

Montgomery County, Maryland

Fire & Rescue Service



Land Mobile Radio System

“One Book”

Version 2.0 – May 2021

Created and Maintained by MCFRS Technical Operations

For On-Call Technology Support Call (240) 777.2233 select Option “1”

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Quick Referece > Total Radio System Failure

If you try to transmit on 7A2 DISP or 7A1 OPS (or an assigned channel) and do not receive an answer or hear any traffic:

1. Try a different radio

2. Change to a conventional channel:

- Using an OIC's portable, go to **Zone 7V** and use either talkgroup "**7V2 VHF DISP R**" or "**7V1 VHF OPS R**"
- All other radios go to **Zone "MA 800 IO"** and use talkgroup "**8CALL90**"

ABOUT...

Montgomery County operates a simulcast 22-site 20-channel digital trunked 800 MHz radio system. The radio system is shared by all County users, the municipal police departments, and the National Institute of Standards and Technology.

The system is designed as a Simulcast System. This configuration specifies that the system transmits (and receives) simultaneously from all 22 radio sites in the County, this helps in-building system coverage. The 20 radio channels provide up to 36 voice paths for communication (one channel is used as the control channel to coordinate network traffic and some of the channels can host two conversations simultaneously) and they are trunked (assigned on demand when the radios transmit) by a central controller.

When the radio system is operating normally, with a controller assigning channels and the radio consoles used by the dispatchers at PSCC and AECC connected to the system, the system is deemed to be in **Wide Area** mode; this is the way the system operates almost all the time (**Normal Operations**).

If the radio consoles are disconnected from the rest of the system, the system is deemed to be operating in **Site Trunking** mode. In Site Trunking a central controller still assigns the channels on demand, but the users at PSCC and AECC must use backup resources to communicate with field users. In this mode the system's capacity and coverage remain the same, but advanced features that rely on the radio consoles are no longer available; things like displaying unit IDs and emergencies, and the ability to patch (or interconnect) different radio system resources (**Site Trunking Operations**)

If there are no central controllers available (the system has three, in two different locations that the system automatically switches between as needed to maintain trunking) to assign the channels on demand the system is deemed to be operating **Failsoft** mode. In Failsoft the 20 channels can no longer be shared by all the users because there is no controller available, that means that the radios revert channels using mapping defined in the radio's configuration; for MCFRS this means operations consolidate from dozens of talkgroups down to 6 channels. Failsoft greatly restricts the radio system's capacity but coverage remains the same. (**Failsoft Operations**)

Two VHF channels are also normally used in conjunction with the 800 MHz system: 7A1 and 7V2. Both VHF channels are simulcast like the trunked system but do not use the trunked system's central controllers. 7V2 is always patched to 7A2 DISP, and 7V1 is *normally* patched to 7A1 OPS 1; the 7V1 patch can be moved to other radio resources to support operational needs.

MCFRS Specific Radio Fleet Map

Zone #	1	2	3	4	5	6
Zone Name	7A MCFRS FG	7B MCFRS FG	7C MCFRS FG	7D Secure FG	7E SOPS FG	7F Coord FG
Channel						
1	7A1 OPS 1	7B1 OPS 1	7C1 OPS 1	7D1 OPS 1	7E1 OPS 1	7F1 OPS 1
2	7A2 DISP	7B2 DISP	7C2 DISP	7D2 DISP	7E2 DISP	7F2 DISP
3	7A3 OPS 3	7B3 OPS 3	7C3 OPS 3	7D3 OPS 3	7E3 OPS 3	7F3 OPS 3
4	7A4 INC 10	7B4 INC 30	7C4 INC 50	7D4 INC 70 S	7E4 SOPS 10 S	7F4 TRT S
5	7A5 INC 11	7B5 INC 31	7C5 INC 51	7D5 INC 71 S	7E5 SOPS 11 S	7F5 RAIL S
6	7A6 INC 12	7B6 INC 32	7C6 INC 52	7D6 INC 72 S	7E6 SOPSDIR S	7F6 HM S
7	7A7 DVRS-1A	7B7 DVRS-3B	7C7 DVRS-1C	7D7 DVRS-3D S	7E7 SOPS 20 S	7F7 WTR S
8	7A8 INC 20	7B8 INC 40	7C8 INC 60	7D8 INC 80 S	7E8 SOPS 21 S	7F8 FS50 S
9	7A9 INC 21	7B9 INC 41	7C9 INC 61	7D9 INC 81 S	7E9 SOPS 22 S	7F9 FS51 S
10	7A10 INC 22	7B10 INC 42	7C10 INC 62	7D10 INC82 S	7E10 DVRS-4E S	7F10 FS52 S
11	7A11 DVRS-2A	7B11 DVRS-4B	7C11 DVRS-2C	7D11 DVRS-4D S	7E11 NPS MD	7F11 FS53 S
12	7A12 MC S A12	7B12 MC S B12	7C12 MC S C12	7D12 MC S D12	7E12 US PK PD4	7F12 FS54 S
13	7A13 MA S A13	7B13 MA S B13	7C13 MA S C13	7D13 MA S D13	7E13 MARINE 16	7F13 MD TF-1 S
14	7A14 ALT A14	7B14 ALT B14	7C14 ALT C14	7D14 ALT D14	7E14 MARINE22A	7F14 ALT F14
15	7A15 FD TA	7B15 FD TA	7C15 FD TA	7D15 D FD TA S	7E15 E FD TA S	7F15 FD TA
16	7A16 OPS 1	7B16 OPS 1	7C16 OPS 1	7D16 OPS 1	7E16 OPS 1	7F16 OPS 1
17					7E17 Wx1Mnssas	
18					7E18 Wx2Baltmr	
19	REGROUP				7E19 Wx5 DC	
					7E20Wx3162.475	
					7E21Wx4162.425	
					7E22 Wx5 162.5	
					7E23Wx7162.525	

