

**JOINT MEETING OF THE INTEROPERABILITY NETWORK OF THE SOUTH BAY
JOINT POWERS AUTHORITY TECHNICAL AND OPERATIONS COMMITTEES
TUESDAY, APRIL 12, 2022, 10:00 AM
CONDUCTED VIA TELECONFERENCE**

LINK:

<https://us02web.zoom.us/j/89272750145?pwd=anNwdFF3SVp2MWloTkF3NGd1MXhNUT09>

Meeting ID: 892 7275 0145

Passcode: 243029

1. CALL TO ORDER

2. ROLL CALL - OPERATIONS COMMITTEE

- El Segundo
- Gardena
- Hawthorne
- Hermosa Beach
- Manhattan Beach
- Redondo Beach
- Torrance

3. ROLL CALL - TECHNICAL COMMITTEE

- El Segundo
- Gardena
- Hawthorne
- Hermosa Beach
- Manhattan Beach
- Redondo Beach
- Torrance

4. PUBLIC COMMENT

In the interest of maintaining appropriate social distancing, members of the INSB and staff will participate in this meeting via teleconference. The Authority encourages the public to participate by using one of the following options for public comments:

- Email your public comment to schedule@rcc911.org by 7:30 AM, the day of the meeting and have your comment available to INSB and the public.
- Call (310) 973-1802 ext.100 and leave a message by 7:30 AM, the day of the meeting.

5. APPROVAL OF MINUTES

- a. Approval of Operations Committee Minutes – January 11, 2022
- b. Approval of Technical Committee Minutes – February 8, 2022

6. GENERAL BUSINESS FOR OPERATIONS COMMITTEE

- a. Discuss/Awareness of Senate Bill 1000
- b. ICI Systems/INSB interoperability, lessons learned from Super Bowl
- c. Fire reprogramming channels update and possible need for 'Access Reverse E-trigger'
- d. 2022 TICP

7. GENERAL BUSINESS FOR TECHNICAL COMMITTEE

- a. Discuss/Awareness of Senate Bill 1000
- b. MHB site/relocation discussion

- c. INSB grant project ideas
- d. Discuss MHB PW Request for Expansion to 6 Talkgroups
- e. INSB Baldwin Hills Firewalls
- f. ICI-S Technical Update
- g. Technical Issues

8. COMMENTS FROM OPERATIONS COMMITTEE MEMBERS

9. COMMENTS FROM TECHNICAL COMMITTEE MEMBERS

10. COMMENTS FROM STAFF

11. ADJOURNMENT

5a

**MINUTES JOINT MEETING OF THE
INTEROPERABILITY NETWORK OF THE SOUTH BAY
JOINT POWERS AUTHORITY TECHNICAL AND OPERATIONS COMMITTEES**

JANUARY 11, 2022

1. CALL TO ORDER

The Interoperability Network of the South Bay (INSB) Operations and Technical Committees convened in a joint meeting at 10:02AM on Tuesday, January 11, 2022 by teleconference.

2. ROLL CALL - OPERATIONS COMMITTEE

Present: Captain Hugo Perez, El Segundo Police Department
Captain Ryan Allee, El Segundo Fire Department
Captain Gary Tomatani, Hawthorne Police Department
Captain Nick Facer, Torrance Fire Department
Officer Matt Slawson, Torrance Police Department
Sergeant Justin Korte, Redondo Beach Police Department
Detective J.R. Smith, Hermosa Beach Police Department
Lieutenant Andy Harrod, Manhattan Beach Police Department

Absent: City of Gardena

3. ROLL CALL - TECHNICAL COMMITTEE

Present: Dennis Faro, City of Torrance
Josh Armstrong, City of Hawthorne
Captain Gary Tomatani, Hawthorne Police Department
Captain Ryan Allee, El Segundo Fire Department
Detective J.R. Smith, Hermosa Beach Police Department
Lieutenant Andy Harrod, Manhattan Beach Police Department
CFO Ray Beeman, City of Gardena

Also Present: Executive Director Ernest Gallo, City of Torrance
Jeff Fukasawa, Comcline
John Malin, BearCom
Fire Chief Mike Druschel, Chevron
Battalion Chief Leroy Diekmann, Chevron
Gordon Arnold
Battalion Chief Evan Siefke, El Segundo Fire Department
Nathan Rukasin, Culver City Fire Department
Joe Dalguntas, City of Torrance
Detective J.R. Smith, Hermosa Beach Police Department
Executive Director Ross Klun
Battalion Chief David Shenbaum Manhattan Beach Fire Department

4. PUBLIC COMMENT

None.

