

No Noise Task Force Radio System Manager Roundtable Session Thursday, March 4, 2021



Safer Buildings Coalition Issues "No Noise" Call to Action and Position Paper





A
G
E
N
D
A

- **AGENDA**

1. Welcome

- a. Alan Perdue

- b. Michelle Geddes

2. High-level Task Force Status [brief]

3. Facilitated Roundtable Discussion: Survey Responses

4. Recap and Next Steps

5. Adjourn

For the Task Force Leadership:

- Alan Perdue, Executive Director, SBC – Task Force Chair
- Michele Geddes, CIO of San Francisco Emergency Management Department – Task Force Steering Committee Member
- John Foley – Managing Director, SBC – Task Force Steering Committee Member
- Charlie Fleetham – Project Innovations – Complex Project Facilitation Specialist

Name	Title	Organization
Gary Gray	Radio Systems Manager	City Of Fort Lauderdale
Steven Hall	Radio System Analyst	Collier County Gov
Nathaniel Hinkle	Telecommunications Systems Supervisor	County of Sacramento
Steve Hronek	Deputy CIO, City of Glendale (ret.)	Comsec Associates, Inc.
Ed Kerr	Fire Communications	City of Los Angeles / LAFD
John Ruggiero	Engineer	Massachusetts State Police
Chris Smith	Electronic Communications Specialist	King County Radio Communications Service
Creighton Watley	DAS Coordinator	PSERN - King County IT
Steve Jordan	Communications Manager	Sacramento Metropolitan Fire Dist.
Brian LaFlure	Director	Warren County OES

Welcome Remarks: Chief Alan Perdue



Who Is SBC? 501(c)4 Non Profit

- 179 Active Member Organizations
- 687 Active Individual Members
- 32 Public Safety organizations and 214 Public Safety Professionals
- 4,400+ Subscribers
- Major Stages - IWCE, WIA
- Webinars, Social Media, Speaking Panels
- 18 Industry Association Partners

Mission:

Eliminate In-Building Wireless Dead Zones for First Responders and the Public

Three Pillars of In-Building Public Safety Communications:

- ✓ *Mobile 911 Calls Must Get Out with Location Accuracy*
- ✓ *Mobile Mass Notifications Must Get In*
- ✓ *First Responder Communications Must Work*

The Safer Buildings Coalition is a 501(c)4 non-profit Association



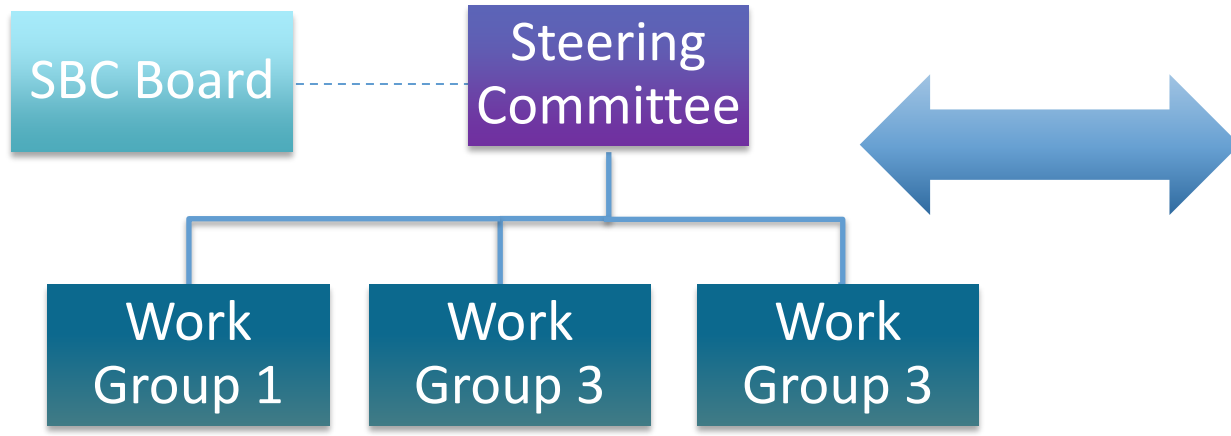
Key Objectives of this Task Force:

- Combat RF interference (Noise!) caused by *improperly deployed in-building Signal Boosters*.
- Affirm and reinforce the essential role of Frequency License Holders in the deployment of Signal Boosters.
- Affirm the essential need for reliable wireless coverage inside buildings for both First Responders and the public, and to reinforce the essential role of consistent codes and standards interpretation and enforcement in achieving that goal.

