

**MARCS
Radio
System
Training
Part 1:
Transition**



TRAINING AGENDA


- **Why We're Changing**
- **Current Radio Systems**
- **MARCS**
- **Emergency Buttons**
- **Transition Template**
- **Transition Process**
- **Summary**



**WHY WE ARE
CHANGING**

WHY WE'RE CHANGING

- **Both Dayton and Montgomery County Trunked Radio Systems (TRS) are at end of life**
- **Digital system improvements**
- **MARCS offers vast interoperability**
- **Montgomery County digital system going live in August, 2016 with ten radio towers**



**CURRENT RADIO
SYSTEMS**

CURRENT RADIO SYSTEMS

- **Primarily use two "trunked" (i.e., computer-controlled) radio systems:**
 - **City of Dayton Trunked Radio System (TRS)**
 - **Montgomery County Trunked Radio System (TRS)**



Current Montgomery County Fire Template

Current Montgomery County Fire Template

CH	FIRE DEPT ZONE 1	HOSPITAL ZONE 2	FIRE DEPT ZONE 3	ZONE 4	ZONE 5	ZONE 6	ZONE 7	ZONE 8	INTEROP ZONE 9	REGIONAL ZONE 10
1	FMS DEPT	FMS DEPT	FMS DEPT	FMS DEPT	FMS DEPT	FMS DEPT	FMS DEPT	FMS DEPT	FMS DEPT	FMS DEPT
2	CMC			Operations 01	Operations 02	Operations 03	Operations 04	Operations 05	L&I	Operations 100
3	SMC			Operations 06	Operations 07	Operations 08	Operations 09	Operations 10	L&I	Operations 100
4	SMC			Operations 11	Operations 12	Operations 13	Operations 14	Operations 15	L&I	Operations 100
5	SMC			Operations 16	Operations 17	Operations 18	Operations 19	Operations 20	L&I	Operations 100
6	SMC			Operations 21	Operations 22	Operations 23	Operations 24	Operations 25	L&I	Operations 100
7	SMC			Operations 26	Operations 27	Operations 28	Operations 29	Operations 30	L&I	Operations 100
8	SMC			Operations 31	Operations 32	Operations 33	Operations 34	Operations 35	L&I	Operations 100
9	SMC			Operations 36	Operations 37	Operations 38	Operations 39	Operations 40	L&I	Operations 100
10	SMC			Operations 41	Operations 42	Operations 43	Operations 44	Operations 45	L&I	Operations 100
11	SMC			Operations 46	Operations 47	Operations 48	Operations 49	Operations 50	L&I	Operations 100
12	SMC			Operations 51	Operations 52	Operations 53	Operations 54	Operations 55	L&I	Operations 100
13	SMC			Operations 56	Operations 57	Operations 58	Operations 59	Operations 60	L&I	Operations 100
14	SMC			Operations 61	Operations 62	Operations 63	Operations 64	Operations 65	L&I	Operations 100
15	SMC			Operations 66	Operations 67	Operations 68	Operations 69	Operations 70	L&I	Operations 100
16	SMC			Operations 71	Operations 72	Operations 73	Operations 74	Operations 75	L&I	Operations 100

RADIO TEMPLATE

- All Zones of current Montgomery County Fire Interoperability Template have Dispatch at the top and FD Simplex at the bottom
 - Can always find dispatch by rotating all the way up to "1" and find FD Simplex by rotating all the way down to "16"

MARCS

MARCS

- MARCS:
 - Ohio Multi-Agency Radio Communication System
 - Statewide trunked digital radio system for state, local, and federal public safety and first responder entities

MARCS

- MARCS - Multi-Agency Radio Communication System
 - "SYSTEM OF SYSTEMS"
 - Operated by state of Ohio - in conjunction with local agencies
 - Montgomery County building all new Digital Trunked Radio System
 - As with many other counties (Franklin, Butler, Warren, Hamilton, Cuyahoga, etc.), new Montgomery County TRS will become a system within MARCS

MARCS "SYSTEM OF SYSTEMS"

- **Dedicated to providing Ohio's first responders and public safety providers with state-of-the-art wireless digital communications, and to promote interoperability, in order to save lives and maximize effectiveness in both normal operations and emergency situations.**



