



INSULATED CONDUCTORS COMMITTEE

Established 1947

Spring 2017 Meeting, San Diego, CA

FINAL AGENDA – 18-Apr-2017

Administrative Activities

SATURDAY, 6-MAY-2017 (06.05.2017)			
TIME	ACTIVITY	CHAIRS	ROOM
12:00 PM – 2:00 PM	Pre-Con Meeting with Hotel (Frentzas, Bascom, Geene, Champion, Arnold, Hiivala, Hotel)	Frentzas / Bascom	Palm I
2:00 PM – 5:00 PM	ExCom¹ Meeting - Executive Session (Frentzas, Bascom, Geene, Champion, Arnold, Hiivala)	Frentzas / Bascom	Cabrillo
SUNDAY, 7-MAY- 2017 (07.05.2017)			
9:00 AM – 11:00AM	Treasurer's Meeting - (Bascom, Geene, Champion, Arnold)	Bascom	Crown Point
12:00 PM – 3:45PM	AdCom² Opening Meeting - (Frentzas, Bascom, Geene, Champion, Arnold, Hiivala, Wen, Richardson, Szyszko, Campbell, Mueller, Martinez, Maldonado, Cherukupalli, Tirinzoni, Petzold, Gulski, Mosier, Jajack, Merando, Clark, Madden, Giotis, von Herrmann, Carson, Orton, Boone, Thompson, Wentzel, Smith)	Frentzas / Bascom	Belmont
4:00 PM – 5:00PM	Advisory Committee Meeting - (Madden, Frentzas, Bascom, Orton, Champion, past ICC Chairs)	Madden / Giotis	Belmont
MONDAY, 8-MAY-2017 (08.05.2017)			
7:00 AM – 7:45 AM	All Chairs Meeting - (Subcommittee, Working Group, Discussion Group, Transnational, Education, and Standards: Chairs and Vice-Chairs)	Frentzas / Bascom	Palm Ballroom
7:45 AM – 8:00AM	All Chairs Mtg. – Sub A Breakout	Wen / Richardson	Palm Ballroom
	All Chairs Mtg. – Sub B Breakout	Szyszko / Campbell	Palm Ballroom
	All Chairs Mtg. – Sub C Breakout	Mueller / Martinez	Mission I
	All Chairs Mtg. – Sub D Breakout	Maldonado / Vacant	Mission II
	All Chairs Mtg. – Sub F Breakout	Cherukupalli / Tirinzoni	Mission III
	All Chairs Mtg. – Sub G Breakout	Petzold / Gulski	Belmont
TUESDAY, 9-MAY-2017 (09.05.2017)			
7:00 AM – 7:45AM	Training Session – Ballot Comment Resolution Guidelines	Malia Zaman	Palm Ballroom
WEDNESDAY, 10-MAY-2017 (10.05.2017)			
7:00 AM – 7:45AM	Training Session – IEEE Standards and Robert's Rules of Order	Hiivala	Palm Ballroom
12:00 PM – 2:00 PM	AdCom Wrap-Up Meeting - (Frentzas, Bascom, Geene, Champion, Arnold, Hiivala, Wen, Richardson, Szyszko, Campbell, Mueller, Martinez, Maldonado, Cherukupalli, Tirinzoni, Petzold, Gulski, Mosier, Jajack, Merando, Clark, Madden, Giotis, von Herrmann, Carson, Orton, Boone, Thompson, Wentzel, Smith)	Frentzas / Bascom	Belmont

Please note that only those meetings listed on this schedule are sponsored or co-sponsored by ICC.

¹ ExCom is the Executive Committee.

² AdCom is the Administrative Committee.



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ICC MEETING SCHEDULE

SUNDAY, 7-MAY- 2017 (07.05.2017)			
TIME	ACTIVITY	CHAIRS	ROOM
12:30 – 4:00PM	Registration (On-Site Registration & Registration Package Pickup)	Arnold / B. Taylor	Bayview Foyer
4:00 – 4:30PM	Insulated Conductors Committee ORIENTATION Are you new? Come and learn about the ICC, meet some new people, and maybe get some ICC SWAG.	Champion	Crown Point
4:00 – 5:00PM	Social for ICC Women Engineers Network with other women engaged in the engineering profession. Introverts and extroverts – all are welcome!	Mosier / Flenniken	Cabanas
4:00 – 5:00PM	International/Diversity Social for ICC Engineers A global gathering for ICC attendees to network with each other and international new comers to learn more about ICC and seek assistance	Jiang / Wen	
12:30 – 5:00PM	Table Top Displays		Regatta Pavilion
5:00 – 7:00PM	RECEPTION – All Attendees		Banyan Court and Lawn