Desired Outcomes:

- Evaluate, refine, and affirm the 18(?) Principles for safe and effective in-building communications.
- Emerge with actionable recommendations, processes, standards, or other guidance that will lead and assist all stakeholders toward an ideal public safety communications environment.

Mission



Currently 70+ Volunteers



No-Noise Task Force Steering Committee



• [Chief Alan Perdue \[Chair\]](#) – Executive Director, Safer Buildings Coalition



• [Chief Michael O'Brian](#) - Director, Fire & Life Safety Section for the IAFC, and Fire Chief with Brighton Area Fire Authority (MI)



• [Andy Seybold](#) – Noted thought leader in the public safety comms space.



• [Michelle Geddes](#) - Chief Information Officer at City of San Francisco Department of Emergency Management



• [Michael Baltrotsky](#) - Assistant Chief, Technology Section Chief at Montgomery County (MD) Fire & Rescue Service



• [Don Root](#) – NPSTC Spectrum Management Committee Chair



• [Mark Crosby](#) - President/CEO at Enterprise Wireless Alliance



• [Tom Presnak](#) – Underwriters Laboratory



• [Kenny Blakeslee](#) – President & CEO Pulse / Apex



• [John Foley](#) – Managing Director, Safer Buildings Coalition



FCC Designees:

- **Enforcement Bureau:** Axel Rodriguez
- **Public Safety and Homeland Security Bureau:** Brian Marenco
- **Office of Engineering and Technology:** Brian Butler
- **Wireless Telecommunications Bureau:** Moslem Sawez
- **Executive Bureau-Level:** David Furth & Michael Wilhelm

Tell Us What
You're
Thinking?



7

Total Responses

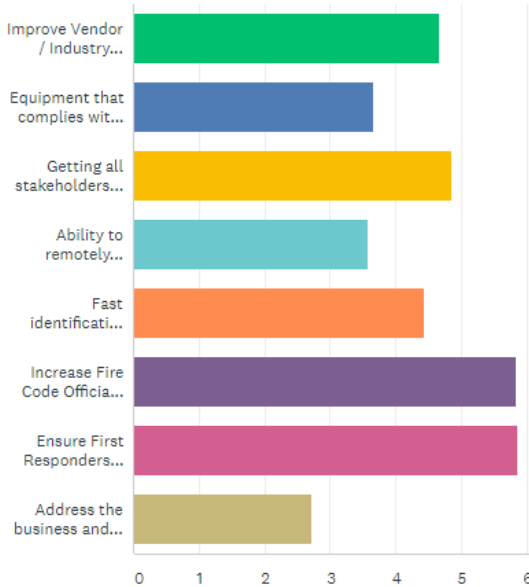
Date Created: Wednesday, March 03, 2021

Complete Responses: 7

Survey Results

Please Rank the Following in terms of highest to lowest priority issues to address

Answered: 7 Skipped: 0



Topic	AVG	#1 Votes	#2 Votes	#3 Votes	Top 3 Weighted 1=3pts, 2=2pts, 3=1pt
Ensure First Responders Radios work inside buildings and structures	5.86	3	1	0	11
Getting all stakeholders on the same page	4.86	2	1	0	8
Increase Fire Code Official / AHJ knowledge of FCC Rules	5.83	0	3	1	7
Fast identification of interfering BDAs	4.43	1	0	2	5
Improve Vendor / Industry Competency	4.67	0	1	1	3
Ability to remotely monitor and shut off BDAs	3.57	0	1	1	3
Equipment that complies with FCC Rules	3.67	0	0	1	1
Address the business and financial impacts BDAs are having on radio system operators	2.71	0	0	0	0