MARCS

- **MARCS Facts:**
 - 700/800 MHz radio network using state-of-the-art trunked technology to provide digital clarity
 - Throughout Ohio and 10 mile radius outside Ohio
 - Maximum statewide interoperability
 - Currently over 47,500 voice units on MARCS representing over 1200 public safety/public service agencies statewide
 - including local, state, and federal agencies



MARCS BENEFITS

- **Interoperability:**
 - Fire
 - EMS
 - LE
 - Public Health
 - Hospitals
 - Public Works
 - Others



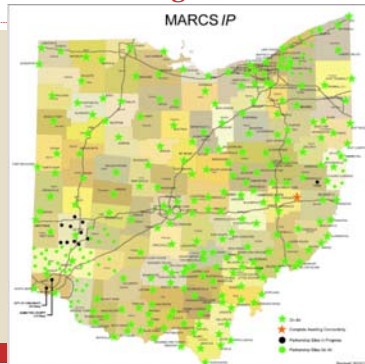
MARCS BENEFITS

- **Vast interoperability:**
 - **Neighboring counties**
 - Greene
 - Butler
 - Warren
 - Clark (some agencies)
 - Miami (Fall/Winter 2016)
 - Darke (considering)
 - **Distant counties**
 - Emergency Response System activation
 - Giving
 - Receiving



MARCS Coverage

- **MARCS-IP Coverage Map**



MARCS SYSTEMS TERMINOLOGY

- **All the same:**
 - MARCS IP
 - P-25
 - MARCS Digital



EMERGENCY BUTTONS

ORANGE BUTTON - EMERGENCY BUTTON

- **What Orange Buttons do once we move to MARCS**

ORANGE BUTTON - EMERGENCY BUTTON

- **ORANGE BUTTON - EMERGENCY BUTTON**

- Tactical - Once activated you will stay on the talkgroup you were on when the emergency button was hit.
- The dispatcher will see on their console the radio alias for which radio activated the emergency.
 - ✦ The dispatch center that sees the emergency activation may not necessarily be "your" dispatch center.
- This talkgroup becomes a high priority talkgroup - meaning it receives priority in the queue for channel assignment from the master controller
- User must be on a trunked radio system for this to work.
 - ✦ Will not work while using simplex or any conventional channel. Radio will "Bonk" if you hit the orange button.

ORANGE BUTTON - EMERGENCY BUTTON

- If you are on a Hospital talkgroup and you hit the emergency button your radio will revert to your primary dispatch talkgroup
 - ✦ Dispatch centers do not have the hospital talkgroups programmed in their consoles.

ORANGE BUTTON – EVACUATION TONE

- **ORANGE BUTTON - EVACUATION TONE**

- Press and hold the PTT, then press and release the orange button
- A high/low tone will be emitted on all other radios using the same talkgroup.
- The tone will stop once the PTT is released

This will not work on the MARCS digital system

RADIO SYSTEM

- **Radio System Failure**
 - Coverage problem/Out of range signal
 - ✦ Switch to FD Simplex
 - ✦ Note: SOPs should require someone outside a structure to monitor FD Simplex

Montgomery County Transition Template

- ## TRANSITION TEMPLATES
- The transition template is a radio template with talkgroups programmed for the new P25 Trunked Radio System **and** talkgroups for the existing analog Trunked Radio System
 - Radios need to be programmed with the "Transition Template" no later than August 1
 - Responsibility of each agency
 - Radios will be programmed with the new talkgroups in Zones 1-23 or in some radios Zones 1-32

- ## TRANSITION TEMPLATES
- ZONE A - I**
 - First nine zones of current fire template
 - We will use Zones A-I until the August Cut-Over
 - Continue to operate as usual using the talkgroups in these zones
 - Zone 10 removed to make room for additional programming
 - Old zones lettered not numbered to avoid confusing old and new systems
 - ZONE 1 - 23**
 - The new talkgroups will be in Zones 1 – 23 new MARCS template
 - Some agencies are putting in full final template and their new talkgroups will be in Zones 1-32
 - New Zones are numeric

- ## RADIO TEMPLATE
- All Lettered Zones of Transition Template have Dispatch at the top and FD Simplex at the bottom**
 - Can find dispatch by rotating all the way up to "1" and find FD Simplex by rotating all the way down to "16"
 - SOME numbered Zones of Transition Template have Dispatch at the top and FD Simplex at the bottom**
 - NOT ALL!