Zone #	7	8	9	68	69	70
Zone Name	7G Admin FG	7H Hosp S FG	BATT TRN	I IMT Secure	J Public Safty	L GOVT EMG
Channel						
1	7G1 PSTA 1	7H1 EMRC	1 OPS 1	IMT 1 CMD S	J1 SEV 1	L1 LGEM 1
2	7G2 PSTA 2	7H2 CNSLT 1	2 DISP	IMT 2 OPS S	J2 SEV 2	L2 LGEM 2
3	7G3 PSTA 3	7H3 CNSLT 2	3 OPS 3	IMT 3 LOGS S	J3 SEV 3	L3 LGEM 3
4	7G4 PSTA 4	7H4 Holy-X-GT	4 BATT 1	IMT 4 S	J4 SEV 4	L4 LGEM 4
5	7G5 CODE	7H5 Holy-X-SS	5 BATT 2	IMT 5 S	J5 SEV 5	L5 LGEM 5
6	7G6 CMF	7H6 Mont MC	6 BATT 3	IMT 6 S	J6 SEV 6	L6 LGEM ANNC
7	7G7 MC Scty	7H7 Nat Mil MC	7 BATT 4	IMT 7 S	J7 SEV ANNC	L7 LGCRD 1
8	7G8 MCPS Scty	7H8 SGAH	8 BATT 5	IMT 8 S	J8 DVRS-7J	L8 LGCRD 2
9	7G9 M Col Scty	7H9 Sibley	9 BLANK	IMT 9 S	J9 PS 1 S	L9 LGCRD 3
10	7G10 Animl Ctl	7H10 Suburban	10 BLANK	IMT 10 S	J10 PS 2 S	L10 LGCRD 4
11	7G11 LFRD 1	7H11 White Oak	11 BLANK	IMT 11 S	J11 PS 3 S	L11 LGCRD ANNC
12	7G12 LFRD 2	7H12 MEDSTAR	12 BLANK	IMT 12 ANNC S	J12 PS 4 S	L12 LGEM S
13	7G13 CERT	7H13 Child NMC	13 FD TEST	IMT13 DIR S	J13 PS ANNC S	L13 LG DIR
14	7G14 ECC S	7H14 INOVA	14 DVRS-7T	IMT14 DVRS-6IS	J14 DVRS-6J S	L14 DVRS-7L
15	7G15 OPS Admin	7H15 HCGH A	15 FD TA	IMT 15 RINS1 D	J15 PS DIR S	L15 RINS 1 D
16	7G16 MC Radio	7H16 HCGH P	16 OPS 1	IMT 16 RINS2 D	J16 RINS 2 D	L16 911
	7G17 FEI S	7H17 ALL MCHSP				
	7G18 IA S	7H18 MC H ANNC	7H19 HNET			

MCFRS Specific Radio Fleet Map

Zone #	71	72	73			
Zone Name	N NIST	7P MC LE Rx	7V VHF & VRS			
Channel						
1	N1 Fire	MCP A1 Rockvl	7V1 VHF OPS R			
2	N2/A7 Police	MCP A2 Bethes	7V2 VHF DISP R			
3	N3 Safety	MCP A3 Sil Spr	7V3 VHF Rock R			
4	N4 Reactor S	MCP A4 Wheatn	7V4 VHF Beth R			
5	N5 Emergency	MCP A5 Germnt	7V5 VFIRE21 D	VFIRE 21D Md. area Mutual Aid Channel		
6	N6 Announce	MCP A6 Mont Vi	7V6 VFIRE23 D			
7	N7 Plant S	MC PARK A8 DSP	7V7 VSAR 16 D			
8	N8 FS53 SEC	MSP A9 Rock	7V8 VTAC 36 R	VFIRE 23D NOVA Mutual Aid channel		
9	N9 BLANK	CCVPD A11 DISP	7V9 VTAC 37 R			
10	N10 BLANK	TPPD A12 DISP	7V10 VRS 1			
11	N11 BLANK	ICC A13 DISP	7V11 VRS 2			
12	N12 BLANK	RCP B10 DISP	7V12 VRS 3			
13	N13 BLANK	WSSC PD DISP	7V13 VRS 4			
14	N14 DVRS-7N	MCP A14 TAC A	7V14 VRS 5			
15	N15 FD TA	MCP A15 TAC 1	7V15 FD TA			
16	N16 OPS 1	7A1 OPS 1	7V16 VHF OPS R			

MCFRS Fail Soft Radio Fleet Map

Radio position switch	FS = Failsoft Channel Number		FS1	FS 2	FS1	FS3 Incident TGs				FS4 Incident TGs			
	Zone	Zone Name	1	2	3	4	5	6	7	8	9	10	11
A	7A	MCFRS FG	OPS 1	DISP	OPS 3	INC 10	INC 11	INC 12	ANNC 10	INC 20	INC 21	INC 22	ANNC 20
B	7B	MCFRS FG	OPS 1	DISP	OPS 3	INC 30	INC 31	INC 32	ANNC 30	INC 40	INC41	INC 42	ANNC 40
C	7C	MCFRS FG	OPS 1	DISP	OPS 3	INC 50	INC 51	INC 52	ANNC 50	INC60	INC61	INC62	ANNC 60
	FS7 (Secure) Shared with other encrypted talkgroups in the County (IMT, PS, HHS)												
	Zone	Zone Name	1	2	3	4	5	6	7	8	9	10	11
	7D	Secure FG	OPS 1	DISP	OPS 3	INC 70s	INC 71s	INC 72s	ANNC 70s	INC 80s	INC 81s	INC 82s	ANNC 80s
	7E	SOPS FG	OPS 1	DISP	OPS 3	SOPS 10	SOPS 11		SOPS 20	SOPS 21	SOPS 22		
	FS5 (EMS)												
	Zone	Zone Name	1	2	3	4	5	6	7	8	9	10	11
	7H	Hosp FG				Holy-X-GT	Holy-X-SS	Mont MC	Nat Mil MC	SGAH	Sibley	Suburban	White Oak
	FS6 (NIST)												
Zone	Zone Name	1	2	3	4	5	6	7	8	9	10	11	
N	NIST	FIRE	POLICE	Safety	Reactor	Emergency	Announce	Plant					



MCFRS RADIO SYSTEM QUICK REFERENCE PAGE FOR FAILSOFT AND SITE TRUNKING

MCFRS Radio System in Failsoft

In the event that we have major computer problems with the radio system, but the whole system doesn't go down, we'll go into Failsoft mode. For those of you who are technophiles, this is very similar to Windows Safe Mode.

You'll know we're in Failsoft mode if you see the word *Failsoft* on your radio screen. When we go into Failsoft, we revert to a fairly simple system with fairly simple rules:

[There are only a handful of channels](#), so people could easily talk over one another. Unless you have something vitally important to say, keep quiet.

All calls are still dispatched on 7A2 and operate on 7A1, 7A4, etc. In short, treat Failsoft like condition red.

Remember when the system is in "Failsoft"...

