

Multi-Agency Radio Communications System (MARCS)
Steering Committee • Meeting Minutes
April 7, 2015 • 1:00 p.m.

Committee Members In Attendance:	Stu Davis , State CIO/Assistant Director DAS, as Chair Todd Clark , Budget/Management Analyst 5 representing OBM John Born , Director ODPS Toby Wagner , Law Enforcement Chief, ODNR	Kevin Stockdale , Deputy Director of Administration, ODRC Carl Merckle , Statewide EMA Coordinator, ODOT Larry Flowers , Ohio State Fire Marshal
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Welcome

Chairman, Stu Davis called the MARCS Steering Committee Meeting to order.

1. Introduction (Darryl L. Anderson, MARCS Program Director).

Steering Committee Members (hereinafter “The Committee”) in attendance were introduced with D. Anderson noting Ohio State Fire Marshal Larry Flowers would not be in attendance due to illness. All other individuals in audience attendance introduced.

2. Review of 12/8/2014 Meeting Minutes:

The minutes of the December 8, 2014 were introduced by D. Anderson. Minutes reviewed by all.

MOTION	Toby Smith made a motion to accept the December 8, 2014 minutes. Seconded by John Born. Stu Davis called for a vote, the motion passed.
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3. Operating Budget Review:

Presented and reviewed by Darryl Anderson.

Handout “B” MARCS/P-FY14/FY15 Budget Review.

- FY14 Actual - \$14,406,720.
- FY15 Working - \$14,508,151.
- FY15 Expended - \$13,230,969.

Handout “B” MARCS/P-FY16 Projected Budget.

- FY 15 Working- \$14,508,151.
- FY 16 Projected- \$14,940,712.

FY 15 spending will be at or over budget due to funding both AT&T and Agile backhaul.

4. MARCSIP Roll-out Update:

Presented and reviewed by Stuart Johnston, Motorola Project Manager.

Handout “C” - 7.13 700 MHz Voice overlay.

- 196 sites on air.
- Site Installs complete.
- 7 of 203 Sites remaining, due to Agile backhaul and/or lack of 700 MHz frequencies.
- Cutover & Finalization of 7.15 upgrade – 4/15.
- Phase II (dimming of 3.5 system) – begins 5/1/15
- Finalization of the Project dependent on OSHP migration of mobile voice, CAD and Console Voice upgrades. Goal: 7/15.

Motorola Premier One CAD/FBR/RMS:

Presented and reviewed by Tom Bretthauer.

Handout “D” - PremierOne CAD/RMS.

- Tom Bretthauer introduced Doug Johnson with PremierOne/ODNR.
- ODNR PremierOne CAD/MOBILE-up and running service.
- Very beneficial to ODNR dispatchers.
- Most common issue related to connectivity in field & unit check-up’s.
- Q3 tentative transition.
- Training complete – Warren, Bucyrus, Cambridge, Findlay & Jackson.
- MOU – moving thru signature process.
- Motorola Contract – OEPA submitted request to purchase.
- Clermont County- second demo was scheduled for county 2/19-20/2015.
- Upcoming training- May 2015 and 2nd week in June.
- Non-State Agencies still pursuing aggressively.

Agile Update:

Presented and reviewed by Jason Miller.

- Jason Miller of Agile, gave update on FBR/RMS on behalf of Kyle Quillen, Agile.
- Cincinnati and Greene County- should be ready by end of next week.
- Mt. Gilead- waiting on OK.
- Londonderry- OU Site - paperwork still ongoing.
- Laurelville/New Philadelphia- still need connectivity.
- Jefferson County-pending due to partnership, will start building next week.
- Backhaul-Highway Patrol post radio consoles – approximately 2/3 built.
- Fiber Optic to sites still working on timelines, not critical path at this time.

°**ACTION ITEM.** Stu Davis would like follow-up from Jason with Agile on 2/3’s built.

Handout “F” – MARCS Legacy (3.5) Phased Turn-Down.

Presented and reviewed by Darryl Anderson.