General Meeting Notes

* Breakout Working Group (WG) and Discussion Group (DG) meetings are held concurrent with Subcommittee Sessions, in different rooms as noted. Groups ending with a “W” (e.g. D11W) are working groups with a PAR and are working to complete or revise a standard or guide. Groups ending with a “D” (e.g. B17D) are discussion groups, discussing various things related to their title. Attendees are welcome to attend all general session, subcommittee, discussion group, and working group meetings.

Key – Schedule Color Coding

Color	Event Type	Color	Event Type	Color	Event Type	Color	Event Type
	Administrative Meetings (Officers, Chairs, Vice-Chairs)		Registration		Working /Discussion Group Meetings - Break Outs		Meals / Snacks
	Author / Presenter Presentation Preload Times		Exhibits / Table Top Displays by Vendors		Training Sessions		Meals with Technical Program

Companion/Spouse Activities/Breakfast

Activities are planned for spouses/companions each day of the conference. Red Marlin is assigned to these activities. This room is also available for impromptu get togethers for those not interested in attending planned off-site events. Please check the brochure available on the website at http://www.pesicc.org/iccwebsite/meetings/2017Spring/Spring_2017.htm or at the registration desk for specific activities and off-site events. Breakfast is included with spouse/companion registration and is held daily (Monday thru Wednesday) in Red Marlin.

Attendee Breakfast:

A breakfast is provided each meeting day (Monday thru Wednesday morning) for attendees between 7:00AM and 8:00AM Breakfast for this meeting is served in Bayview Terrace (see hotel layout map at the end of this document).

Latest Info:

See the Bulletin Boards in the Registration area for specifics on events or for last minute changes.





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ICC MEETING SCHEDULE

MONDAY, 8-MAY-2017 (08.05.2017) - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM – 8:00 AM		Attendee Breakfast	Frentzas / Bascom	Bayview Terrace	
8:00 AM – 9:30 AM		Spouse / Companion Breakfast	Frentzas	Red Marlin Pod 4	
7:00AM-8:00AM	All Chairs Meeting - (For Subcommittee, WG, DG, Education, Communications, and Standards Chairs & Vice-Chairs)		Frentzas / Bascom	Palm	ICC Meeting, Subcommittee, WG/DG Operational Announcements
7:00AM-8:00AM		Presentation Pre-load and Test All Presenters MUST Pre-load	T. Richardson	Bayview II/III	Subcommittee presentation loadings on ICC Computer
7:00AM-12:00PM		Registration	Arnold / B. Taylor	Bayview Foyer	On-Site Registration & Registration Package Pickup
7:30AM-5:30PM		Table Top Displays		Regatta Pavilion	Product/Services Exhibitions
8:00AM-9:00 AM		OPENING SESSION All Attendees	Frentzas / Bascom	Bayview Ballroom	ICC Meeting Announcements, IEEE, PES & ICC Awards
9:15 AM - 12:30 PM	B	CABLE ACCESSORIES	Szyszko / Campbell	Bayview II/III	Technical Presentations
BREAKOUT WG/DG MEETINGS *(see notes on page 2)					
9:15 AM – 10:30 AM	A11W	Guide for the Selection, Testing, Application and Installation of Cables Having Radial Moisture Barriers and/or Longitudinal Water Blocking IEEE 1142	Bow / Bayer	Bayview I	initial meeting will seek input on the PAR and Scope for the revision of 1142 Guide on Moisture Barrier Cables
	A20D	Low Voltage Cable Systems Rated ≤ 600V	Brigandi / Hawig	Mission I	Presentation and General Discussions
	C29W	Induced Voltage Work Procedures (1727)	Uddin / Wong	Mission II	Guide Q & Presentation - Practical analysis of induced voltages and currents on parallel circuits
	C36D	Real Time and Dynamic Current Rating	Grodzinski / Vacant	Mission III	Discussion of the latest version of the future guide
	D07D	Evaluation of Cables For Class 1E Circuits In Nuclear Generating Stations (1186)	Watson / Mantey	Belmont	Develop Standard
	F11W	Constant Voltage AC Field Testing of Cable Systems (P1614)	Fenger / Denmon	Crown Point	Discussion of content of first draft
10:30 – 10:45 AM	Break	Refreshments / Snacks	Frentzas	Regatta Pavilion	
10:45 AM - 12:30 PM	A13W	Accelerated Aging Tests for 5-35 kV Extruded Cables using Water Tanks (1407)	Walton / Wald	Bayview I	Continue work on revision of IEEE 1407
	A14D	Power Cable Standards	Smalley / B. Richardson	Mission I	Updates from IEC, ICEA, and AEIC.
	C11W	Submarine Cables (1120)	Orton / Campilii	Mission II	Revision of IEEE Standard 1120 on Submarine Cables
	C25W	Soil Thermal Resistivity Measurements (442)	N. Patel / Cherukupalli	Mission III	Discuss next steps for Thermal Resistivity & Stability Guide
	D05W	Station Cable Installation Criteria (1185)	Merando / Bloethe	Belmont	Detailed review of revised draft of P1185.
	F06W	Guide for Field Testing of Shielded DC Power Cable Systems Using High Voltage Direct Current (HVDC)- IEEE P400.5	Larzelere / Rickmann	Crown Point	Discussion of the Process Forward



