incoming Welfare message is DWI Disaster Welfare Inquiry).

The American Radio Relay League
RADIOGRAM
Via Amateur Radio

Number	Precedence	HX	Station of Origin	Check	Place of Origin	Time Filed	Date

To:

This Radio Message was received at:

Amateur Station_____ Date_____
Name_____
Street Address_____
City, State, Zip_____

Telephone Number:

_____ _____ _____ _____ _____

_____ _____ _____ _____ _____

_____ _____ _____ _____ _____

_____ _____ _____ _____ _____

_____ _____ _____ _____ _____

From	Date	Time	To	Date	Time
REC'D			SENT		

```
          The American Radio Relay League
                    RADIOGRAM
              Via Amateur Radio
```

Number	Precedence	HX	Station of Origin	Check	Place of Origin	Time Filed	Date

To:

```
┌─────────────────────────────────────────────┐
│ This Radio Message was received at:           │
│                                               │
│ Amateur Station_____ Date_____    │
│ Name_____   │
│ Street Address_____   │
│ City, State, Zip_____   │
└─────────────────────────────────────────────┘
```

Telephone Number:

_____   _____   _____   _____   _____

_____   _____   _____   _____   _____

_____   _____   _____   _____   _____

_____   _____   _____   _____   _____

_____   _____   _____   _____   _____

From	Date	Time		To	Date	Time
REC'D				SENT		

A licensed Amateur Radio Operator, whose address is shown above, handled this message free of charge. As such messages are handled solely for the pleasure of operating, a "Ham" Operator can accept no compensation. A return message may be filed with the "Ham" delivering this message to you. Further information on Amateur Radio may be obtained from ARRL Headquarters, 225, Main Street, Newington, CT 06111.

The American Radio Relay League, Inc. is the National Membership Society of licensed radio amateurs and the publisher of QST Magazine. One of its functions is promotion of public service communication among Amateur Operators. To that end, The League has organized the National Traffic System for daily nationwide message handling.

MDC EMERGENCY RESPONSE PLAN
(MDC ERP)

SUMMARY - OVERVIEW

Back to SM Home Page

On this page:

MDC NETS AND REGIONS
    JURISDICTIONS
ERP ORGANIZATION
EMERGENCY NET OPERATIONS
    ERP LIAISONS
WL2K - NTSD EMERGENCY NOTES
DAILY NTS NET OPERATIONS

The Maryland-District of Columbia (MDC) Emergency Response Plan establishes guidelines and requirements for activation of MDC ARES® and NTS/NTSD resources, coordination with RACES operations in the MDC jurisdictions, and joint operations during local, regional,

Section-wide, and multi-state emergencies.

The Amateur Radio Emergency Service (ARES®) and National Traffic System (NTS) are parts of the American Radio Relay League (ARRL) Field Services organization. ARES® provides emergency communications to the public and many served agencies. The NTS provides the Section-wide and nation-wide message handling manual net system and its parallel digital system, NTS Digital (NTSD). Both ARES® and the NTS/NTSD also utilize the global amateur radio Winlink 2000 (WL2K) radio-email system.

MDC NETS AND REGIONS
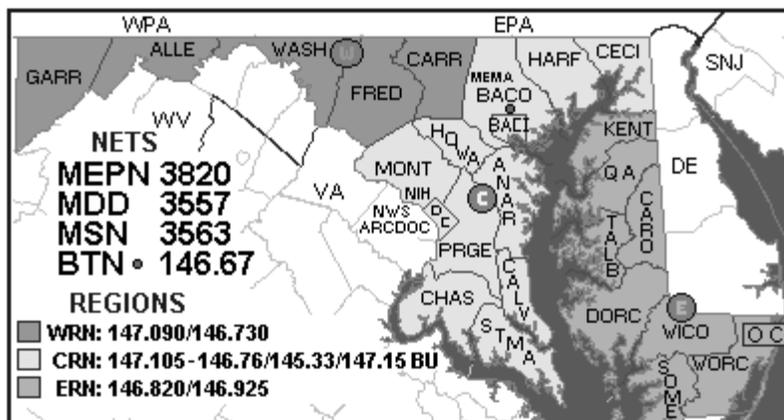
Figure 1: MDC Jurisdictions, Regions and Section Nets

JURISDICTIONS

CALL	JURISDICTION	CALL	JURISDICTION	CALL	JURISDICTION
ALLE	ALLEGANY	DENT	DENTON	OC	OCEAN CITY
ANAR	ANNE ARUNDEL	DORC	DORCHESTER	PRGE	PRINCE GEORGE'S
BACI	BALTIMORE CITY	FRED	FREDERICK	QA	QUEEN ANNE'S
BACO	BALTIMORE CO.	GARR	GARRETT	SOME	SOMERSET
CALV	CALVERT	HARF	HARFORD	STMA	ST. MARY'S
CARO	CAROLINE	HOWA	HOWARD	TALB	TALBOT
CARR	CARROLL	KENT	KENT	WASH	WASHINGTON
CECI	CECIL	MEMA	MD EM AGENCY	WICO	WICOMICO
CHAS	CHARLES	MONT	MONTGOMERY	WORC	WORCESTER
DC	DC	NIH	NATIONAL INSTITUTES OF HEALTH		