- **TURN OFF** the scan feature
- **NO "EB"** capability
- The radio will "chirp" every 20-30 seconds
- **NO RADIO PATCHES AVAILABLE.**

In "Failsoft", unusual TG assignments will be given.

SEE FAILSOFT FLEETMAP ON NEXT PAGE FOR MORE DETAILS.

MCFRS Radio System in Site Trunking

The MCFRS 800 MHz radio system uses 22 tower sites which are all connected (networked) together, giving county wide radio coverage to all users that are on the radio system.

In the event the 22 sites become disconnected from ECC the radio system will enter "Site Trunking"; this will appear on the display of your radio.

There will be more of an impact on the PSCC than the user in the field.

Understand that while there is minimal to no impact on the field, ECC is using backup resources that make things for difficult for them.

Remember when the system is in "Site Trunking" NO RADIO PATCHES

Remember when the system is in "Site Trunking" the radio will "beep".

IN THE EVENT OF TOTAL RADIO SYSTEM FAILURE USE THE ZONES ON PAGES 3 AND 4

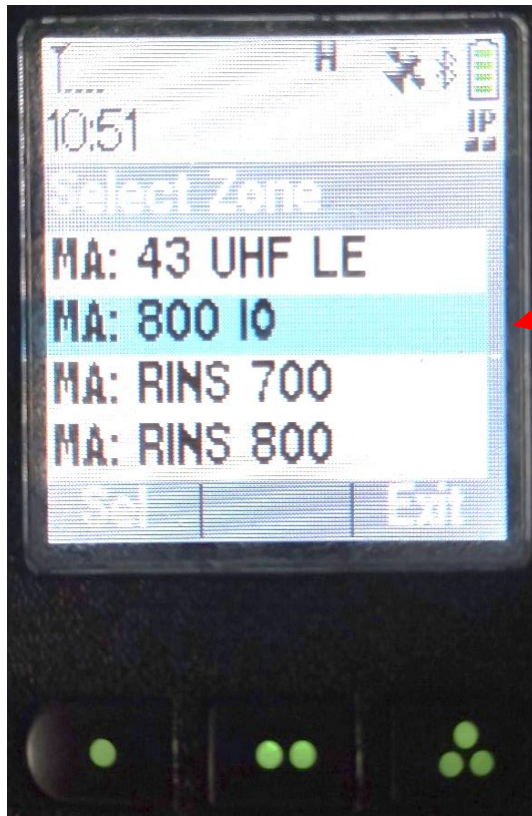
APX-7000XE (UNIT OFFICER PORTABLES) USE THESE ZONES IN THE EVENT OF TOTAL 800 MHz SYSTEM FAILURE



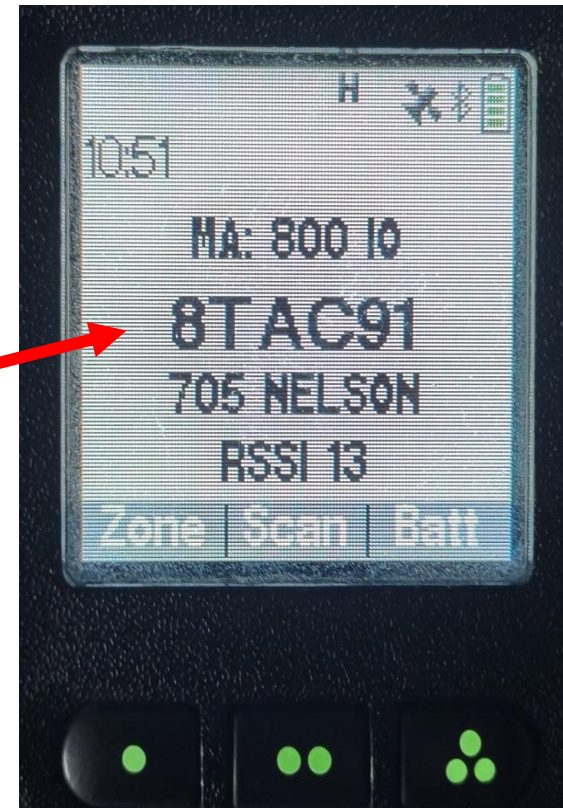
Switch to
7V1 VHF OPS
Or
7V2 VHF DSP R



APX-6000XE (ALL OTHER RADIOS) USE THESE ZONES IN THE EVENT OF TOTAL 800 MHz SYSTEM FAILURE

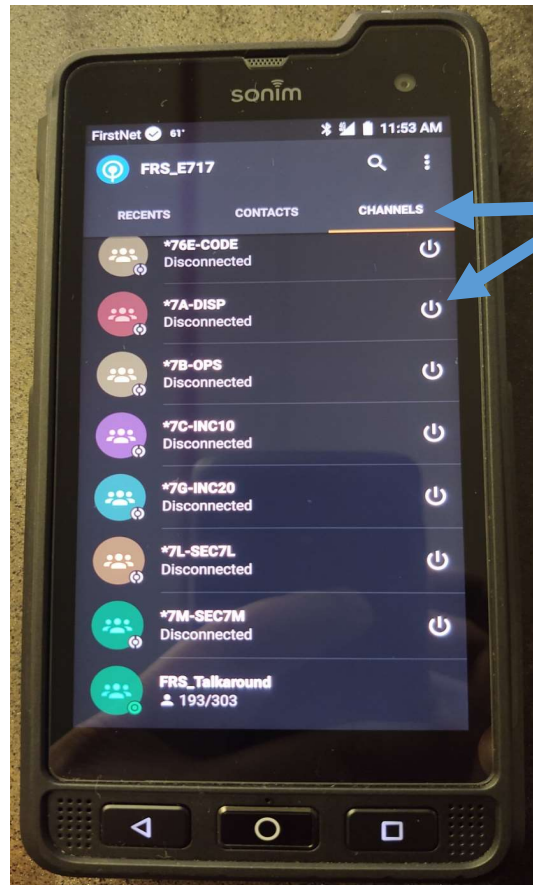
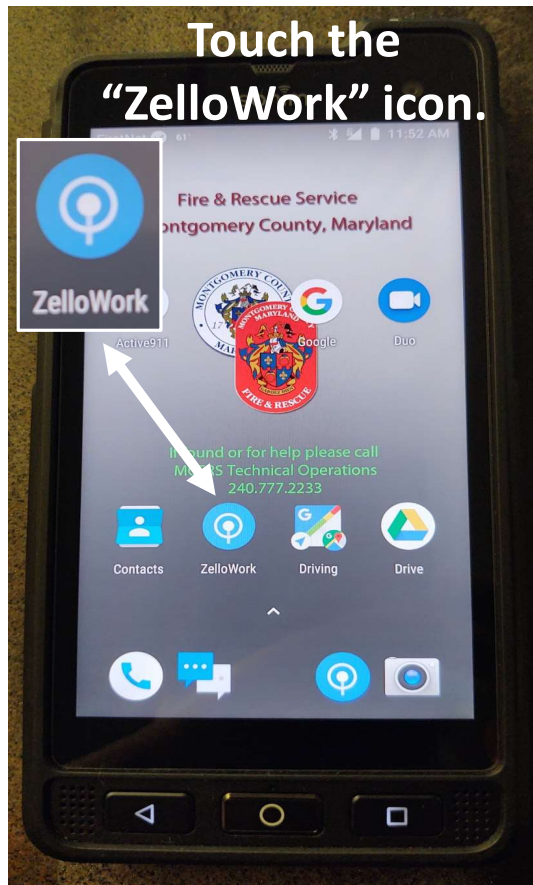