ICC MEETING SCHEDULE

MONDAY, 8-MAY-2017 (08.05.2017) - PM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:30 PM - 2:00 PM	NETWORKING LUNCHEON <i>(Must Register for This)</i>		Orton / Boone	Palm Ballroom	
2:00 PM – 5:30 PM	D	GENERATING STATION AND INDUSTRIAL CABLES	Maldonado / Vacant	Bayview II/III	Technical Presentations
BREAKOUT WG/DG MEETINGS ^{*(see notes on page 2)}					
2:00 PM - 3:15 PM	A08W	Tests for Compatibility of Cable Pulling Lubricants with Wire & Cable (1210)	McAuliffe / Elliott	Bayview I	Continue work on revision of standard 1210
	B06W	Guide for Connecting Surge Arresters to Protect Shielded Cable Systems (C62.22.1)	Makal / Vacant	Mission I	Final edits to Guide
	B09W	Guide for Cable Cleaning Solvents (1493)	Lauxman / Fosse	Mission II	Continue to revise IEEE guide 1493
	C01W	Ampacity Topics (IEEE 835)	Purnhagen / Goyette	Mission III	Discuss ampacity problems/solutions, update to ampacity tables
	C31D	HPFF/HPGF Pipe Type Cable Systems	Mueller / Koonce	Belmont	Presentation and open discussions on HPFF
	F07W	Guide on Neutral Corrosion in MV Underground Cables (1617)	Buchholz / von Herrmann	Crown Point	Reviewing proposed revisions by the writing group to Std 1617
3:15–3:30PM	Break	Refreshments / Snacks	Frentzas	Regatta Pavillion	
3:30 PM – 5:30 PM	A19D	Covered Conductors	T. Campbell / Nuckles	Bayview I	Continue discussion on topics for proposed covered conductor guide.
	B03W	Exposed Semi-Con Shields Test (592)	T. Richardson / Kamel	Mission I	Discuss and approve the IEEE-592 draft for balloting
	B24W	495 Faulted Circuit Indicators – IEEE 495	Weaver / Reed-Harmel	Mission II	Review PAR and timeline for completing improvements to standard
	C13D	Installation of Cables Using Trenchless Techniques	Goyette / Williams	Mission III	Presentation and work on white paper
	C39D	Seismic Performance Assessment of Transmission Cables	Cherukupalli / Orton	Belmont	Presentations and open discussion