WESTERN REGION	CENTRAL REGION	EASTERN REGION

Figure 2: Jurisdiction Tactical Call Signs

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ERP ORGANIZATION

Communications nets in MDC are organized at several levels during emergencies:

1) **LOCAL:** ARES®/RACES nets operate within each of the county and city jurisdictions as needed to serve government and private relief agencies and to provide public welfare messaging services. These nets are managed by the local ARES® Emergency Coordinator (EC).

2) **REGION:** Three Regional Nets may be activated on wide-area 2 meter repeaters to provide jurisdiction intercom and, with liaisons, the means to move message traffic across the Section (the Western, Central and Eastern Regions shown in Fig. 1). These nets have liaisons from the jurisdictions, between each other, and with the MDC Section level nets. These nets are managed by the Section staff and manned by local jurisdiction amateurs.

3) **SECTION:** Section and Local NTS nets may be activated (listed under "NETS" in Fig. 1 and shown in following sections). These nets also run on a daily schedule as part of the NTS/NTSD. These nets are managed by the Section Traffic Manager (STM) daily and jointly by Section staff during emergencies.

During ERP activation these nets provide umbrella coverage for messaging between jurisdictions and Regions, with other Sections, with agencies inside and outside MDC, and with the national NTS/NTSD. They have liaison with the Region Nets, between each other, and directly from jurisdictions via Health and Welfare Local stations (HWLOCs). HWLOC stations in the jurisdictions provide separate welfare and agency messaging services to and from the Region nets, Section NTS nets and digital services which enables them to bypass other nets which might be busy with local or regional emergency related traffic. The Section NTS nets also provide messaging for Section administration and ARESMAT coordination.

Additional services are provided by stations at all levels connected for radio-email to the global Winlink 2000 (WL2K) system and for AirMail Direct Transfer messaging. Stations also connect with regular packet radio, repeaters accessed via Echolink, amateur TV, APRS and other modes as needed. All these stations may liaise with the local jurisdiction, Region and Section nets as required.