- As of 4-4-15, 60% P-T-T traffic on MARCSIP
- Most state agencies fully transitioned to *MARCSIP*.
- Turn-off date effected by upgrade to V7.15- advertised.
- “Turn-down”, will result in one or two talkpaths with original remaining 160 MARCS 3.5 Voice Towers.
- This will ensure near 100% GOS at all *MARCSIP* sites by re-purposing remaining 800 MHz frequency pairs.
- We are monitoring 3.5 usage closely & communicate with stragglers until transition is complete.
- Will continue to support existing 3.5 platform around Cuyahoga County until completion of RNC, summer 2016.
- Lt. Bradshaw, OSHP provided summary of OSHP timeline and financing.
- Will have Motorola support till 6/30/2016 on Old Platform. No funding available to support old platform after this date.

Handout “G” - MPP-31 Update.

Presented and reviewed by Darryl Anderson.

- New Radio approved since last meeting - Motorola APX 4000 “two-knob” portable radios
- Kenwood, Motorola, BK-Relm, EF Johnson, Harris - all current approved radio manufacturers on *MARCSIP* platform.
- Working now with Tait radios on becoming new vendor approved for *MARCSIP*.
- Will should update with new Tait radios for next Steering Committee meeting.
- Request for Steering Committee to approve changes and final approval to policy MPP-31dated 02/03/2015.
 - **ACTION ITEM.** Request for Steering Committee to approve changes and final approval to policy dated 02/03/2015.

MOTION	Carl Merckle made a motion to approve changes and final approval to policy MPP-31 dated 02/03/2015 for current radios to be utilized on <i>MARCSIP</i> 700/800 MHz platform. Seconded by Stockdale. Stu Davis called for a vote, the motion passed.
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Handout “H” – Demo LTE Pilot System.

Presented and reviewed by Stuart Johnson.

- *MARCSIP* Project equipment to include LTE Core, 4 eNodeB Transmitter sites, antenna and line, microwave connectivity and LTE devices.
- Sites have been identified in Greene County

- 6 month demo starting on or about 08/04/2015.
 - Start date dependent on STA approval from FirstNet/Commerce.
 - Stu Davis would like to see percent and success numbers.
 - Darryl Anderson planning meeting 4-23-15 if LTE Pilot System approval is accepted.
- **ACTION ITEM.** MSC approved LTE Pilot System.

5. MARCS In Schools-Update:

Presented and reviewed by Darryl Anderson.

Handout “P” - MARCS In Schools Information.

- Ongoing actions Butler & Lucas County.
- Motorola working on Butler County issue.
- Antenna connectivity ongoing issue.
- Motorola to come up with affordable solution.
- Grant funds still available, no deadline set.

6. Additional Customers/Tiering Update:

Presented and reviewed by Darryl Anderson.

- Captain Derrick Roy, Stark County S.O. spoke. Stark County very interested in partnering with MARCSIP in a Tier 2 relationship. Probably 1 year out.
- Coshocton County- Tier 2 Partnership. Working through legal parties.
- Dayton/Montgomery County- Tier 2 Partnership. 5000 + radios with a start date of July, 2016.
 - Chief Greg Stephens-Moving on schedule from 1 tower to 10 towers for 30 channel coverage.
- Cincinnati/Hamilton County- Tier 4 Partnership. Will be signing tomorrow.
- City of Columbus- Still pondering on becoming Tier 4 Partnership.
- Harrison County- Currently being considered by their Commissioners.
- Shelby County- Interested in migration on becoming Tier 2 Partnership.
- Miami County - Interested in migration on becoming Tier 4 Partnership.
- Medina County - has decided to build independent solution.
- Wayne County – Commissioners to potentially meet with MARCS in June.

7. Brief NPSBN Update:

Presented and reviewed by Kelly Castle.

Handout “J” – The OhioFirstNet

- .Various movement taking place.
- Reference library added 4/1/15.
- FAQs and Acronyms pages added 3/10/15.
- OFIP POC survey released 2/17/15.

- First Newsletter published 2/10/15.
- Next NSPBN meeting May 28, 2015, State EOC.
- Initial Consultation event set for Thursday, 6/11/15, OSHP Academy, 0830 – 1600.
 - **ACTION ITEM.** Stu Davis request to see comments with and extended date for comments by 5/28/15.

8. Standing Sub-Committee-Local Government Partners Input – Grove City Public Safety Director William Vedra II:

Handout “K” - Standing Sub-Committee-Local Government Partners Input.