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TUESDAY, 9-MAY-2017 (09.05.2017) - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM – 8:00 AM		Attendee Breakfast	Frentzas / Bascom	Bayview Terrace	
8:00 AM – 9:30 AM		Spouse / Companion Breakfast	Frentzas	Red Marlin Pod 4	
7:00 AM – 8:00 AM		Presentation Pre-load and Test All Presenters MUST Pre-load	T. Richardson	Bayview II/III	Subcommittee presentation loadings on ICC Computer
7:00 AM - 8:00 AM		Training Session (General Membership) (Open to all - Ballot Comment Resolution Guidelines)	Zaman	Palm Ballroom	Ballot Comment Resolution Guidelines
7:00 AM - 11:00 AM		Registration	Arnold / B. Taylor	Bayview Foyer	On-Site Registration
7:30 AM - 5:30 PM		Table Top Displays		Regatta Pavilion	Product/Services Exhibitions
8:00 AM - 12:00 PM	C	CABLE SYSTEMS	Mueller/Martinez	Bayview II/III	Technical Presentations
BREAKOUT WG/DG MEETINGS *(see notes on page 2)					
8:00 AM - 10:00 AM	A06D	Accelerated Electrical Aging	Wald / Caronia	Bayview I	Crow AMSAA, Ageing under DC
	A15W	Guide for Selection and Design of Aluminum Sheaths for Power Cables IEEE 635	Bartolucci / Vacant	Mission I	Discuss moving forward from the last draft of 635/D2
	B05W	Connection of Cables to GIS (1300)	Whiteside / Vacant	Mission II	Discussions, presentations and update on CIGRE WG B1/B3.49 work
	B12W	Guide for Investigating & Analyzing Shielded Power Cable Failures on Sys Rated 5kV - 46kV (1511 & 1511.1)	Bader / Ayres	Mission III	Briefly review outline for proposed content and discuss organization and layout of proposed guide.
	D08W	IEEE 634, Cable Penetration Fire Test	G. Taylor / Stansberry	Belmont	Begin work on revising standard.
	F04W	Partial Discharge Testing in the Field (400.3)	Levine / Walton	Crown Point	Prepare latest draft for ballot
10- 10:15AM	Break	Refreshments / Snacks	Frentzas	Regatta Pavilion	
10:15 AM- 12:00 PM	A07W	Selecting/Testing Jackets for Underground Cables (532)	Caronia / Joseph	Bayview I	Review, Discuss and Agree on Working Group edits to the IEEE guide P532
	A10D	Conductors	Joy / Liu	Mission I	Discussion on cable and conductor improvements
	B16W	Separable Insulated Connectors (386)	Hughes / Vacant	Mission II	Discuss failure rate requirements for switching & fault-closure and discuss continuous current ratings above 90C
	B17W	Guide for Faulted Circuit Indicators (1610)	Angerer / Reed-Harmel	Mission III	Review Balloting of P1610 and 495 DG meeting for renewal of IEEE495-2007
	D12D	Cable Life Extension	Rasmussen / Vacant	Belmont	Continue discussions regarding feasibility of new standard.



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TUESDAY, 9-MAY-2017 (09.05.2017) - PM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:15 PM - 2:00 PM	G	TRANSNATIONAL LUNCHEON (Must Register for This)	Petzold / Gulski	Banyan Court and Lawn	International Meetings Announcements and Technical Presentations
2:00 PM - 5:30 PM	F	FIELD TESTING AND DIAGNOSTICS	Cherukupalli / Tirinzoni	Bayview II/III	Technical Presentations
BREAKOUT WG/DG MEETINGS (see notes on page 2)					
2:00 PM - 3:15 PM	A16D	Characteristics of EPR Cables Submarine Cables	Fleming / Vacant	Bayview I	Presentations and Discussions Discussion on submarine & offshore cables
	B10W	Guide for Cable Terminations (1637)	B. Taylor / Vacant	Mission I	Review Guide before going to ballot
	C30W	Life Extension of Power Cables in the Field (1879)	Joy / Klyweg	Mission II	Trial-Use Guide for Injecting Cables in the Field
	C37D	Submarine Cables	Orton / Campilii	Mission III	Discussion on submarine & offshore cables
	D15W	Flame Propagation Testing (1202)	Stansberry / Hills	Belmont	Continue work on revising standard.
3:15-3:30PM	Break	Refreshments / Snacks	Frentzas	Regatta Pavilion	
3:30 PM - 5:30 PM	B01W	Cable Termination Standard (48)	B. Taylor / Norris	Bayview I	Continue to Review Standard before going to ballot
	B23W	Transmission Cable Joints & Terminations (Replaces IEEE 48 & 404)	Jovanovic / Martinez	Mission I	Meeting of a Discussion Group on Transmission IEEE 48 and 404 documents for Terminations and Joints
	C38D	HVDC Cable Systems	Busby / Hobson	Mission II	Presentation & Discussions on HVDC cable systems
	C40D	Re-utilizing Steel Pipes to Replace Pipe-type Cables with Extruded Cables	Curci / Vacant	Mission III	presentations plus continued discussion on converting pipe cables to XLPE
	D06W	IEEE Guide for Installation Fiber-Optic Cables (1428) (3:30 PM-4:30PM)	Pirrong / Vacant	Belmont	Initiate revision of guide
	D20D	Guide for Nuclear Cables (4:30 PM – 5:30 PM)	Fleming / Vacant	Crown Point	PAR Development.