5. APPROVAL OF MINUTES

- a. Approval of Operations Committee Minutes – October 12, 2021
Motion: Captain Facer moved to approve the Operations Committee minutes from October 12, 2021. The motion was seconded by Lt. Harrod and passed by voice vote.
- b. Approval of Technical Committee Minutes – October 12, 2021
Motion: Mr. Armstrong moved to approve the Technical Committee minutes from October 12, 2021. The motion was seconded by Mr. Beeman and passed by voice vote.

6. GENERAL BUSINESS FOR OPERATIONS COMMITTEE

- a. LA-RICS Interoperability
Officer Slawson shared information on radio operations at SoFi Stadium.
- b. Motorola Wave Application
The application on a smart device allows connection to the talk groups. Per subscriber, there was a fee of \$468 per subscriber per year for 3 years in 2021.
- c. PVEPD - Affiliate Request
There was no official request from PVEPD and the Operations Committee will wait until then.
- d. ECC PD-Subscriber Request
Intention to fulfill request but on hold right now since the funding is not ready to move forward.
- e. Unified Fire Communication Plan Trial
Area G meeting discussion will need to include details on access reverse e-trigger feature.

7. GENERAL BUSINESS FOR TECHNICAL COMMITTEE

- a. LA-RICS Interoperability
Discussed in 6a.
- b. INSB Baldwin Hills Firewalls
No update from the vendors.
- c. MHB site/relocation
Subcommittee met in November and contacted Manhattan Beach Public Works. INSB would be allowed to return to the original water tower as a viable option. Chair Faro is working on budget for the different sites and will work on a presentation of the different options to bring back to the committee. Executive Director Gallo reported the financial advantage to return to the water tower site. February 15, 2022 is the next board meeting.
- d. ICI-S Technical Update
ICI Governance voted for a six year contract with Motorola for upgrade, maintenance, and service agreement. AVTEC consoles are not included.
- e. Technical Issues
Chair Faro reported Channel 7 went down on prime site but is back up.

8. COMMENTS FROM OPERATIONS COMMITTEE MEMBERS

9. COMMENTS FROM TECHNICAL COMMITTEE MEMBERS

Mr. Armstrong reported on the two existing firewalls that were purchased at separate times which created different warranty and service expiration dates. Due this year, one firewall is set to expire on April 4, 2022, and the second will expire on August 6, 2022. The cost for three years is about \$7000. Executive Director Gallo requested that the invoices should be addressed to INSB. Next meeting should add this item of recurring maintenance to the next agenda for Technical committee. Executive Director Gallo authorized the payment for the two firewalls.

10. COMMENTS FROM STAFF

SCHIMO is a contracted member and would like to see attendance from Fire Operations Committee members.

11. ADJOURNMENT

The meeting adjourned 10:36AM.

5b

**MEETING OF THE INTEROPERABILITY NETWORK OF THE SOUTH BAY
JOINT POWERS AUTHORITY TECHNICAL COMMITTEE**

1. CALL TO ORDER

The Interoperability Network of the South Bay (INSB) Technical Committee convened in a joint meeting at 10:02AM on Tuesday, February 8, 2022, by teleconference.

2. ROLL CALL - TECHNICAL COMMITTEE

Present: Dennis Faro, City of Torrance
Lieutenant Andy Harrod, Manhattan Beach Police Department
Captain Ryan Allee, El Segundo Fire Department
Lieutenant David Brock, Gardena Police Department
Captain Gary Tomatani, Hawthorne Police Department
Josh Armstrong, Hawthorne Police Department

Absent: City of Hermosa Beach
City of Redondo Beach

Also Present: Gordon Arnold, City of Glendale
Executive Director Ernest Gallo, City of Torrance
Jeff Fukasawa, Commline
John Krok, Administrative Services Manager
Victor Bowers, Commline

3. PUBLIC COMMENT

None.