Switch to zone
"MA: 800 IO"
then switch to
8TAC91



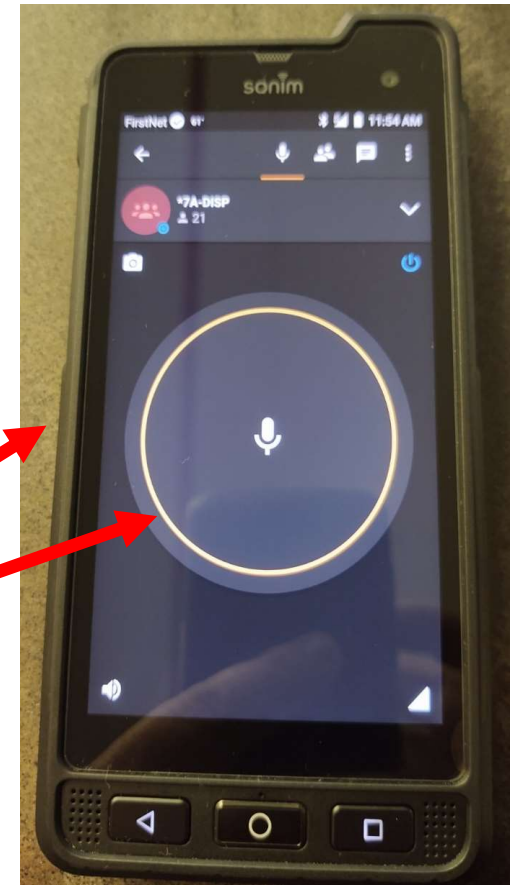
The APX-7000XE radios and mobiles also have this zone in their radios

**STEP 2: NO MCFRS 7 ALPHA OR 7 BRAVO WITH PORTABLE OR MOBILE RADIOS.
USE THE MCFRS SONIM PHONES ASSIGNED TO THE APPARATUS**



Go to the
"CHANNELS"
tab, turn on
"*7A-DISP"

Use either the
touch screen
"PTT" or the
large "PTT"
button on the
side of the
phone



IF THE SONIM PHONE FAILS TO WORK

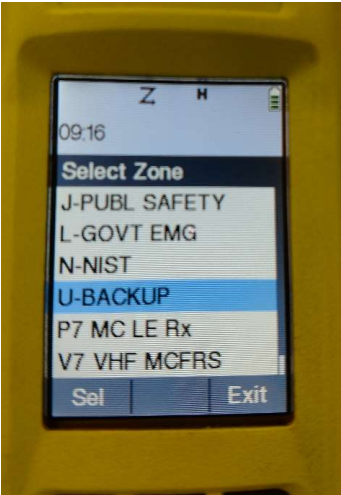
STEP 3: SWITCH TO THE “U” ZONE
WORKS ON ALL MCFRS PORTABLE RADIOS

THE PSCC WILL ANNOUNCE THIS OVER THE RADIO AND SEND A MESSAGE TO THE STATIONS.

MCFRS CHANNELS START AT “GOLF”

MCFRS UNITS SHOULD SELECT THE APPROPRIATE CHANNEL BASED ON THEIR LOCATION IN THE COUNTY.