ICC MEETING SCHEDULE

WEDNESDAY, 10-MAY-2017 (10.05.2017) - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM – 8:00 AM		Attendee Breakfast	Frentzas / Bascom	Bayview Terrace	
8:00 AM – 9:30 AM		Spouse / Companion Breakfast	Frentzas	Red Marlin	
7:00 AM – 8:00 AM		Presentation Pre-load and Test All Presenters MUST Pre-load	T. Richardson	Bayview II/III	Subcommittee Presentation Loadings on ICC Computer
7:00 AM - 8:00 AM		Training Session (General Membership) (Open to all - IEEE Standards and Robert's Rules of Order)	Hiivala	Palm Ballroom	IEEE Standards and Robert's Rules of Order
7:30 AM - 1:00 PM		Table Top Displays		Regatta Pavilion	
8:00 AM - 12:00 PM	A	CABLE CONSTRUCTION & DESIGN	Wen / Richardson	Bayview II/III	Technical Presentations
BREAKOUT WG/DG MEETINGS ^(see notes on page 2)					
8:00 AM - 10:00 AM	B19W	Cable Prep Techniques for Installing Accessories (1816)	Crotty / Smalley	Bayview I	Review instructions for preparing PILC cables and changes to Title, Scope, and Purpose
	C05W	Guide to the Use of Gas-in-Fluid Analysis for Electric Power Cable Systems (1406)	Purnhagen / Johnson	Mission I	Continue working on finalizing P1406 guide document
	C34W	Mitigating Manhole Explosions - P2417	Black / Hanebuth	Mission II	Further development of Guide for Manhole Explosions
	D22W	Cables Systems for Hazardous Locations on Land Drilling Rigs(P2470)	Laudicina / Bayer	Mission III	Continue development of standard.
	F12W	Guide for Fault Locating on Shielded Power Cables (1234)	Mosier / von Herrmann	Belmont	Review proposed flowchart to help guide user through the document; discuss new CIGRE guide for fault locating.
	G10D	International Organizations	Zenger / Orton	Crown Point	Update on Cigre SCs & B1 Cables. US activities plus WGs. Update on IEC. JTF Cigre/ICC.
10 – 10:15 AM	Break	Refreshments / Snacks	Frentzas	Regatta Pavilion	
10:15 AM - 12:00 PM	B22W	Distribution Cable Joints & Terminations (Replaces IEEE 48 & 404)	Madden / Norris	Bayview I	Family of products discussion and ongoing harmonization work
	C03D	Magnetic Fields of Underground Cables	Clark / Vacant	Mission I	Presentations & discuss guide for EMF mitigation methods
	C33D	Renewable Energies	Joy / Vacant	Mission II	Renewable Energy IEEE 1547 Series of Standards, and Interconnection Issues
	D AdHoc	Cable Guide for Transit Infrastructure	Shoshani / Vacant	Mission III	Determine feasibility of a cable guide
	D21W	Circuit Integrity of Fire Resistive Cables in Tunnels & Transit Apps (2412)	Conrad / Stansberry	Belmont	Continue development of standard
	F02W	Guide for Field Testing of Laminated Dielectric, Shielded AC Power Cable Systems Rated 5 kV to 500 kV Using High Voltage Direct Current (HVDC) P400.1	Larzelere / Rickmann	Crown Point	Discuss Draft 1



ICC MEETING SCHEDULE

WEDNESDAY, 10-MAY-2017 (10.05.2017) - PM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:00 PM - 1:00 PM		EDUCATIONAL LUNCHEON <i>(Must Register for This)</i>		Palm Ballroom	
1:00 PM - 5:00 PM		EDUCATIONAL PROGRAM ¹	Mosier / Jajack	Bayview II/III	The session will feature medium- and high-voltage super-conducting cable systems, focusing primarily on design, installation and operation.
3:00 PM – 3:15 PM	Break	Refreshments / Snacks	Frentzas	Regatta Pavillion	

NOTES:

¹-0.4 CEUs granted for this session. You must register and attend in order to receive CEUs. To receive these credits towards a Florida PE License, you MUST provide Thomas Arnold with your FL PE License number prior to the session.



