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MINUTES

Technical Committee on Fixed Guideway Transit and Passenger Rail Systems (FKT-AAA) NFPA 130 First Draft Meeting (A2025)

October 10-12, 2023
8:00 am – 5:00 pm (Central Daylight Time)

In-person Hybrid via Microsoft Teams
The Westin Dallas Park Central
12720 Merit Drive
Dallas, TX 75251

October 10th, 2023

1. **Call to order.** Jarrod Alston , chair, called the meeting to order at 08:10 am CDT on October 10th 2023.
2. **Introductions.** Attendees introduced themselves and identified their affiliation and NFPA staff took attendance.
3. **Chair report.** Jarrod Alston welcomed attendees and provided an overview of the meeting.
4. **Staff liaison report.** Steve Kaitharath provided an overview of the standards development process and the revision cycle schedule.
5. **Previous meeting minutes.** The minutes from September/October 2021 Web/Teleconference Meeting were approved without revision.
6. **NFPA 130 First Draft.**
 - a. **Review of Public Inputs.** The Technical Committee reviewed the Public Inputs and developed First Revisions and Committee Inputs as necessary. These will be available in the First Draft Report at www.nfpa.org/130.
 - b. **Task group report(s).** The following task groups provided their reports and recommendations.
 - i. **Chapter 5 - Stations.** Andrew Coles. The task group provided a report. The task group has been discharged with thanks.
7. **Recess.** The meeting was recessed at 5:24pm CDT on October 10th, 2023.

October 11th, 2023

1. **Call to order.** Jarrod Alston , chair, called the meeting to order at 08:19 am CDT on October 11th 2023.
2. **NFPA 130 First Draft.**
 - a. **Review of Public Inputs.** The Technical Committee reviewed the Public Inputs and developed First Revisions and Committee Inputs as necessary. These will be available in the First Draft Report at www.nfpa.org/130.
 - b. **Task group report(s).** The following task groups provided their reports and recommendations.
 - i. **Chapter 5 - Stations.** Andrew Coles. The task group provided a report. The task group has been discharged with thanks.
 - ii. **Chapter 6 - Tunnels.** Hassan Ford. The task group provided a report. The task group has been discharged with thanks.
 - iii. **Chapter 8 - Vehicles.** Kevin Lewis. The task group provided a report. The task group has been discharged with thanks.
 - iv. **New Annex – Alterations to Existing Stations.** Matthew W. Davy. The task group provided a report. The task group has been discharged with thanks.
 - v. **New Annex – Ancillary Areas of Stations.** Matthew W. Davy. The task group provided a report. The task group has been discharged with thanks.
 - c. **Presentation(s).** The committee heard presentations from the following individuals.
 - i. **Inclusion of Structural Members in Test Sample for floor and superstructure – PI-110.** Christian Rippe, Anil Kapahi, Brian Lattimer. (Presentation attached).
3. **Recess.** The meeting was recessed at 6:24pm CDT on October 11th, 2023.

October 12th, 2023

1. **Call to order.** Jarrod Alston , chair, called the meeting to order at 08:02 am CDT on October 12th 2023.
2. **NFPA 130 First Draft.**
 - a. **Review of Public Inputs.** The Technical Committee reviewed the Public Inputs and developed First Revisions and Committee Inputs as necessary. These will be available in the First Draft Report at www.nfpa.org/130.
 - b. **Task group report(s).** The following task groups provided their reports and recommendations.
 - i. **Chapter 7 - Ventilations.** Andrew Louie. The task group provided a report. The task group has been discharged with thanks.

- ii. **Chapter 12 – Wires and Cables.** Maria Marks. The task group provided a report. The task group has been discharged with thanks.
- c. **New task groups.** The following task groups were appointed to work subsequent to the meeting:
 - i. **Disability Requirements.** TG Chair: Dan Nichols. Members: Andrew Coles, Jim Convery, Nick Harris, Gary English, Harold Locke, Eric Chayer. Scope: Review the need for Disability Access requirements within NFPA 130.
 - ii. **Passenger rail and Light Rail Transit Systems - New Annex.** TG Chair: Katherine Fagerlund. Members: Harold Locke, Jim Convery, Howard Cohen, Dan Nichols. Scope: To develop text to clarify requirements associated with passenger rail and light rail transit systems.
 - iii. **Standpipes in existing stations.** TG Chair: Andrew Coles. Members: Ian Ong, Ken Bush, Bill Ventura, Tom Eng, Katherine Fagerlund, Jarrod Alston, Peter Senez. Scope: Review requirement for standpipes in existing stations.
 - iv. **Alterations and Additions to existing stations - New Annex.** TG Chair: Matt Davy. Members: David Plotkin, Bill Koffel, Jarrod Alston, Andrew Coles, Alex Marciano, Maria Marks, James Convery, Gabriel Senechal, Howard Cohen. Scope: To reexamine PI-51 (Alteration and Additions to Existing Stations) to address copyright issues, specific edition reference issues, potential utilizing NFPA 101 and NFPA 5000 for building rehabilitation, and the need for guidance on developing a proportional method..
 - v. **Firefighter Breathing Air Respirator System (FARS).** TG Chair: Zachary Magnone (Existing Task Group Chair for NFPA 502 Task Group). Members: Jarrod Alston, Dan Nichols. Scope: Join existing NFPA 502 FARS. Will review the need for a Firefighters Breathing Air Respirator System (FARS) and what the minimum requirement would be if such a system were installed in the tunnel .
 - vi. **Design requirements to unhindered emergency response.** TG Chair: Robert Till. Members: TBD. Scope: Review requirements that would ensure emergency responders are not unnecessarily hindered by design, construction and operations..
 - vii. **Reorganize Chapter 7 (Ventilation Systems).** TG Chair: Andrew Louie. Members: David Hahm, Jim Convery, Gabriel Senechal. Scope: Organize and group the requirements for ventilation system and its components.
 - viii. **Fan inlet temperature.** TG Chair: Andrew Louie. Members: David Plotkin, Melissa Duckham, David Hahm. Scope: Review the requirement of the fan inlet temperatures when directly exposed to a design fire with a potential for fan failure.
- 3. **Future meetings.** The next committee meeting will be September/October. A meeting notification will be posted at www.nfpa.org/130next when the meeting is scheduled.
- 4. **Adjournment.** The meeting was adjourned at 3:49 pm CDT on October 12th 2023.