SEE THE SITE LOCATION MAP FOR GEOGRAPHIC REFERENCE

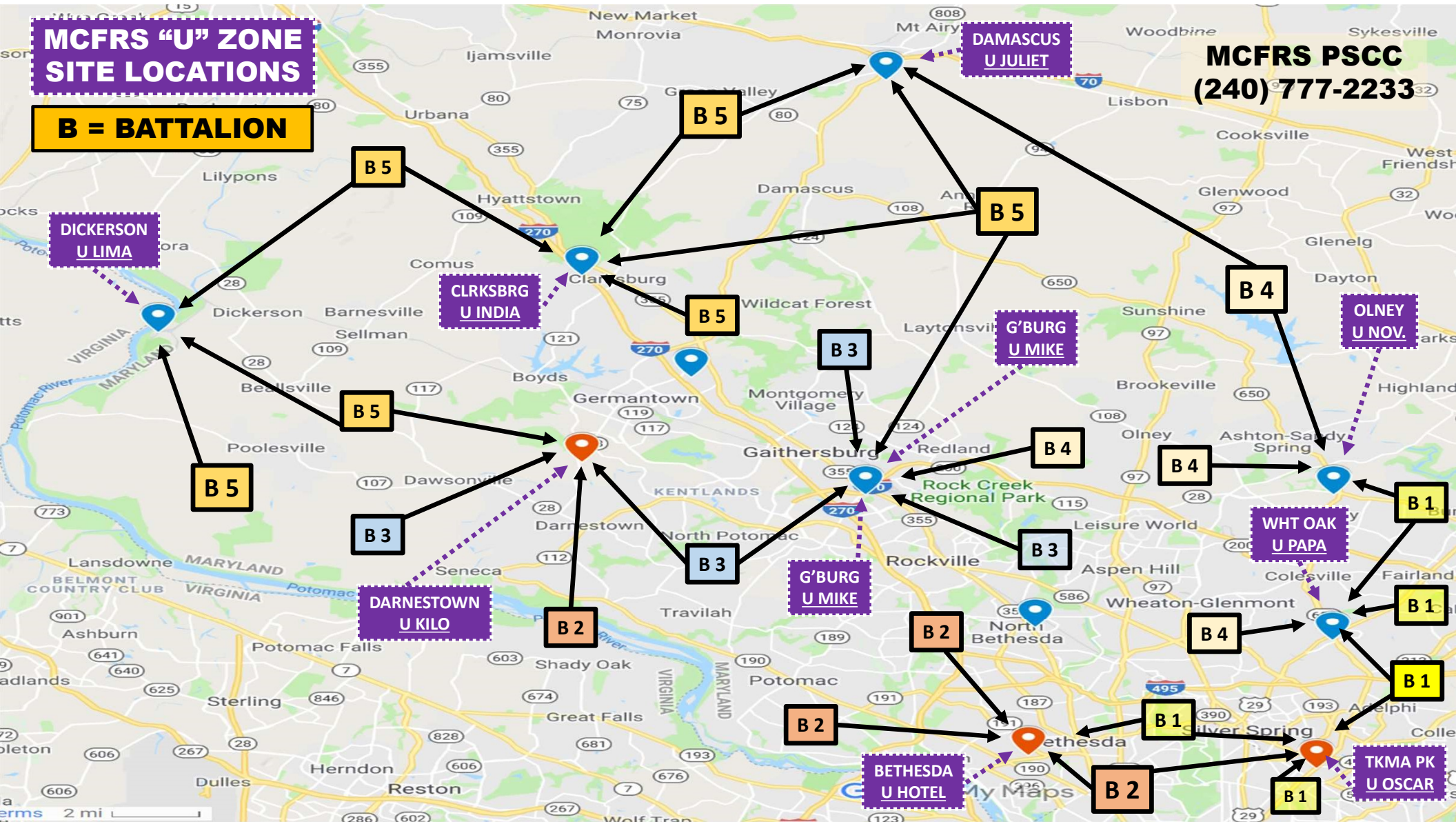


Name	Zone	A	B	C	D	E	F	G	H	I
U	BACKUP	PD TAC92R	EMG SOUTH 1	EMG SOUTH 2	EMG NORTH 1	EMG NORTH 2	BLANK	FD TAC91R	BETHESDA	CLARKSBUR G
Name	Zone	J	K	L	M	N	O	P		
U	BACKUP	DAMASCUS	DARNESTOWN	DICKERSON	GAITHERSBG	OLNEY	TAKOMA PK	WHITE OAK		

MCFRS "U" ZONE SITE LOCATIONS

B = BATTALION

MCFRS PSCC
(240) 777-2233



Montgomery County Fire and Rescue Communications (240) 773-4700

Name	Zone	A	B	C	D	E	F	G	H	I
NIST	N	<i>FIRE</i>	<i>POLICE</i>	<i>Safety</i>	<i>Reactor</i>	<i>Emergency</i>	<i>Announce</i>	<i>NIST SEC</i>	<i>Plant</i>	<i>BLANK</i>
GOVT EMG	L	<i>LGEM 1</i>	<i>LGEM 2</i>	<i>LGEM 3</i>	<i>LGEM 4</i>	<i>LGEM 5</i>	<i>LGE ANN</i>	<i>LGCRD1</i>	<i>LGCRD2</i>	<i>LGCRD3</i>
PUB SAFETY	J	<i>SEV 1</i>	<i>SEV 2</i>	<i>SEV 3</i>	<i>SEV 4</i>	<i>SEV 5</i>	<i>SEV 6</i>	<i>SEV ANNC</i>	<i>PS 1</i>	<i>PS 2</i>
IMT	I	<i>IMT 1 CMD</i>	<i>IMT 2 OPS</i>	<i>IMT 3 LOGS</i>	<i>IMT 4</i>	<i>IMT 5</i>	<i>IMT 6</i>	<i>IMT 7</i>	<i>IMT 8</i>	<i>IMT 9</i>
BACKUP	U	<i>PD TAC92R</i>	<i>EMG SOUTH 1</i>	<i>EMG SOUTH 2</i>	<i>EMG NORTH 1</i>	<i>EMG NORTH 2</i>	<i>BLANK</i>	<i>FD TAC91R</i>	<i>BETHESDA</i>	<i>CLARKSBURG</i>
Name	Zone	J	K	L	M	N	O	P		
NIST	N	<i>BLANK</i>	<i>BLANK</i>	<i>BLANK</i>	<i>BLANK</i>	<i>VRS 1</i>	<i>FDTA</i>	<i>OPS</i>		
GOVT EMG	L	<i>LGCRD4</i>	<i>LGCRD ANN</i>	<i>LGEM SEC</i>	<i>VRS 3 D</i>	<i>VRS 3 R</i>	<i>RINS1 D</i>	<i>911</i>		
PUB SAFETY	J	<i>PS 3</i>	<i>PS 4</i>	<i>PS ANNC</i>	<i>VRS 3 D</i>	<i>VRS 3 R</i>	<i>RINS1 D</i>	<i>RINS2 D</i>		
IMT	I	<i>IMT 10</i>	<i>IMT 11</i>	<i>IMT 12</i>	<i>VRS 3 D</i>	<i>VRS 3 R</i>	<i>RINS1 D</i>	<i>RINS2 D</i>		
BACKUP	U	<i>DAMASCUS</i>	<i>DARNESTOWN</i>	<i>DICKERSON</i>	<i>GAITHERSBG</i>	<i>OLNEY</i>	<i>TAKMA PK</i>	<i>WHT OAK</i>		

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ZONE 8 Prince George's County ~ Non-Emergency Number (301) 352-1200