4. APPROVAL OF MINUTES

a. Approval of Technical Committee Minutes – January 11, 2022

Motion: Captain Allee moved to approve the minutes from January 11, 2022. The motion was seconded by Lt. Brock and passed by voice vote.

5. GENERAL BUSINESS FOR TECHNICAL COMMITTEE

- a. INSB Baldwin Hills Firewalls
Mr. Bowers updated the committee about Motorola and now will coordinate with Mr. Armstrong.
- b. MHB site/relocation
Chair Faro was waiting on the budgetary proposal and will prepare for the April meeting.
- c. ICI-S Technical Update
No update as they plan to meet this Thursday.
- e. Technical Issues
None to report as of yet. El Segundo reported no issues as well.

6. COMMENTS FROM TECHNICAL COMMITTEE MEMBERS

SCHIMO reach out to Mr. Bowers regarding the talk groups. Mr. Fukasawa followed up on the MOU with fire for the talk groups.

7. COMMENTS FROM STAFF

Administrative Services Manager Krok wanted to discuss operations for the upcoming Super Bowl between LA- RICS and INSB. The committee discussed having preset patch established between ICI and LA-RICS. Mr. Arnold confirmed that the patch exists.

8. ADJOURNMENT

The meeting adjourned at 10:18AM.

7b

Manhattan Beach Sub Site Installation/Relocation

Summary of Options

Order	Solution	Description	Pros/Cons	Costs
1	MB Water Tank	Re-install antennas and cabling on tank structure. Reinstall radios in existing shelter. Restore microwave links.	RF coverage same as original install. FCC licensing unchanged. Reinstallation approved by MHB Public Works staff. No Coastal Commission review required. Quickest timeline. (4-6 weeks) System certification exactly as originally designed by Motorola Will not improve in-building coverage in MB, HB, etc.	\$100,000 - \$175,000 Recommended
2	MB PD/FD Building	Remodel/update existing equipment room and tower. Install new	RF indoor coverage changes possibly improves in-building coverage for coastal areas near location only. Modify FCC license. (2-6 mo.) Moderate timeline (6-12 mo.) System certification different that originally designed by Motorola Antenna installation will require public review and approval. (possible denial)	\$400,000 - \$600,000 Not Recommended
3	Grandview	Remodel/update new site with 100-200 foot tower. Construct equipment shelter and utilities.	Will require SHGP grant site EHP review. (2-3 mo.) May trigger Coastal Commission review. (possible denial) No enhancement to outdoor coverage RF indoor coverage changes possibly improves in-building coverage for coastal areas near location only. Modify FCC license. (2-6 mo.) Moderate timeline (6-12 mo.) System certification different that originally designed by Motorola Antenna installation will require public review and approval. (possible denial)	\$400,000 - \$800,000 Not Recommended
4	LA County Life Guard	Remodel/update new site with 100-200 foot tower. Construct equipment shelter and utilities.	No enhancement to outdoor coverage No network connectivity to INSB microwave ring network, will require fiber optic backhaul (\$20k-25k/yr.) System certification different that originally designed by Motorola Occupancy may require tenancy agreement and rental fees (6-12 mo.; annual fees unknown) Facility co-located at Bruce's Beach property which may be sold at any time or be unavailable for use. Will require FCC license modification (2-6 mo.) Long timeline (12+ mo.) Will require SHGP grant site EHP review. (2-3 mo.) May trigger Coastal Commission review? (possible denial)	\$400,000 - \$800,000 Not Recommended

Conclusion

The proposal from the Technical Committee for installing and full re-optimization of the Manhattan Beach sub site into the INSB communications system would be best served re-establishing the Manhattan Beach sub site at the Manhattan Beach Water Tower. Research has shown all new proposed sites provide no enhancement in outdoor coverage in comparison to the Manhattan Beach Water Tower. In addition, factors such as cost, Environmental & Historic Preservation approvals, and FCC licensing all pose significant hurdles that may not guarantee relocation to specified site. Furthermore, support of any new site would require broadband microwave or fiber backbone not indicated in the coverage maps which require further evaluation of INSB ring connectivity to sub site. Several identified areas of poor coverage are in-building or underground locations. Motorola designed INSB system is not required to provide in-building coverage. Supplemental coverage for these specific locations, a bi-directional amplifier (BDA) may prove to be a more economical and effective solution as opposed to relocating the sub site.