BERENDT

Radio Time Line of Events.	
Month	**Description of Events - 2007**
April	Discussions and meetings at school to develop profiles and channels. Goal is to train officers on new radio system.
May	Train officers off-duty. Time and 1/2. Radios only have 2 Profiles programmed.
	Cancel department-wide training scheduled for June because portables are not ready. Determined all radios need
	to go back to MA/COM for code/operating system installation. Meet with Sam Steffen and are given an
	August 30, 2007 date that radios will be ready, to go live. Reschdule department wide training for July/August.
June	Continue to develop and refine profiles. Incorporate suggestions from officer radio training.
July	July 16th. Pick up 22 hand held radios from shop. With antennas and some microphones. Obtain 4 battery chargers.
	July/Aug. Train entire department on radios. Bring three people from the field. Discover we have the wrong chargers.
	Train department on MABAS. Set a target date for September 7th.
Aug	Somehow we discover we have the wrong batteries. Secure correct batteries and chargers.
	Training ends on August 15th. Waiting for radios.
Sept	Meet with dipatch office on September 4th and September 10th to discuss roll out of new radio system procedures.
Sept	9/11/07 - Chief Jones speaks with Paul Crow, project manager for MA/COM. Conference call. Informed by Paul Crow
	radios will not be back until mid-October. Completely missing deadline.
	9/19/07 - Temp. Notice #241 is sent department wide, explains delays and missed target date.
	Department misses target date for implementation of MABAS. Division 107 is informed.
	9/21/07 - Radio meeting at MaCabe Hall. Chief Holton presides over meeting. See attachment for persons at the meeting.
	Mid to late November target date set for protable radios. Discussions on mobile radio installation. See notes. Waiting for
	radios to be returned from MA/COM. Code installation issues are sited as cause for delay.
	9/26/07 - Meeting at BIT. Chief Romas, Captain Berendt, Dan Schubring. Confrence call with John Royball - Itech - battery
	charger company. Setting up battery maintence program. Conference call with Ben Jones - MA/COM techincal assistance.
	Setting up battery maintence program. Informed by Ben that batteries and radios in our pocession are NOT intrinsically safe.
	9/27/07 - Chief Jones begins investigation.
	10/16/07 - Receive 300 leather cases, with belt loop swivel, and optional shoulder strap
	10/17/07 - Examine above shipment and determine that optional shoulder strap does not attach to leather radio case.
	10/18 — SPOKE: J.A. - WILL SENT NEW CASE. WILL EVALUATE. DECIDE ON PLAN. PRESENT
	CASES IN OUR POSSESSION DO NOT WORK. WILL RE-CONTACT 10/29 HPHC91K

JONES, MICHAEL

From: Anderson, James (Field) [andersoj@tycoelectronics.com]
Sent: Tuesday, October 16, 2007 12:06 PM
To: mike.jones@milfire.com
Subject: FW: GSP Speaker Mics

Here is the spec sheet on the gps mic.

Thanks,

James Anderson
Area Sales Manager
M/A-COM
N9010 Ridge Lane
Watertown WI 53094
Office 920-206-1210
Mobile 414-403-5932

From: Grunert, Dave
Sent: Tuesday, September 25, 2007 1:52 PM
To: Anderson, James (Field); Casler, John
Cc: Lane, Burel; Backstrom, Stefan
Subject: RE: GSP Speaker Mics

Jim,

Here is the data sheet. The speaker/mic meets wind driven rain; not immersion. Note that this is currently supported only on the P7100 and only in EDACS systems with data. Let me know if you have questions.

Dave

<<ECR-7473.pdf>>

From: Anderson, James (Field)
Sent: Tuesday, September 25, 2007 11:22 AM
To: Casler, John; Grunert, Dave
Cc: Lane, Burel
Subject: GSP Speaker Mics

Please provide me with information on the GSP speaker/mics. This is for the City of Milwaukee Police and Fire. The Fire Dept wants to know if there is a water proof option. Can you please provide spec sheet and pricing.

Thank you,

Jim

James T Anderson
Area Sales Manager
M/A-COM Inc
N9010 Ridge Lane
Watertown WI 53094
(920)206-1210 Telephone
(414) 403-5932 Mobile
andersoj@tycoelectronics.com

GPS Speaker Microphone

The Global Positioning System (GPS) Speaker Microphone

- Integrates a GPS antenna and receiver into one unit
- Provides communication to the P7100^{IP} and P5100 Portables
- Functions in harsh environments

Efficient Design
Designed to fit a range of user applications, the GPS Speaker Microphone provides voice communications and enables GPS data to the radio. The efficient layout of controls makes the speaker mic easy to use. It includes an emergency button, earphone jack, and a rubber PTT. A clothing clip that rotates a full 360 degrees provides complete accessibility.

Versatile Features
The GPS Speaker Microphone offers a variety of features to meet the needs of a range of users.

- Direct connection to the P7100^{IP} and P5100 UDC interface*
- Integrated GPS Antenna
- Advanced 12-channel parallel receiver
- Low power consumption
- No GPS user controls – all GPS functions are controlled by the radio
- ROHS compliant

Durable Construction
Durable construction enables the GPS Speaker Microphone to function in harsh environmental conditions. The unit meets MIL-STD-810E specifications for rain, salt fog, humidity, sand and dust, solar radiation, altitude, temperature, vibration, and shock.

For More Information
For more information about this or any other M/A-COM product from Tyco Electronics Wireless Network Solutions, call toll free in the U.S. or Canada 800-368-3277. From outside the U.S. call +1-434-455-9223 (Asia Pacific), +1-434-455-9229 (Latin America, Middle East, and Africa), and +1-434-455-9219 (Europe).

*GPS functionality is only supported in Enhanced Digital Access Communications Systems (EDACS®) with data capability.

Tyco Electronics
Our commitment. Your advantage.

General Specifications

Approximate Weight (oz):
7.5

Operating Temperature Range:
-22 to +146°F
(-30 to +60°C)

Cable:
38-inch extended coil cord, shielded

Cable Pull (lb):
40

Cable Flex (cycles):
25,000

PTT Operations:
1 million nominal

Clothing Clip:
Rotates 360° with positive detents every 45°

Microphone Specifications

Type:
Electret Condenser

Typical Sensitivity (dBV):
-62

Frequency Range (Hz):
300 to 3000

Speaker Specifications

Type:
40 mm dynamic

Sound Pressure Level:
95 dB minimum

Frequency Range (Hz):
300 to 3000

Impedance:
Matched to Radio

Power Handling (W):
1.0

M/A-COM, Inc., P. O. Box 2000, Lynchburg, Virginia 24501, Phone: 800-368-3277
ECR-7473B EDACS is a registered trademark of M/A-COM, Inc.

09/07 Printed in U.S.A.

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