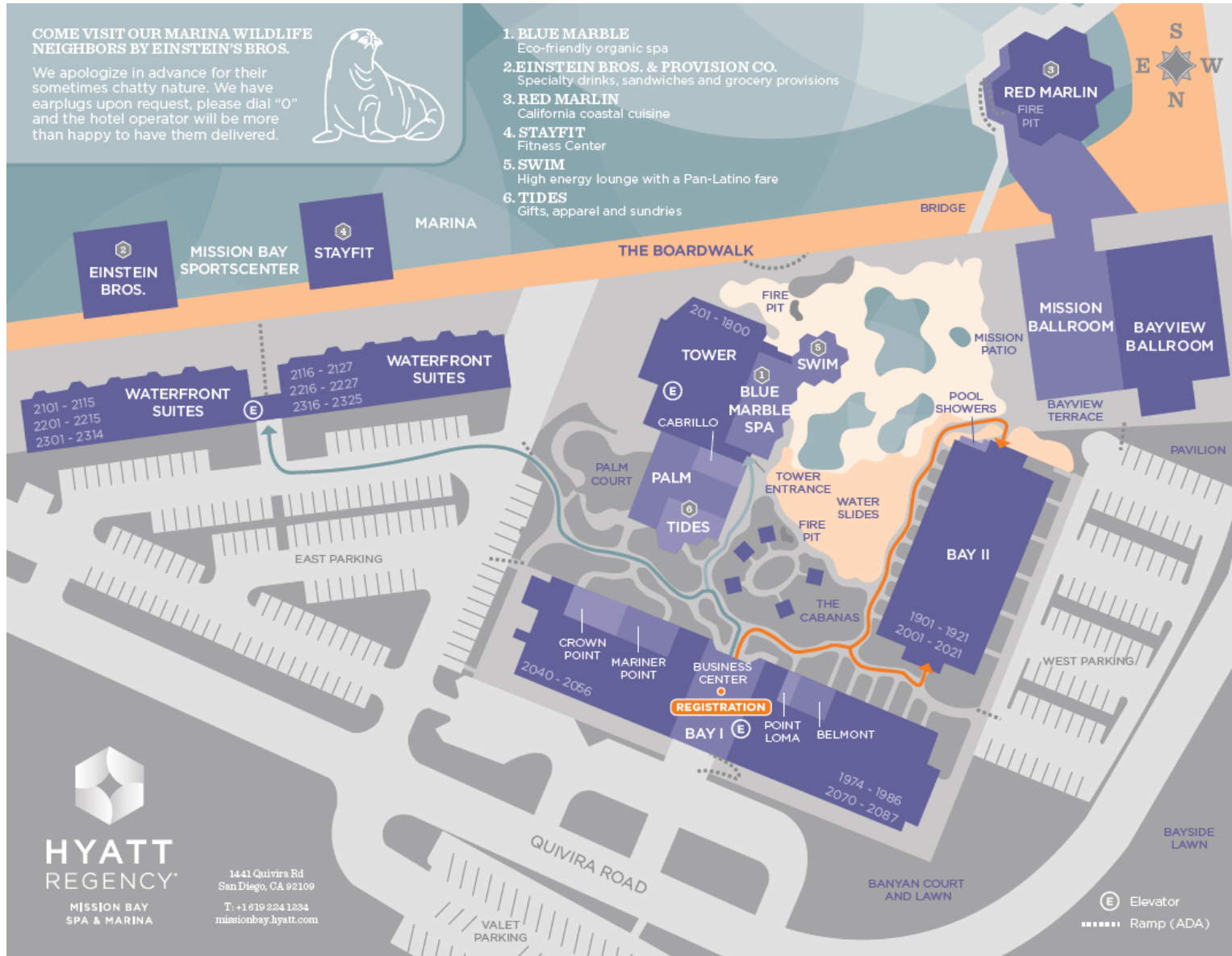
The Insulated Conductors Committee (ICC) utilizes an application called guidebook® that allows you mobile access to the meeting agenda!

You are encouraged to download the mobile guide with the complete ICC Spring 2017 Schedule to enhance your experience at the meeting. You'll be able to plan your day with a personalized schedule (including reminders), browse exhibitors, floor maps, and general info. The app is compatible with iPhones, iPads, iPod Touches and Android devices. Get our guide here: [ICC Spring 2017 Guidebook](#). Android and iOS users:

1. Tap the "Download" button to download the free Guidebook app
2. Open Guidebook and you can find our "IEEE Insulated Conductors Committee (ICC) - Spring 2017" guide

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FLOOR PLAN
Main Level