Name	Zone	A	B	C	D	E	F	G	H
PG North	8A	A1-DISP	A2-OPS 1	A3-INC 50	A4-INC 51	A5-INC 52	A6-CMD 50	A7-INC 60	A8-INC 61
PG EMS	8B	B1-DISP	B2-OPS 1	B2-OPS 2	B4-RESCUE1	B5-RESCUE2	B6-MED CALL	B7-MED A	B80-MED B
PG South	8C	C1-DISP	C2-OPS 2	C3-INC 70	C4-INC 71	C5-INC 72	C6-CMD 70	C7-INC 80	C8-INC 81
PG SOPS	8D	D1-DISP	D2-OPS 1	D3-TAC 10	D4-TAC 11	D5-TAC 12	D6-TCMD 10	D7-TAC 20	D8-TAC 21
SP EVENT	8SE	SE-1SPEV 1	SE2-SPEV 2	SE3-SPEV 3	SE4-SPEV 4	SE5-SPEV 5	SE6-SPEV 6	SE7-SPEV 7	SE8-SPEV8
Name	Zone	I	J	K	L	M	N	O	P
PG North	8A	A9-INC 62	A10-CMD 60	A11-N STR ALRM 1	A12-N STR ALRM 2	A13-ADM	A14-DVRS	A15-FD TA	A16-OPS 1
PG EMS	8B	B9-MED E	B10 -INC 10	B11-INC 11	B12-INC 12	B13-CMD 10	B14-ADM	B15-FD TA	B16-OPS 1
PG South	8C	C9-INC 82	C10-CMD 80	C11-S STR ALRM 1	C12-S STR ALRM 2	C13-ADM	C14-DVRS	C15-FD TA	C16-OPS 2
PG SOPS	8D	D9-TAC 22	D10-TCMD 20	BLANK	BLANK	D13-ADM	D14-DVRS	D15-FD TA	D16-OPS 2
SP EVENT	8SE	SE9-SPEV 9	SE10-SPEV 10	SE11-SPEV 11	SE12-SPEV 12	SE12-SPEV 13	SE12-SPEV 14	SE12-SPEV 15	SE12-SPEV 16

A15-FD, B15-FD, C15-FD & D15-FD IS SIMILAR TO MCFRS 7 OSCAR

A14-DVRS, C14-DVRS & D14-DVRS ARE SIMILAR TO THE MCFRS VRS CHANNELS

ZONE 8B HOTEL, INDIA, JULIET, AND INDIA ARE FOR HOSPITAL CONSULTS

IF YOU ARE OPERATING NORTH OF RT.50, USE PG NORTH TGs. SOUTH OF RT.50 USE PG SOUTH TGs.

DECLARING AN EMERGENCY IN PG

If a MCFRS unit goes into PG County and has an emergency, transmit the following...

Unit : Eng TK SQ 7 to communications
Emergency**

Comm : All units stand by
....Unit with the
Emergency ... or Eng TK SQ
7** go ahead with your
emergency.

Unit : Eng TK SQ 7 to
communications (state the
emergency type, location
and what you will need to
mitigate it, if possible , also
advise if you are involved)**

*"MAYDAY" procedures are
identical to MCFRS
procedures.*

*"EB" status is know as "EI"
and shadows MCFRS
guidelines.*

ZONE 9 Frederick County (301) 694-1603

Name	Zone	A	B	C	D	E	F	G	H
Fred FD	9	DISP	EMS 1	FIRE 1	TAC 10	TAC 11	TAC 12	TAC 13	TAC 14
Fred FD	91	DISP	EMS 2	FIRE 2	TAC 30	TAC 31	TAC 32	TAC 33	TAC 34
Fred FD	92	DISP	ADMIN	CALL 1	MED 4	MED 8	BLANK	BLANK	BLANK
Multi	Fred	MULTI-CALL	MULTI-2	MULTI-3	MULTI-4	MULTI-5	MULTI-6	MULTI-7	MULTI-8
Name	Zone	I	J	K	L	M	N	O	P
Fred FD	9	TAC 20	TAC 21	TAC 22	TAC 23	TAC 24	VRS	RINS5D	DISP
Fred FD	91	TAC 40	TAC 41	TAC 42	TAC 43	TAC 44	VRS	RINS5D	DISP
Fred FD	92	TRN 50	TRN 51	TRN 52	TRN 53	TRN 54	VRS	RINS5D	DISP
Multi	Fred	7TAC51 D	7TAC51 R	7TAC52 D	7TAC52 R	7TAC53 D	7TAC53 R	7TAC54 D	7TAC54 R

9, 91, & 92 NOVEMBER ARE SIMILAR TO THE MCFRS VRS CHANNELS

92C (CALL), D (MED 4) AND E (MED 8) ARE SIMILAR TO MCFRS
72 C, D, & E.

9, 91, & 92 Oscar "RINS5D" is the MCFRS equivalent to "7 OSCAR"

In the "MULTI" zone (positions A-H), "MULTI-CALL", "MULTI-2", etc is similar to the MCFRS "J" zone and allows multiple Frederick County agencies to communicate

In the "MULTI" zone (positions I-P) are 700 MHz National Tactical Channels. These channels will be assigned on an "as needed" basis.

With an EB Activation in Frederick County, the dispatcher will transmit the following...

Example:

"Frederick to Rescue Engine 709, CONFIRM OR DENY?"

If the response is "DENY", let the dispatcher know and reset your EB button as if you were operating in Montgomery County.

If the response is "CONFIRM", or NO RESPONSE there will be an IMMEDIATE POLICE DISPATCH.

MAYDAY OPS ARE SIMILAR TO MCFRS. USE L.U.N.A.R MAYDAY OPS REMAIN ON INCIDENT TG. NEW TG ASSIGNED FOR FG OPS.

ZONE HOF A-D Howard County (410) 313-2200

Name	Zone	A	B	C	D	E	F	G	H
HOF A	Howard A	A1 DISP	A2 OPS1	A3 OPS2	A4 HCGHA	A5 HCGHP	A6 BAT 1	A7 BAT 2	A8 EMKX
HOF B	Howard B	BRAVO 1	BRAVO 2	BRAVO 3	BRAVO 4	B5-WATER	B6-STAGE	BRAVO 7	B8-EMKX
HOF C	Howard C	CHARLIE 1	CHARLIE 2	CHARLIE 3	CHARLIE 4	C5-WATER	C6-STAGE	CHARLIE 8	C8-EMKX
HOF D	Howard D	DELTA 1	DELTA 2	DELTA 3	DELTA 4	D5-WATER	D6-STAGE	DELTA 9	D8-EMKX
Name	Zone	I	J	K	L	M	N	O	P
HOF A	Howard A	A9 NDP1	A10 SDP1	A11 FDELK	A12 PDELK	A13 FIOP12	A14 RINS5D	A15 RINS6D	A16 DISP
HOF B	Howard B	B9-NDP1	B10-SDP1	B11-MPTY	B12-MPTY	B13-IFOP10	B14-RN5D	B15-RN6D	B16 BRAVO 1
HOF C	Howard C	C9-NDP1	C10-SDP1	C11-MPTY	C12-MPTY	C13-FIOP11	C14-RN5D	C15-RN6D	C16 CHARLIE 1
HOF D	Howard D	D9-NDP1	D10-SDP1	D11-MPTY	D12-MPTY	D13-FIOP12	D14-RN5D	D15-RN6D	D16 DELTA 1

THE NOVEMBER AND OSCAR POSITIONS IN ZONES A - D ARE EQUIVALENT TO MCFRS 7 OSCAR.