TRANSITION TEMPLATE – "OLD" STUFF- use until August Cut-Over

Old Zone	New Zone	Agency	Agency	Agency	Agency	Agency	Agency	Agency
1	1	...	...	...	...	...	...	...
2	2	...	...	...	...	...	...	...
3	3	...	...	...	...	...	...	...
4	4	...	...	...	...	...	...	...
5	5	...	...	...	...	...	...	...
6	6	...	...	...	...	...	...	...
7	7	...	...	...	...	...	...	...
8	8	...	...	...	...	...	...	...
9	9	...	...	...	...	...	...	...
10	10	...	...	...	...	...	...	...
11	11	...	...	...	...	...	...	...
12	12	...	...	...	...	...	...	...
13	13	...	...	...	...	...	...	...
14	14	...	...	...	...	...	...	...
15	15	...	...	...	...	...	...	...
16	16	...	...	...	...	...	...	...
17	17	...	...	...	...	...	...	...
18	18	...	...	...	...	...	...	...
19	19	...	...	...	...	...	...	...
20	20	...	...	...	...	...	...	...
21	21	...	...	...	...	...	...	...
22	22	...	...	...	...	...	...	...
23	23	...	...	...	...	...	...	...
24	24	...	...	...	...	...	...	...
25	25	...	...	...	...	...	...	...
26	26	...	...	...	...	...	...	...
27	27	...	...	...	...	...	...	...
28	28	...	...	...	...	...	...	...
29	29	...	...	...	...	...	...	...
30	30	...	...	...	...	...	...	...
31	31	...	...	...	...	...	...	...
32	32	...	...	...	...	...	...	...

- ## TRANSITION TEMPLATE
- Begin using these Zones 1-23 or 1-32 at Cut-Over (Mid-August 2016)**

TRANSITION TEMPLATE

- **Zones 1 and 2**
 - User defined talkgroup assignments (similar to today's Z1 and Z3)
- **Z3 Hosp**
 - Additional user defined zone
 - Can be used for additional talkgroups for normal use
 - Preferred/recommended to use this as primary transport hospital zone
 - With expansion of emergency care centers (GSH N, KHN Franklin, etc.), this allows for departments to decide what primary transport hospitals they want in this zone

Ch	Zone 1	Zone 2	Zone 3
1	57FD00	57FD01	57FD02
2	57FD03	57FD04	57FD05
3	57FD06	57FD07	57FD08
4	57FD09	57FD10	57FD11
5	57FD12	57FD13	57FD14
6	57FD15	57FD16	57FD17
7	57FD18	57FD19	57FD20
8	57FD21	57FD22	57FD23
9	57FD24	57FD25	57FD26
10	57FD27	57FD28	57FD29
11	57FD30	57FD31	57FD32
12	57FD33	57FD34	57FD35
13	57FD36	57FD37	57FD38
14	57FD39	57FD40	57FD41
15	57FD42	57FD43	57FD44
16	57FD45	57FD46	57FD47
17	57FD48	57FD49	57FD50
18	57FD51	57FD52	57FD53
19	57FD54	57FD55	57FD56
20	57FD57	57FD58	57FD59
21	57FD60	57FD61	57FD62
22	57FD63	57FD64	57FD65
23	57FD66	57FD67	57FD68
24	57FD69	57FD70	57FD71
25	57FD72	57FD73	57FD74
26	57FD75	57FD76	57FD77
27	57FD78	57FD79	57FD80
28	57FD81	57FD82	57FD83
29	57FD84	57FD85	57FD86
30	57FD87	57FD88	57FD89
31	57FD90	57FD91	57FD92
32	57FD93	57FD94	57FD95
33	57FD96	57FD97	57FD98
34	57FD99	57FD00	57FD01

TRANSITION TEMPLATE

- **Zone 4, 6 & 7**
 - 57 FD40, 57FD60 and 57FD70
 - All Montgomery TGs will be preceded by 57 (Ohio county identifier)
 - Shared talkgroups similar to today's template
 - Ops 42 – 49, 62 – 69 and 72 – 79
 - Med 4A/4B/4C, 6A/6B/6C, and 7A/7B/7C
 - OPS 49/69/79 encrypted with ADP shared encryption
- **Zones 8 – 9**
 - 57 FD80 – 57 FD90
 - Shared talkgroups for departments dispatched by RDC
 - OPS 80 and 90 encrypted with ADP shared encryption
 - Dayton FD going to 90
 - DOA Fire is now in Zone 9
 - RDC EMS TGs will become Ops 8A/8B/8C/8D and 9A/9B/9C/9D instead of "Med"