- Director Vedra spoke on Non-State roaming fee concept.
- Stu Davis spoke on Regional user fees. Still working through numbers and Legislature.
- Marshal Flowers- Commerce \$3.0M grant funding update.

9. Rebanding Updates:

Presented and reviewed by Dick Miller.

Handout “L” - Sprint/Nextel Rebanding Update.

- Rebanding of radios in Ohio completed.
- Large number of agencies receiving “inconvenience” checks.
- Several State agencies submitted claims for reimbursement, awaiting payment.
- 500 packets for payments have been submitted to S/N to date.
- MARCS/RCC communicated deadline of April 15, 2015 to all agencies involved for return packages.
- MARCS/RCC closeout to begin after the 4/15/15 date.
- Original date of project began in December 2005 with projection close out date of June 2015.
 - **ACTION ITEM.** Stu Davis request documentation of reimbursement packages to move forward with April 15, 2015 closeout.

10. First Energy Interest in Becoming MARCS Subscriber Agency

Presented and reviewed by Darryl Anderson.

Handout “M” – First Energy-MARCS/IP Potential Partnership.

- First Energy interested in partnering on MARCS as Tier 1 subscriber.
- Representative from First Energy gave slide presentation.

- Three FirstEnergy utilities, (Ohio Edison, Toledo Edison, & Cleveland Electric Illuminating) will use up to 2,000 radios on the MARCS system.
- Annual fee (debt reduction fair-share) to be determined.
- MARCS/First Energy (FE) will file joint letter with FCC for waiver of certain rules to allow operation by FE on MARCS' 700 & 800 MHZ Public Safety frequencies.
- Need approval from Steering Committee to file FCC Joint Waiver.
- Darryl Anderson would like approval to continue partnership with FirstEnergy.
- Stu Davis will have to work out with Legal, will not approve at 4-7-15 MSC meeting but will continue to work on concept of partnership.
 - **ACTION ITEM.** Darryl Anderson to forward printout slides from FirstEnergy to Stu Davis from 4-7-15 MSC meeting.

11. Additional Site Development:

Presented and reviewed by Darryl Anderson.

Handout “N” - MARCSIP – Additional Site Development.

- **Preble County** – Should be operational by 4th of July weekend. Amendment needing signed. Motorola moved racks out of shelter in Oxford into the “New Paris” site.
- **Morrow County** - Shelter, antennas and lines now set. Morrow County Commissioners chipped in their money. Should be operational mid-June.
- **Ashtabula County** - Date set (6-19) to visit area and view potential sites. More coverage needed for ODNR and local public safety users.

12. Infrastructure Life Cycle-Budgetary Planning:

Presented and reviewed by Dick Miller.

Handout “O” -Infrastructure Life-Cycle-Budgetary Planning.

- HVAC Units- As replaced, New A/C units will be fitted with an economizer extending life expectancy of the unit and lowering operating costs.
- Tower needs- “New” towers now 10-16 years old, we need long-term schedule in place to review or maintain the tower infrastructure.
- Electrical Needs- Electrical infrastructure is aging and is in need of review/upgrades.
- Estimated \$5M-\$8M needs to be spent over next several years for minor capital Tower Services, Electric and HVAC.
- Will have more detailed estimated costs report at July MSC meeting.

13. Other Items.

- General Discussion from audience.
 - Chief Steve Robinette, Grove City P.D.-working on issues with OACP.
 - Paul Kindle, Warren County-Tier 4 partnership - Upgrade good, gained a lot of capabilities and satisfied with transition.
 - Jeff .Hussey, Granville Twp. F.D.-Licking County transition going well, working through billing.
 - Kenny Brooks, ODOT-Thanked MARCS for use of TOW. Will now be deploying to all districts.
 - Captain Matt Franke, Butler County S.O. –Tier 5 partnership upgrade completed. All is good.

14. Establishment of Next Meeting Date:

- Darryl Anderson requesting to establish next MARCS Steering Committee meeting with Stu Davis requesting mid- to late- July time frame.

Adjournment	Kevin Stockdale made a motion to adjourn the meeting. Seconded by Todd Clark. None opposed. Motion passed, the committee adjourned at 2:49 pm.
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