Attendees

Committee Members:

✓	Jarrold Alston	Chair	Arup
✓	Andrew R. Coles	Principal	Senez Consulting Ltd.
✓	Bernard J. Kennedy, IV	Principal	US Department of Transportation
	David J. Volk	Principal	Port Authority Trans Hudson
	Dilip S. Shah	Principal	Amentum/AECOM Technical Services, Inc.
✓	Eric Chayer	Principal	Societe de Transport de Montreal (STM)
✓	Gabriel Senechal	Principal	Cerco Cable
✓	Harold A. Locke	Principal	Locke & Locke Inc.
✓	James J. Convery	Principal	Amtrak
✓	Jason Eng	Principal	Bay Area Rapid Transit District (BART)
✓	John Powell White	Principal	Fire Cause Analysis
✓	Katherine Fagerlund	Principal	EKF Consulting
✓	Kenneth E. Bush	Principal	Maryland State Fire Marshals Office
✓	Kevin M. Lewis	Principal	Alstom/Bombardier Transportation
✓	Marcelo M. Hirschler	Principal	GBH International
	Max Lakkonen	Principal	Institute for Applied Fire Safety Research
✓	Nicholas Harris	Principal	Hatch
✓	Richard M. Arvin	Principal	Annapolis Fire & Life Safety Engineering
✓	Robert C. Till	Principal	John Jay College of Criminal Justice
	Robert W. Falvey	Principal	Lea+Elliott, Inc.
✓	Scott W. McAleese	Principal	Chicago Transit Authority
✓	Silas K. Li	Principal	WSP/Parsons Brinckerhoff, Inc.
✓	Thomas Eng	Principal	Los Angeles County Metro Transportation Authority
✓	William E. Koffel	Principal	Koffel Associates, Inc.
	William H. Lampkin	Principal	Greenheck Fan Corporation
✓	William Ventura	Principal	Fire Department City of New York (FDNY)
✓	Zoran Radojevic	Principal	Toronto Transit Commission

✓	Daniel E. Nichols	Voting Alternate	State of New York Metropolitan Transportation Authority
✓	Nequan Isaac	Voting Alternate	New York City Transit Authority
✓	Aaron R. Hester	Alternate	Lea+Elliott, Inc.
✓	Andrew Louie	Alternate	WSP USA
	Arthur Olivier Boidin	Alternate	Societe de Transport de Montreal (STM)
✓	Benjamin Spears	Alternate	Hatch
✓	Bradley Zundel	Alternate	Amentum/AECOM Technical Services, Inc.
	Bruce Dandie	Alternate	RRT PTY LTD
✓	Gary L. English	Alternate	Underground Command And Safety
✓	Hassan A. Ford	Alternate	Amtrak
✓	Maria B. Marks	Alternate	Siemens Industry, Inc.
✓	Matthew W. Davy	Alternate	Arup
✓	Muriel Villalta	Alternate	Alstom/Bombardier Transportation
✓	Neil E. Nott	Alternate	Washington Metropolitan Area Transit Authority (WMATA)
	Peter L. Senez	Alternate	Senez Consulting Ltd.
	Steve Virostek	Alternate	Fire Cause Analysis
✓	Thomas Alan Langer	Alternate	Los Angeles County Metro Transportation Authority (LACMTA)
✓	Willard Lam	Alternate	Bay Area Rapid Transit District (Bart)
	Edward K. Farrelly	Member Emeritus	E. Farrelly & Associates
	Frank J. Cihak	Member Emeritus	FJC Transit Consultants
	Harold L. Levitt	Member Emeritus	Self Employed
	Arnold Dix	Nonvoting Member	School Medicine, UWS
✓	Chad Duffy	Staff Liaison	NFPA
✓	Steve Kaitharath	Staff Liaison	NFPA

Guests:

Check Kam	Federal Railroad Administration
Melissa Shurland	Federal Railroad Administration
Puneet Sharma	Jensen Hughes
David Plotkin	AECOM

Melissa Duckham	Matchbox
Anil Kapahi	Jensen Hughes
Christian Rippe	Jensen Hughes
Brian Lattimer	Virginia Tech
Adrian Milford	Arcadis
Rick Arvin	Annapolis Fire & Life Safety
Kay Koopman-Glass	LA Metro
Ian Ong	Mott Macdonald
Alex Marciano	Marmon IEI
David Hahm	Mott Macdonald
Stefania Fiedler	Hatch
Jonathan Redding	Fogtec
Amir Golpaygan	Hatch
Toby Sargant	Mott MacDonald
Natasha De Los Rios	Mott MacDonald
Patrick Bakaj	NFPA
Christopher Clement	NYCT
Tom Goss	NFPA
Dan Gallagher	LIRR
Matt Pelosos	MNR
Howard Cohen	AECOM
Gil Shoshani	Marmon IEI
Aaron Hester	Lea+Elliott
Jim Notarfrancesco	Marmon IEI
Darryll Bolden	LA Metro

Total number in attendance: 67