TRANSITION TEMPLATE

Zone 4	Zone 6	Zone 7	Zone 8	Zone 9
57FD40	57FD41	57FD42	57FD43	57FD44
57FD45	57FD46	57FD47	57FD48	57FD49
57FD50	57FD51	57FD52	57FD53	57FD54
57FD55	57FD56	57FD57	57FD58	57FD59
57FD60	57FD61	57FD62	57FD63	57FD64
57FD65	57FD66	57FD67	57FD68	57FD69
57FD70	57FD71	57FD72	57FD73	57FD74
57FD75	57FD76	57FD77	57FD78	57FD79
57FD80	57FD81	57FD82	57FD83	57FD84
57FD85	57FD86	57FD87	57FD88	57FD89
57FD90	57FD91	57FD92	57FD93	57FD94
57FD95	57FD96	57FD97	57FD98	57FD99
57FD00	57FD01	57FD02	57FD03	57FD04
57FD05	57FD06	57FD07	57FD08	57FD09
57FD10	57FD11	57FD12	57FD13	57FD14
57FD15	57FD16	57FD17	57FD18	57FD19
57FD20	57FD21	57FD22	57FD23	57FD24
57FD25	57FD26	57FD27	57FD28	57FD29
57FD30	57FD31	57FD32	57FD33	57FD34
57FD35	57FD36	57FD37	57FD38	57FD39
57FD40	57FD41	57FD42	57FD43	57FD44
57FD45	57FD46	57FD47	57FD48	57FD49
57FD50	57FD51	57FD52	57FD53	57FD54
57FD55	57FD56	57FD57	57FD58	57FD59
57FD60	57FD61	57FD62	57FD63	57FD64
57FD65	57FD66	57FD67	57FD68	57FD69
57FD70	57FD71	57FD72	57FD73	57FD74
57FD75	57FD76	57FD77	57FD78	57FD79
57FD80	57FD81	57FD82	57FD83	57FD84
57FD85	57FD86	57FD87	57FD88	57FD89
57FD90	57FD91	57FD92	57FD93	57FD94
57FD95	57FD96	57FD97	57FD98	57FD99

TRANSITION TEMPLATES – NEW STUFF

- **Zones 5 & 10**
- **Zone 5**
 - R3HOSP1
 - Hospital zone that includes Region 3 Hospital ER calling channels for facilities in Montgomery County
- **Zone 10**
 - R3HOSP2
 - Hospital zone that includes ER calling channels for facilities in the Region 3 area (except Montgomery County)
- 57ED1, 57ED2, and R3ED3
 - Hospital Expansion TGs

MCI TALK GROUPS

- During an MCI, current system of repeatedly changing to different hospital Talk Groups, entering encodes each time is time-consuming and ineffective
 - Also causes fragmented communications
- **Solution: MCI Talk Groups**
 - GDAHA hospitals purchasing separate radios specifically for this purpose
 - No need to switch TGs:
 - ✦ Transport Officer simply notifies one hospital
 - ✦ After acknowledgement, notifies the next
 - All hospitals have a "common operating picture"

TRANSITION TEMPLATES – NEW STUFF

- **MCI TGs**
 - HSR3-MCI in both Zone 5 and Zone 10
 - HSR6-MCI in Zone 10
- HSR3-MCI TG will eventually reach all Region 3 hospitals
- HSR6-MCI TG will reach all Region 6 hospitals
 - Can be patched together by MARCS-allowed dispatch centers (PSAPs)