A4 AND A5 ARE HOSPITAL CONSULT TALK GROUPS

DECLARING AN EMERGENCY IN HOWARD

If a MCFRS unit goes into Howard County and has an emergency, transmit the following...

Unit : Eng TK SQ 7 to communications "SIGNAL 2".**

Howard: "ALL UNITS, SIGNAL 2 for Eng TK SQ 7**, HOLD THE AIR."

Fire/Rescue apparatus that is dispatched to assist will be put on a DIFFERENT talk group.

ACCIDENTAL EB ACTIVATION

When advising of an accidental activation, personnel must ALSO give their FD ID# otherwise a "SIGNAL 2" will be assumed.

ZONE CFR Carroll County (410) 848-4343

Zone	Name	A	B	C	D	E	F	G	H	I	J
CRF1	Carroll	A1 MAIN	A2 FIRE	A3 EMS 1	A4 CALL 801	A5 MED 804	A6 MED 808	A7 FG 10	A8 FG 11	A9 FG 12	A10 FG 13
CRF2	Carroll	B1 MAIN	B2 FIRE	B3 EMS 2	B4 BLNK	B5 BLNK	B6 BLNK	B7 FG 30	B8 FG 31	B9 FG 32	B10 FG 33
Zone	Name	K	L	M	N	O	P				
CRF1	Carroll	A11 FG 20	A12 FG 21	A13 FG22	A14 FG23	A15 FDTA	A16 DISP				
CRF2	Carroll	B11 FG 40	B12 FG 41	B13 FG42	B14 FG43	B15 FDTA	B16 DISP				

A15 FDTA & B15 FDTA is the MCFRS equivalent to "7 OSCAR"

A4, 5 & 6 ARE EQUIVALENT TO MCFRS 72 C, D, & E.

EB ACTIVATION: CARROLL COUNTY WILL HAIL THE UNIT... "CARROLL TO MONTGOMERY COUNTY PE-713 CONFIRM OR DENY?"
IF DENY, RESET AND CONTINUE YOUR OPERATION.

IF CONFIRM OR NO RESPONSE, EMERGENT POLICE RESPONSE AND CLOSEST MANPOWER PIECE WILL BE DISPATCHED.

MAYDAY OPERATIONS:

1ST: TRANSMIT THE FOLLOWING "MAYDAY, MAYDAY, MAYDAY" THEN GIVE A LUNAR. (SAME AS MCFRS)

2ND: ACTIVATE "EB" BUTTON AND/OR ACTIVATE PASS DEVICE

MAYDAY OPS WILL REMAIN ON THE PRIMARY INCIDENT TG. ALL FG OPS WILL BE SWITCHED TO THE 4TH TG IN THE GROUP
EXAMPLE: MAYDAY OPS ON "FG10" CONTINUED FG OPS MOVE TO "FG13" AND PAR CHECK WILL BE DONE.

MCFRS JURISDICTIONAL RADIO REFERENCE GUIDE

ZONE Anne Arundel County (410) 222-8271

Name	Zone	A	B	C	D	E	F	G	H
AACo	Anne Arundel FD1	ALPHA FD DISP	BRAVO FD TAC1	CHARLIE FD TAC2	DELTA FD COM1	ECHO FD TAC 3	FOXTROT FD TAC 4	GOLF FD CMD 1	HOTEL FD SOP 1
Name	Zone	I	J	K	L	M	N	O	P
AACo	Anne Arundel FD1	INDIA FD SOP 2	JULIET FD COM 2	KILO FD TAC 5	LIMA FD TAC 6	MIKE FD CMD 2	NOVEMBER FD ADM	WAYSONS FD MEET	ALPHA FD DISP

EMERGENCY BUTTON (EB) AND MAYDAY PROCEDURES

EMERGENCY BUTTON (EB) PROCEDURES:

When an Emergency Button (EB) activation is first transmitted, it automatically begins transmitting and creates an **"open mic"**. This dispatcher will listen to and evaluate the traffic.

After the "open mic" transmission stops, the dispatcher will say the following...

"FIRE ALARM TO MONTGOMERY COUNTY PE-717, CHECK YOUR DISPLAY."

If no response, Police and additional Fire/Rescue Support is sent to assist.

MAYDAY PROCEDURES:

The unit in question will say MAYDAY, MAYDAY, MAYDAY three (3) times, give their unit number and then a L.U.N.A.R - Mayday Ops will remain on "original" incident T/G.

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ZONE 4 Fairfax County (703) 691-2131

Name	Zone	A	B	C	D	E	F	G	H
FFX FD	4	DISP	RESP	INTER	D	E	F	G	H
FFX FD Alt	41	DISP	RESP	INTER	D	E	F	G	H
FFX FD Alt	43	DISP	B	C	D	E	F	G	H
FFX FD BU	48	AISP	RESP	INTR	D	E	F	G	H
Name	Zone	I	J	K	L	M	N	O	P
FFX FD	4	I	J	K	L BU 1	M BU 2	N T/A	SAF	DISP
FFX FD Alt	41	I	J MC 1	K MC 2	L GF 1	M GF 2	N T/A	SAF	DISP
FFX FD Alt	43	I	J	K	LE	ME	N T/A	SAF	DISP
FFX FD BU	48	I	J	K	L	M	N T/A	SAF	DISP

N T/A IS SIMILAR TO MCFRS 7 OSCAR

DECLARING AN EMERGENCY IN FAIRFAX

If a MCFRS unit goes into Fairfax County and has an emergency, transmit the following...

Unit : Eng TK SQ 7 to Fairfax "SIGNAL1"**

Comm : Transmission acknowledged and help is sent.

For an "EB" activation...

Comm: "Engine 710 from Fairfax CONFIRM or DENY your EA Activation."

No response help is sent.
Otherwise advise "accidental" and reset.

