

Interoperability Continuum



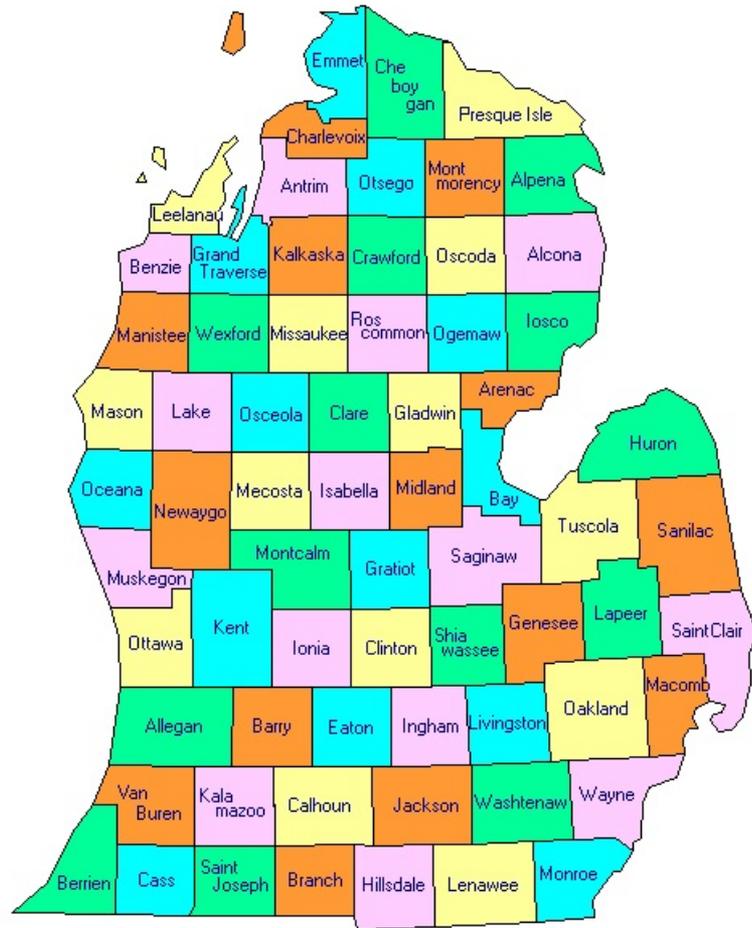
Oakland County Interoperable Communications



Michigan Statewide Interoperable Communications Conference 2015



Michigan Interoperable Communications Conference 2015- Oakland County



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- ▶ Harris – Open Sky Radio System (OakWIN)

Oakland Wireless Integrated Network

- ▶ 70 Dispatch Positions
- ▶ 2,000 Mobile Radios
- ▶ 4,000 Portable Radios
- ▶ 53 Tower Sites
- ▶ 50 VTACs
- ▶ 12 County deployed BDAs



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- ▶ 14 County Hospitals have their own radio TG and are also equipped with VHF radio for the “HEAR” system (Hospital Emergency Administrative Radio)
- ▶ APCO standard for nomenclature
- ▶ Include 700/800 MHz P25 and FM channels
- ▶ 95% completion in rebanding of mobiles and portables all towers were completed in 2013
- ▶ (16) 700MHz sites and more are planned



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- ▶ **Countywide Standard Operating Policies**
 - ▶ Radio Policy
 - ▶ Common Language, Patching, Emergency Button Activation
 - ▶ Pursuit Operations for PSAP
 - ▶ Patching to Countywide TG while First Responders stay on Primary TG
 - ▶ Countywide Police and Fire TG / ALL DISPATCH
 - ▶ MABAS Profiles
 - ▶ Mass Casualty Incident (MCI)
 - ▶ Training, Training, Training
 - Monthly Patch Testing at PSAP
 - Mobile and Radio
 - Conventional and Profile changes



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- ▶ Network First gateway connected to MPSCS Radio MCC 7500 consoles within Sheriff's Operations Center



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MPCS TALK GROUPS FOR OAKLAND COUNTY CONSOLES

EVENTS			GENESEE	LAPEER	LIVINGSTON	MACOMB	WASHTENAW	WAYNE	DETROIT	MABAS	OAKLAND	GENERAL
GEVENT01	HEVENT16	IEVENT31	25FG2	44FIRE1	47EMER1	50FIRE1	81INOP1	InterCity CONV	DPD01	MABASDPS	63MPSC1	INTERDST
GEVENT02	HEVENT17	IEVENT32	25FG3	44FIRE2	47EMER2	50FIRE2	81INOP2	82LFD2	DPD02	MABAS1	63MPSC2	REGD2E
GEVENT03	HEVENT18	IEVENT33	25FG4	44FIRE3	47SPEV1	50FIRE3	81INOP3	82HMRT1	DPD03	MABAS2	63MPSC3	EMMD2
GEVENT04	HEVENT19	IEVENT34	25FG5	44FIRE4	47SPEV2	50FIRE4	81INOP4	82HMRT2	DPD04	MABAS3	63MPSC4	STATW2
GEVENT05	HEVENT20	IEVENT35	25FG6	44FIRE5	47FD911	50MASH	81INOP5	82HMRT3	DPD05	MABAS4	63MPSC5	REGD2W
GEVENT06	HEVENT21	IEVENT36	25FG7	44TAC1		50SERFD	81INOP6	82USAR1	DPD06	MABAS5	63P911 (Patch)	63INT
GEVENT07	HEVENT22	IEVENT37	25FG8	44TAC2		50RVPD	81INOP7	82USAR2	DPD07	MABASCC1	63F911 (Patch)	
GEVENT08	HEVENT23	IEVENT38	25FG9	44TAC3		50EPSS1	81INOP8	82RRTN1	FDSP1	MABASCC2	63OAKH (Patch)	
GEVENT09	HEVENT24	IEVENT39	25FG10			50EPSS2	81INOP9	82RRTN2	FDFS3	MITF1	63OSOP1	
GEVENT10	HEVENT25	IEVENT40	393F911			50SPEV16	81INOP10	82C911	FDEDSP1	63TRY2	63OSOP2	
GEVENT11	HEVENT26	IEVENT41	393COM				81INOP11		FDES3	63CST	63OSOP3	
GEVENT12	HEVENT27	IEVENT42					81INOP12				AIRLZ1	
GEVENT13	HEVENT28	IEVENT43					81INOP14				AIRLZ2	
GEVENT14	HEVENT29	IEVENT44					81INOP15				63NOF1	
GEVENT15	HEVENT30	IEVENT45										
		IEVENT46	25COM	44COM	47COM	50COM	81COM	82COM			63COM	



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- ▶ **7 Counties and the City of Detroit**
 - ▶ Daily operations for Fire Departments
 - ▶ Mutual Aid and dual response areas (freeways)
 - ▶ Planned Events
 - ▶ Dignitary escort, Dream Cruise, Directed Patrol Activities
 - ▶ Unplanned Events
 - ▶ Pursuits, Major Crimes, Natural Disaster, Major Fires

Prepared draft Standard Operating Procedures with all agencies. SOP's within Sheriff's Operations Center to control all patching to Oakland County TG's after partner agency advises on TG usage.



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- ▶ **Where we need to be:**
 - ▶ Approved SOP in place with all Counties
 - ▶ Monthly Patch Testing
 - ▶ Table top Exercise
 - ▶ Functional Exercise for County to County Interop Comms
 - ▶ Functional Exercise for SE Region

- ▶ Use UASI – Interoperable Communications Committee (ICC)