TRANSITION TEMPLATE

Zone 8	Zone 10	Ch
870000000	870000000	8
8700001	8700001	8
8700002	8700002	8
8700003	8700003	8
8700004	8700004	8
8700005	8700005	8
8700006	8700006	8
8700007	8700007	8
8700008	8700008	8
8700009	8700009	8
8700010	8700010	8
8700011	8700011	8
8700012	8700012	8
8700013	8700013	8
8700014	8700014	8
8700015	8700015	8
8700016	8700016	8
8700017	8700017	8
8700018	8700018	8
8700019	8700019	8
8700020	8700020	8
8700021	8700021	8
8700022	8700022	8
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8700029	8700029	8
8700030	8700030	8
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8700036	8700036	8
8700037	8700037	8
8700038	8700038	8
8700039	8700039	8
8700040	8700040	8
8700041	8700041	8
8700042	8700042	8
8700043	8700043	8
8700044	8700044	8
8700045	8700045	8
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8700048	8700048	8
8700049	8700049	8
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8700088	8700088	8
8700089	8700089	8
8700090	8700090	8
8700091	8700091	8
8700092	8700092	8
8700093	8700093	8
8700094	8700094	8
8700095	8700095	8
8700096	8700096	8
8700097	8700097	8
8700098	8700098	8
8700099	8700099	8
8700100	8700100	8

TRANSITION TEMPLATES – NEW STUFF

- **Zone 11**
 - 57CNTYWDE TGs
 - County-wide event use talkgroups
 - Similar to current I-OPS 1, 2, 3, and 4
 - More of them to eliminate separate special event talkgroups
 - LE talkgroups included with purpose similar to our current LE talkgroups in the interop zone
 - MCOEM, Coroner, Animal Resource Center, MC Jail, RTA Supervisor, and Five Rivers Metro Police
- **Important note: LE has different meanings depending on context**
 - MARCS LE TGs are local event
 - The 57 LE TGs are Law Enforcement

TRANSITION TEMPLATE

- **Zone 12**
 - 57PD PSAPS
 - Lists primary talkgroups for each of the police Public Safety Answering Points (PSAPs)
 - Gives capability for FD crews to contact PD dispatch centers directly
 - Only one talkgroup per PSAP
- **Zone 13**
 - 8TAC I/O (zone display)
 - 800 Mhz national interoperability stand alone repeaters
 - Conventional channel; not on trunked system
 - Includes (5) 8CALL/TAC repeaters
 - Includes (3) 800Mhz repeaters for use in Montgomery County

TRANSITION TEMPLATE

Zone 11	Zone 12	Zone 13
8700000	8700000	8700000
8700001	8700001	8700001
8700002	8700002	8700002
8700003	8700003	8700003
8700004	8700004	8700004
8700005	8700005	8700005
8700006	8700006	8700006
8700007	8700007	8700007
8700008	8700008	8700008
8700009	8700009	8700009
8700010	8700010	8700010
8700011	8700011	8700011
8700012	8700012	8700012
8700013	8700013	8700013
8700014	8700014	8700014
8700015	8700015	8700015
8700016	8700016	8700016
8700017	8700017	8700017
8700018	8700018	8700018
8700019	8700019	8700019
8700020	8700020	8700020
8700021	8700021	8700021
8700022	8700022	8700022
8700023	8700023	8700023
8700024	8700024	8700024
8700025	8700025	8700025
8700026	8700026	8700026
8700027	8700027	8700027
8700028	8700028	8700028
8700029	8700029	8700029
8700030	8700030	8700030
8700031	8700031	8700031
8700032	8700032	8700032
8700033	8700033	8700033
8700034	8700034	8700034
8700035	8700035	8700035
8700036	8700036	8700036
8700037	8700037	8700037
8700038	8700038	8700038
8700039	8700039	8700039
8700040	8700040	8700040
8700041	8700041	8700041
8700042	8700042	8700042
8700043	8700043	8700043
8700044	8700044	8700044
8700045	8700045	8700045
8700046	8700046	8700046
8700047	8700047	8700047
8700048	8700048	8700048
8700049	8700049	8700049
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8700051	8700051	8700051
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8700092	8700092	8700092
8700093	8700093	8700093
8700094	8700094	8700094
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8700097	8700097	8700097
8700098	8700098	8700098
8700099	8700099	8700099
8700100	8700100	8700100

TRANSITION TEMPLATES – NEW STUFF

- **MARCS interoperability zones**
 - Talkgroups designed by MARCS for interoperability
 - Added:
 - SW ROAD TAC Talkgroup designed for use by public works departments when working together on a regional response (snow/debris removal)
 - SW TRANSPORT Talkgroup designed for use by transportation agencies when working on mass transport issues (evacuations/large event transportation plans).