Q2

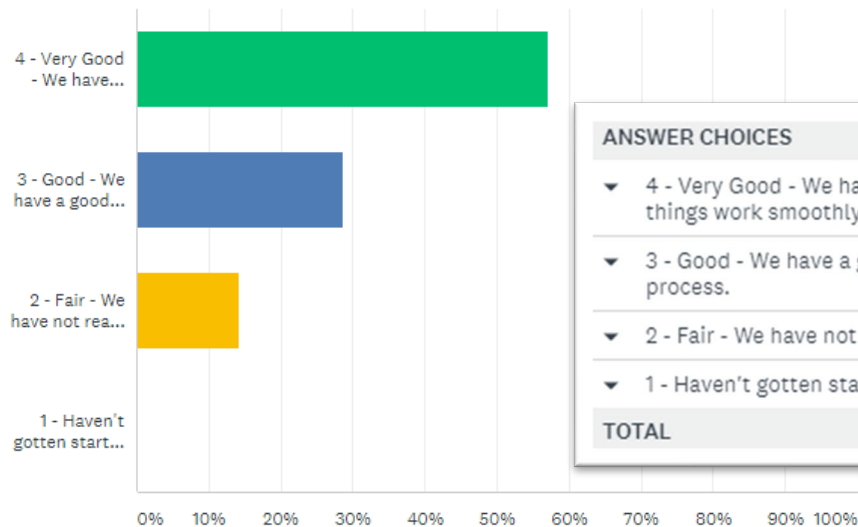


Customize

Save as ▾

How would you rate your relationships with code officials in your jurisdiction

Answered: 7 Skipped: 0



ANSWER CHOICES

▼ 4 - Very Good - We have worked out good collaborative processes that makes things work smoothly.

RESPONSES

57.14% 4

▼ 3 - Good - We have a good relationship but still have some work to do on process.

28.57% 2

▼ 2 - Fair - We have not really collaborated on in-building coverage

14.29% 1

▼ 1 - Haven't gotten started yet

0.00% 0

TOTAL

7

Q3

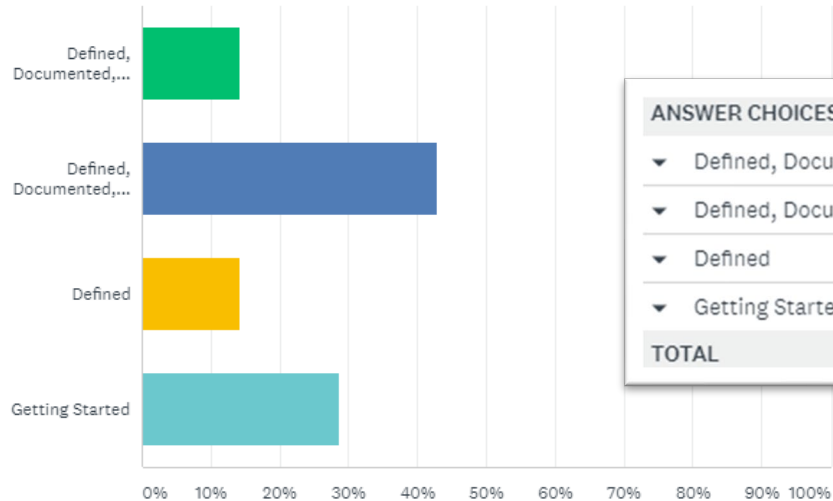


Customize

Save as ▾

How well are your local RF requirements defined, documented, and readily available?

Answered: 7 Skipped: 0



ANSWER CHOICES	RESPONSES
▾ Defined, Documented, Available online	14.29% 1
▾ Defined, Documented, Available upon request	42.86% 3
▾ Defined	14.29% 1
▾ Getting Started	28.57% 2
TOTAL	7

What concerns do you have about buildings that lack public safety coverage?

- Primarily for law enforcement. A lone officer holding an uncooperative suspect at gunpoint, and who can't call for help. This is what keeps me up at night.
- First Responder Safety
- I am very concerned about buildings that lack public safety coverage. Unfortunately, the frequency license holder is the last to know if ever informed of an ERRCS solution being deployed in Sacramento County. We need all stake holders on the same page and that involves the frequency license holder being contacted from the very start of the ERRCS process and overseeing the entire process that involves the radio frequency usage.
- I am concerned that if they implement a DAS in the future that it is done poorly.
- BDAs are being treated as the silver bullet to correct radio issues within buildings. Simulcast systems - large and small - analog and digital - often have a bad reaction to artifacts from communications equipment that is not integrated into that system.
- We should prioritize which ones need to be addressed first.

1. Next Steps / Action Items
2. Next Call?