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EMERGENCY NET OPERATIONS
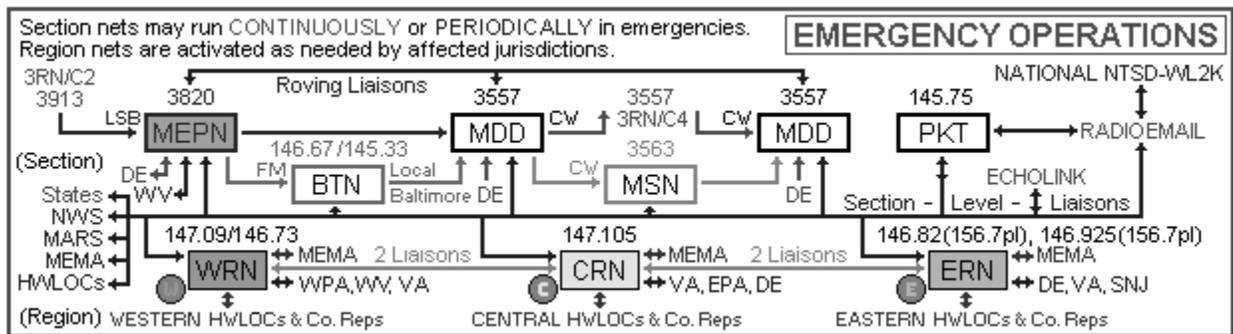
Figure 3: MDC Emergency Net Operations
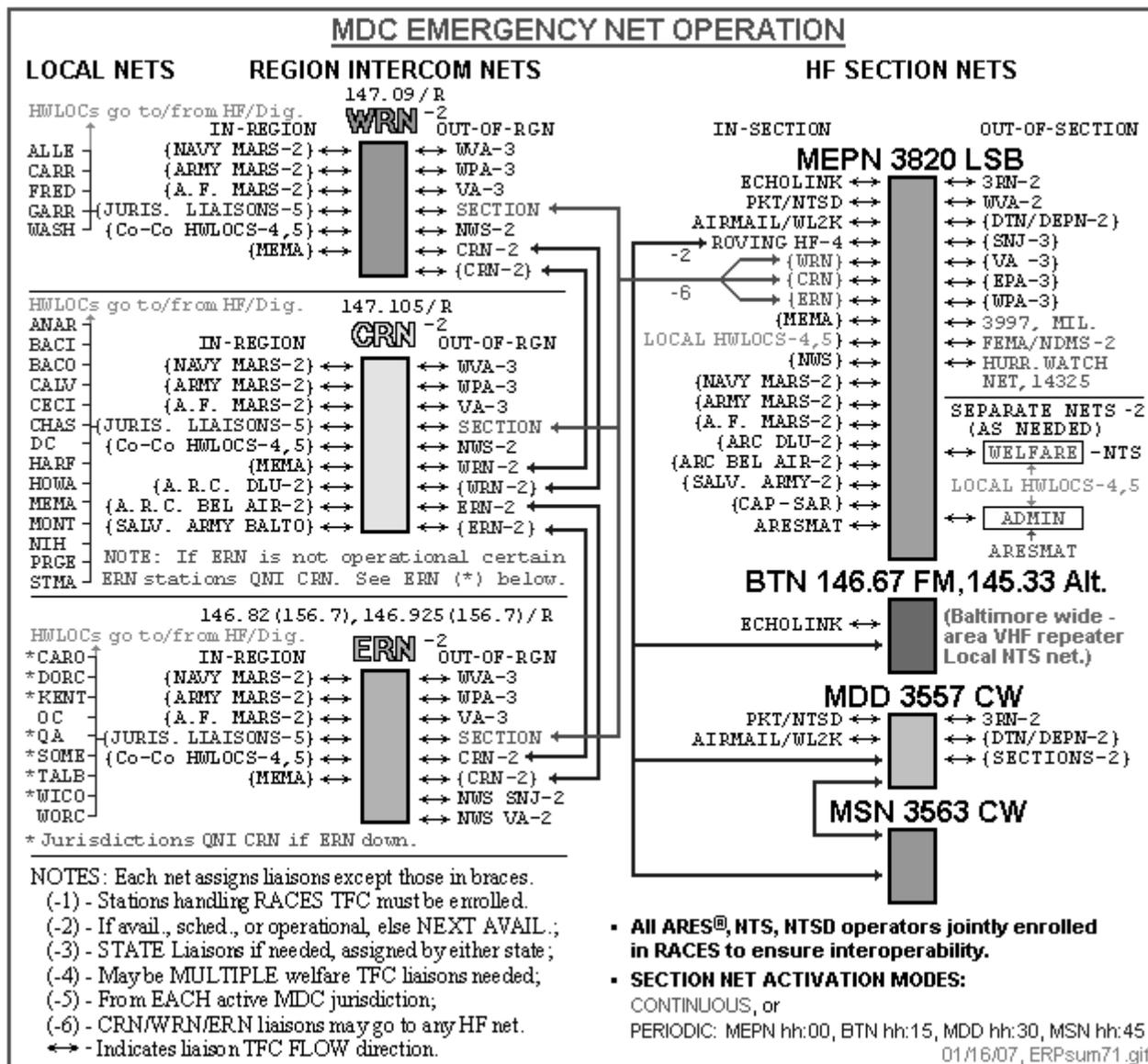
ERP LIAISONS

Figure 4: ERP Liaisons, Local - Region - Section - External

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## WL2K - NTSD EMERGENCY NOTES
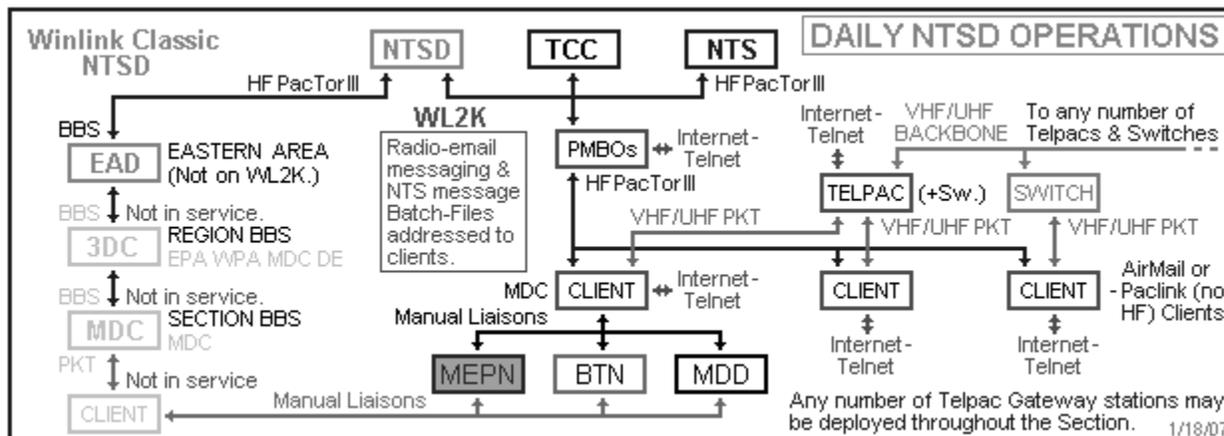
Figure 4: Winlink 2000 (WL2K) and NTSD Diagram