TRANSITION TEMPLATE

- **ECOMMs**
- Used as tactical (“ops”) channels during emergency incidents
- Available to all MARCS users
 - Especially beneficial in interdisciplinary incidents (e.g., an incident with public health on scene)
- Must request an ECOMM through MARCS Help Desk (HLPDSK TG, or by phone)
 - Reach MARCS Helpdesk 24/7 @ 1-866-OH-MARCS (1-866-646-2727)
- Be prepared to give name and phone number, as well as an estimate of how long ECOMM will be in use (hours, days, week, etc.), and authority for request (IC)

TRANSITION TEMPLATE

Zone 14	Zone 18
LECOMM4	LECOMM8
LECOMM5	LECOMM7
LECOMM6	LECOMM9
LECOMM7	LECOMM8
LECOMM8	LECOMM9
LECOMM9	LECOMM10
LECOMM10	LECOMM11
LECOMM11	LECOMM12
LECOMM12	LECOMM13
LECOMM13	LECOMM14
LECOMM14	LECOMM15
LECOMM15	LECOMM16
LECOMM16	LECOMM17
LECOMM17	LECOMM18
LECOMM18	LECOMM19
LECOMM19	LECOMM20
LECOMM20	LECOMM21
LECOMM21	LECOMM22
LECOMM22	LECOMM23
LECOMM23	LECOMM24
LECOMM24	LECOMM25
LECOMM25	LECOMM26

TRANSITION TEMPLATE

- Zones 16 & 17
- 9 FIRE A & 9 FIRE B
- Butler County fire interoperability zones
- Zone 18
- 12 FIRE 1
- Clark County fire interoperability zone
- Zone 19 & 20
- 29FIRE 1 & 29FIRE 2
- Greene County fire interoperability zones

TRANSITION TEMPLATES – NEW STUFF

- Zone 21
- 55FIRE
- Miami County fire interoperability zone.
- Zone 22 & 23
- 83 FIRE A & 83 FIRE B
- Warren County fire interoperability zones

TRANSITION TEMPLATE

Zone 16	Zone 17	Zone 18	Zone 19	Zone 20	GN	Zone 21	Zone 22	Zone 23
89 FIRE A	89 FIRE B	12 FIRE 1	29 FIRE 1	29 FIRE 2	GN	83 FIRE A	83 FIRE B	83 FIRE C
SMALL	DRIVENY 1	1200FD	DRIVEPOLY	DRIVE 800P	8		83 FIRE POLY	83 FIRE POLY
DRIFACE	DRIVENY 2	1200FACG	DRIFAC 1	DRIFAC 2	9		83 FIRE POLY	83 FIRE POLY
DRIVE 1000	DRIVENY 3	1200FACG	DRIFAC 3	DRIFAC 4	9		83 TAC 1	83 TAC 2
DRIVENY 4	DRIVENY 5	1200FACG	DRIFAC 5	DRIFAC 6	9		83 TAC 3	83 TAC 4
DRIFAC 5	DRIMA 5	1200FACG	DRIFAC 7	DRIFAC 8	9		83 TAC 5	83 TAC 6
DRIFAC 6	DRIMA 6	1200FACG	DRIFAC 9	DRIFAC 10	9		83 TAC 7	83 TAC 8
DRIFAC 7	DRIMA 7	1200FACG	DRIFAC 11	DRIFAC 12	9		83 TAC 9	83 TAC 10
DRIFAC 8	DRIMA 8	1200FACG	DRIFAC 13	DRIFAC 14	9		83 TAC 11	83 TAC 12
DRIFAC 9	DRIMA 9	1200FACG	DRIFAC 15	DRIFAC 16	9		83 TAC 13	83 TAC 14
DRIFAC 10	DRIMA 10	1200FACG	DRIFAC 17	DRIFAC 18	9		83 TAC 15	83 TAC 16
DRIFAC 11	DRIMA 11	1200FACG	DRIFAC 19	DRIFAC 20	9		83 TAC 17	83 TAC 18
DRIFAC 12	DRIMA 12	1200FACG	DRIFAC 21	DRIFAC 22	9		83 TAC 19	83 TAC 20
DRIFAC 13	DRIMA 13	1200FACG	DRIFAC 23	DRIFAC 24	9		83 TAC 21	83 TAC 22
DRIFAC 14	DRIMA 14	1200FACG	DRIFAC 25	DRIFAC 26	9		83 TAC 23	83 TAC 24
DRIFAC 15	DRIMA 15	1200FACG	DRIFAC 27	DRIFAC 28	9		83 TAC 25	83 TAC 26
DRIFAC 16	DRIMA 16	1200FACG	DRIFAC 29	DRIFAC 30	9		83 TAC 27	83 TAC 28
DRIFAC 17	DRIMA 17	1200FACG	DRIFAC 31	DRIFAC 32	9		83 TAC 29	83 TAC 30
DRIFAC 18	DRIMA 18	1200FACG	DRIFAC 33	DRIFAC 34	9		83 TAC 31	83 TAC 32
DRIFAC 19	DRIMA 19	1200FACG	DRIFAC 35	DRIFAC 36	9		83 TAC 33	83 TAC 34
DRIFAC 20	DRIMA 20	1200FACG	DRIFAC 37	DRIFAC 38	9		83 TAC 35	83 TAC 36
DRIFAC 21	DRIMA 21	1200FACG	DRIFAC 39	DRIFAC 40	9		83 TAC 37	83 TAC 38
DRIFAC 22	DRIMA 22	1200FACG	DRIFAC 41	DRIFAC 42	9		83 TAC 39	83 TAC 40
DRIFAC 23	DRIMA 23	1200FACG	DRIFAC 43	DRIFAC 44	9		83 TAC 41	83 TAC 42
DRIFAC 24	DRIMA 24	1200FACG	DRIFAC 45	DRIFAC 46	9		83 TAC 43	83 TAC 44
DRIFAC 25	DRIMA 25	1200FACG	DRIFAC 47	DRIFAC 48	9		83 TAC 45	83 TAC 46
DRIFAC 26	DRIMA 26	1200FACG	DRIFAC 49	DRIFAC 50	9		83 TAC 47	83 TAC 48