ZONES (1) Arlington, (2) Alexandria, & (3) MWAA (National/DCA & Dulles/IAD Airports)

Name	Zone	A	B	C	D	E	F	G	H
Arlington FD	1	DISP	RESP	INC1	TAC1B	TAC1C	CMD1	INC2	TAC2B
Arlington FD	A1	DISP	RESP	SPEVT1	SPEVT2	SPEVT3	SPEVT4	SPEVT5	SPEVT6
Arlington FD	B1	DISP	RESP	FPO1	FPO2	FPO3	FPO4	TINC1	TTAC1B
Alexandria FD	2	DISPATCH	BRAVO	CHARLIE	DELTA	ECHO	FOXTROT	GOLF	HOTEL
MWAA FD	3	DISP	RESP	INC1	INC2	INC3	CMND 1	CMND 2	ADMIN
Name	Zone	I	J	K	L	M	N	O	P
Arlington FD	1	TAC2C	CMD2	INC3	TAC3B	CMD3	VRS	T/A	DISP
Arlington FD	A1	SPEVENT-CMD	LOG-W	LOG-OPS	LOG-CMD	BOMB-TAC	BOMB-CMD	T/A	FT MYER
Arlington FD	B1	TTAC1C	TCMD1	TINC2	TTAC2B	TTAC2C	TCMD2	T/A	DISP
Alexandria FD	2	INDIA	JULIET	KILO	LIMA	MIKE	AX HOSP	T/A	DISPATCH
MWAA FD	3	AMP CCF	UNF CMND	EMS	DCA ALERT	IAD ALERT	T/A	SAFETY	DISP

If you need to contact these communication centers, please dial 911.

ARLINGTON ZONE 1, A1, B1, ALEXANDRIA 2 OSCAR AND MWAA "NOVEMBER" IS SIMILAR TO MCFRS 7 OSCAR

1 NOVEMBER IS SIMILAR TO THE MCFRS VRS CHANNELS

ALEXANDRIA ZONE 2 NOVEMBER IS FOR EMS CONSULTS

MCFRS JURISDICTIONAL RADIO REFERENCE GUIDE

ZONE (5) Prince William County, Virginia (703) 792-6500

ZONE (6) Loudon County, Virginia (703) 777-2222

Name	Zone	A	B	C	D	E	F	G	H
5	PW FIRE	DISP	RESP 1	INC1	D	E	F	G	H
51	PW FIRE	DISP	RESP 2	INC3	D	E	F	G	H
6	Loudoun FD	DISP	RESP	CD10	TC11	TC12	TC13	CD20	TC21
Name	Zone	I	J	K	L	M	N	O	P
5	PW FIRE	I	J	K	L INC2	M Knox	N TA5	SAF	DISP
51	PW FIRE	I	J	K	L INC4	M Knox	N TA51	SAF	DISP
6	Loudoun FD	TC22	TC23	CD30	TC31	TC32	SFT1	SFT2	RESP

PRINCE WILLIAM 5N, 5O, 51N, 51O AND LOUDON 6N, 6O IS SIMILAR TO MCFRS 7 OSCAR

EMERGENCY BUTTON (EB) PROCEDURES IN PRINCE WILLIAM AND LOUDON ARE IDENTICAL.

EMERGENCY BUTTON "EB" ACTIVATION: "PRINCE WILLIAM (OR LOUDON) TO E-717 CONFIRM OR DENY?" UNIT WILL BE HAILED THREE TIMES. IF NO RESPONSE, P.D. AND FIRE RESOURCES WILL BE SENT TO LAST KNOWN LOCATION.

MAYDAY OPS: UNIT IN QUESTION WILL SAY... "MAY DAY, MAY DAY, MAY DAY" THEN GIVE A "UCAN" **U**nit, **C**ondition, **A**ctions and **N**eeds

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MCFRS JURISDICTIONAL RADIO REFERENCE GUIDE

ZONE 0 District of Columbia (DCFEMS) (202) 673-3266

Name	Zone	A	B	C	D	E	F	G	H
DC FEMS RIZ	RIZ	DC1 UUC1	DC2 UUC2	DC3 UUC3	DC4 UUC4	DC5 MA1	DC6 MA2	DC7 MAF1	DC8 MAF2
DC FEMS	0H	1 UMC	2 CNMC	3 NOTIFY	4 MEDSTAR	5 HUH	6 PIW	7 GTOWN	8 WGUH
DC FEMS	0B	1 DISP	2 MAIN	3 INC 50	4 VRS 50	5 INC 51	6 INC 52	7 INC 60	8 VRS 60
DC FEMS	0A	1 DISP	2 MAIN	3 INC 30	4 VRS 30	5 INC 31	6 INC 32	7 INC 40	8 VRS 40
DC FEMS	0	1 DISP	2 MAIN	3 INC 10	4 VRS 10	5 INC 11	6 INC 12	7 INC 20	8 VRS 20
Name	Zone	I	J	K	L	M	N	O	P
DC FEMS RIZ	RIZ	DC9 EMA1	DC10 EMA2	BLANK	BLANK	BLANK	DC14 SPARE1	DC15 SPARE2	DC16 CW1
DC FEMS	0H	9 UMC PED	10 PROV	11 POISON	12 SIBLEY	13 WHC	14 SPARE	15 VA	16 PGHC
DC FEMS	0B	9 INC 61	10 INC 62	11 SOD 1	12 SOD 2	13 SPEV 3	14 SPEV 4	15 DIR2	16 DIR1
DC FEMS	0A	9 INC 40	10 INC 42	11 EMS 1	12 EMS 2	13 EMS 3S	14 EMS 4	15 DIR2	16 DIR1
DC FEMS	0	9 INC 21	10 INC 22	11 EMS 5	12 EMS 6	13 SPEV 1	14 SPEV 2	15 DIR2	16 DIR1
DC FEMS RIZ	RIZ	DC17 DYN	CHANNEL 17 ACCESSED VIA RADIO KEYPAD						
ALL TALK GROUPS IN RED ARE ENCRYPTED/SECURE. BE MINDFUL OF YOUR SURROUNDINGS BEFORE TRANSMITTING ON A SECURE TALK GROUP!									
IF NEEDED, MA1, MA2, MAF1 & MAF2 ARE USED FOR PATCHING NON DCFEMS UNITS									
THE "0H" ZONE FOR HOSPITAL CONSULTS									

15 DIR2 & 16 DIR1 ARE SIMILAR TO MCFRS 7 OSCAR

VRS 10, 20, 30, 40, 50 AND 60 ARE SIMILAR TO THE MCFRS VRS CHANNELS

DECLARING AN EMERGENCY IN DC

If a MCFRS unit goes into the District of Columbia and has an emergency, transmit the following...

Unit : Eng TK SQ 7 to communications "10-33"**

Comm : OK Eng TK SQ 7** your 10-33 has been received.

EB PROCEDURE

In the event of an EB activation you will hear the following...

Communication to "Unit", check your display.

After a second check and