The global Winlink 2000 (WL2K) network is used by NTS/NTSD and ARES® for transporting radio-email formatted messaging including Batch-Files of NTS Radiograms. WL2K permits sending messages (with multiple addressees, copies, and binary attachments) to and from the public internet as well as to clients at [call sign]@winlink.org or [Tactical Address]@winlink.org (for Paclink clients only). WL2K is a radio-email forwarding system, not a BBS system.

During emergencies stations deployed into the field may access WL2K with packet radio via local Telpac Gateway stations. To increase resilience during loss of infrastructure (telephone lines, data links, ISPs, etc.) radio backbone switches and/or digi-peaters may provide paths from clients in the "last mile" to functioning Telpacs or PMBOs elsewhere. HF PacTor (with AirMail) may also be used to reach outside of the "last mile" to PMBOs when VHF/UHF links are not available. Local ARES® PMBOs can sustain radio-email service between all radio connected clients without any need for a connection to the internet. AirMail clients can exchange radio-email directly between stations by radio.

Shelter clients can submit Batch-Files of Welfare messages directly to the NTS/NTSD via WL2K thus relieving the need for intermediate manual handling. Victims may also email home and get replies.

Officials linked to local WL2K client stations can send and receive radio-email over amateur radio from their own computers or networks - a major advance in amateur radio relevance in today's information-technology world. Deploying WL2K clients throughout the Section permits the exchange of radio-email between all ARES®/NTS and served agency clients thus ensuring total agency interoperability. (See the tutorial on basic WL2K topics on the SM home page, General Information section.)

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DAILY NTS NET OPERATIONS
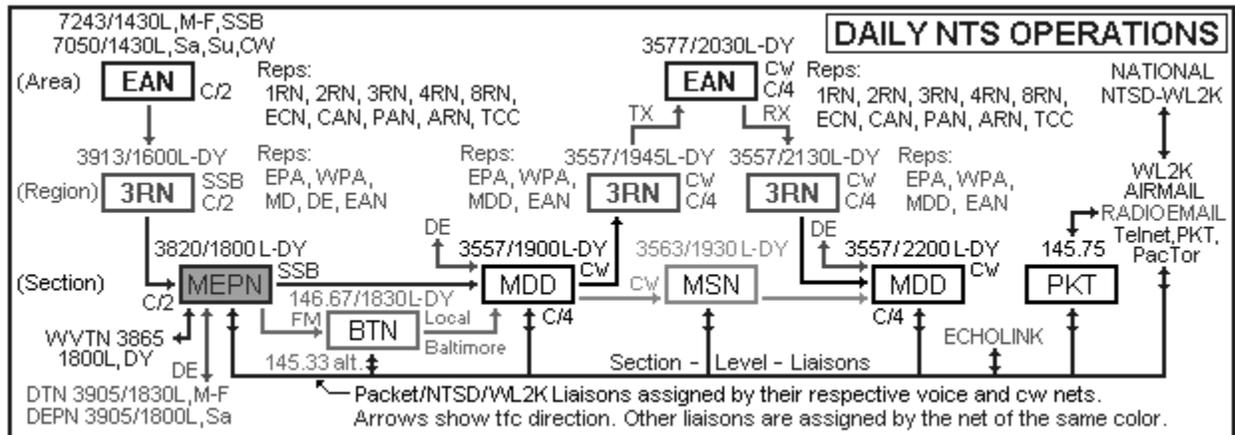
Figure 5: MDC Daily NTS Net Structure

See the links to the MDC NTS Net information and individual net pages on the SM home page.

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Emergency Alert Stations for CALV, CHAR and STMA

WKIK	1560 AM	LaPlata
WKIK	102.9 FM	California
WMDM	97.7 FM	Lexington Park
WPTX	1690 AM	Lexington Park
WSMD	98.3 FM	Mechanicsville
WWZZ	104.1 FM	LaPlata

WinLink2000 – Echo Link

- Calvert County Telpac Station > **N3IDX-10** on frequency **145.070 MHz**.
- *Echo Link under construction – Mode Number TBA*

Calvert ARES® Nets and Meetings

- Every Monday at 7:00 P.M. (L) on the SUNDERLAND repeater. 146.985 (-) PL 156.7
- Meetings held the FIRST Thursday monthly in the County Service Plaza, 156 Main Street, Prince Frederick, MD at 7:30 P.M.

LAST UPDATE: June 11, 2013

BY: N3QHC

File: Calvert ARES Quick Reference Document,doc