TRANSITION PROCESS

- Coverage testing of new system will take place in the beginning of August 2016
- System cut-over will be in Mid-August with entities changing over on the following plan:
 - o Day 1 – All hospitals, VA, UD and Sinclair and public work entities
 - o Day 2 – Huber Heights, Englewood and Vandalia
 - o Day 3 – Centerville, Kettering, Moraine and Oakwood
 - o Day 4 – RDC customers including Dayton Airport
 - o Day 5 – Contingency day

TRANSITION PROCESS

- Not just “turn one on, turn the other off”
- Cannot reprogram hundreds of radios “instantly”
 - All radios need to have both old and new systems by August
- Period of time when parts of both systems on
- To provide for that, MVFEA Communications Committee developed the “Transition Template”



TRANSITION PROCESS

- Extensive support for radio technicians and dispatch centers during transition
- Recommend all Dispatch Centers during Transition Week:
 - Monitor both systems to extent possible and notify crews who are on wrong system
 - Announce during EVERY dispatch whether assigned TG is on alphabet zone (old system) or numeric zone (new system)
- Each department needs to ensure all personnel are notified and appropriately trained



MUTUAL AID WITH DAYTON

- Dayton will now be in Zone 9
 - Dayton FD Ops will be 92-99
 - Dayton Airport FD also in Zone 9



SUMMARY

SUMMARY

- Continue to use old system now
- Use lettered zones until notified by your agency and dispatch center
- During transition week, some agencies will be on new system, some on old
- Recommend all dispatch centers make daily announcements during transition week
 - Which agencies on old system; which on new
- Roll call at time of switchover



NEXT STEPS

- Develop/program the final template
- Provide further training and answer questions regarding the radio systems and transition process
- Revise MVFEA Communications SOP
- Develop MARCS Radio System Training for Montgomery County users



CONTINUING EDUCATION

- EMS CE provided courtesy of Greater Miami Valley EMS Council
 - ✦ Complete the accompanying quiz and you will automatically be issued a CE Certificate
- Fire Suppression CE provided courtesy of Miami Valley Fire/EMS Alliance
 - ✦ Simply send an email stating you completed this training to: vtate@mvfea.com or jackiel@mvfea.com

Questions?

FOR QUESTIONS, CONTACT LT. DAVID ANDES, DAYTON FIRE DEPARTMENT, CITY OF DAYTON RADIO SYSTEM COORDINATOR AT 937-333-4521 OR BY EMAIL DAVID.ANDES@DAYTONOHIO.GOV