



INSULATED CONDUCTORS COMMITTEE

Established 1947

Fall 2017 Meeting, Hollywood, FL

DRAFT AGENDA – 13-Sept-2017

Administrative Activities

SATURDAY, 28-OCTOBER-2017 (26.10.2017)			
TIME	ACTIVITY	CHAIRS	ROOM
12:00 PM – 2:00 PM	Pre-Con Meeting with Hotel (Frentzas, Bascom, Geene, Champion, Arnold, Hiivala, Hotel)	Frentzas / Bascom	Board Room
2:00 PM – 5:00 PM	ExCom¹ Meeting - Executive Session (Frentzas, Bascom, Geene, Champion, Arnold, Hiivala)	Frentzas / Bascom	Board Room
SUNDAY, 29-OCTOBER- 2017 (29.10.2017)			
9:00 AM – 11:00AM	Treasurer's Meeting - (Bascom, Geene, Champion, Arnold)	Bascom	Board Room
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	Board Room
4:00 PM – 5:00PM	Advisory Committee Meeting - (Madden, Frentzas, Bascom, Orton, Champion, past ICC Chairs)	Madden / Giotis	Board Room
MONDAY, 30-OCTOBER-2017 (30.10.2017)			
7:00 AM – 7:45 AM	All Chairs Meeting - (Subcommittee, Working Group, Discussion Group, Transnational, Education, and Standards: Chairs and Vice-Chairs)	Frentzas / Bascom	Compass Rose East
7:45 AM – 8:00AM	All Chairs Mtg. – Sub A Breakout	Wen / Richardson	Compass Rose East
	All Chairs Mtg. – Sub B Breakout	Szyszko / Campbell	Compass Rose East
	All Chairs Mtg. – Sub C Breakout	Mueller / Martinez	Compass Rose East
	All Chairs Mtg. – Sub D Breakout	Maldonado / Vacant	Fins Right
	All Chairs Mtg. – Sub F Breakout	Cherukupalli / Tirinzoni	Fins Left
	All Chairs Mtg. – Sub G Breakout	Petzold / Gulski	Nautical Wheeler
TUESDAY, 31-OCTOBER-2017 (31.10.2017)			
WEDNESDAY, 1-NOVEMBER-2017 (01.11.2017)			
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	Continental Drifter

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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DRAFT AGENDA – 13-Sept-2017

ICC MEETING SCHEDULE

SUNDAY, 29-OCTOBER- 2017 (29.10.2017)			
TIME	ACTIVITY	CHAIRS	ROOM
12:30 – 4:00PM	Registration (On-Site Registration & Registration Package Pickup)	Arnold / B. Taylor	Ballroom 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	Nautical Wheeler
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	Compass Rose East
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		Ballroom Foyer
5:00 – 7:00PM	RECEPTION – All Attendees		License to Chill Patio

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. Coral Reef 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/2017Fall/Fall_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 Coral Reef.

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 License to Chill Patio (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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DRAFT AGENDA – 13-Sept-2017

ICC MEETING SCHEDULE

MONDAY, 30-OCTOBER-2017 (30.10.2017) - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM – 8:00 AM		Attendee Breakfast	Frentzas / Bascom	License to Chill Patio	
8:00 AM – 9:30 AM		Spouse / Companion Breakfast	Frentzas	Coral Reef	
7:00AM-8:00AM	All Chairs Meeting - (For Subcommittee, WG, DG, Education, Communications, and Standards Chairs & Vice-Chairs)		Frentzas / Bascom	Compass Rose East	ICC Meeting, Subcommittee, WG/DG Operational Announcements
7:00AM–8:00AM		Presentation Pre-load and Test All Presenters MUST Pre-load	Richardson	Compass Rose South	Subcommittee presentation loadings on ICC Computer
7:00AM-12:00PM		Registration	Arnold / B. Taylor	Ballroom Foyer	On-Site Registration & Registration Package Pickup
7:30AM-5:30PM		Table Top Displays		Ballroom Foyer	Product/Services Exhibitions
8:00AM-9:00 AM		OPENING SESSION All Attendees	Frentzas / Bascom	Compass Rose West & South	ICC Meeting Announcements, IEEE, PES & ICC Awards
9:15 AM-12:15 PM	A	CABLE CONSTRUCTION & DESIGN	Wen / Richardson	Compass Rose South	Technical Presentations
BREAKOUT WG/DG MEETINGS ^(see notes on page 2)					
9:15 AM - 10:15 AM	B19W	Cable Prep Techniques for Installing Accessories (1816)	Crotty / Smalley	Compass Rose North	Review instructions for preparing PILC cables and changes to Title, Scope, and Purpose
	B05W	Connection of Cables to GIS (1300)	Whiteside / Vacant	Compass Rose East	Discussions, presentations and update on CIGRE WG B1/B3.49 work
	C34W	Mitigating Manhole Explosions - P2417	Black / Hanebuth	Hemisphere Dancer	Further development of Guide for Manhole Explosions
	D22W	Cables Systems for Hazardous Locations on Land Drilling Rigs(P2470)	Laudicina / Bayer	Nautical Wheeler	Continue development of standard.
	G10D	International Organizations	Zenger / Orton	Fins Right	Update on Cigre SCs & B1 Cables. US activities plus WGs. Update on IEC. JTF Cigre/ICC.
10:15 – 10:30 AM	Break	Refreshments / Snacks	Frentzas		
10:30 AM - 12:15 PM	B22W	Distribution Cable Joints & Terminations (Replaces IEEE 48 & 404)	Madden / Norris	Compass Rose North	Family of products discussion and ongoing harmonization work
	C05W	Guide to the Use of Gas-in-Fluid Analysis for Electric Power Cable Systems (1406)	Purnhagen / Johnson	Compass Rose East	Continue working on finalizing P1406 guide document
	C33D	Renewable Energies	Joy / Vacant	Hemisphere Dancer	Renewable Energy IEEE 1547 Series of Standards, and Interconnection Issues
	D21W	Circuit Integrity of Fire Resistive Cables in Tunnels & Transit Apps (2412)	Conrad / Stansberry	Nautical Wheeler	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	Fins Right	Discuss Draft 1



ICC MEETING SCHEDULE

MONDAY, 30-OCTOBER-2017 (30.10.2017) - PM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:30 PM - 2:00 PM		NETWORKING LUNCHEON <i>(Must Register for This)</i>	Orton / Boone	Compass Rose West	
2:00 PM – 5:30 PM	C	CABLE SYSTEMS	Mueller/Martinez	Compass Rose South	Technical Presentations
BREAKOUT WG/DG MEETINGS ^(see notes on page 2)					
2:00 PM - 3:15 PM	A06D	Accelerated Electrical Aging	Wald / Caronia	Compass Rose North	Crow AMSAA, Ageing under DC
	A15W	Guide for Selection and Design of Aluminum Sheaths for Power Cables IEEE 635	Bartolucci / Vacant	Compass Rose East	Discuss moving forward from the last draft of 635/D2
	B12W	Guide for Investigating & Analyzing Shielded Power Cable Failures on Sys Rated 5kV - 46kV (1511 & 1511.1)	Bader / Ayres	Hemisphere Dancer	Briefly review outline for proposed content and discuss organization and layout of proposed guide.
	D08W	IEEE 634, Cable Penetration Fire Test	G. Taylor / Stansberry	Nautical Wheeler	Standard Development
	D23D	Cable Guide for Transit Infrastructure	Shoshani / Bayer	Fins Right	PAR Development
	F04W	Partial Discharge Testing in the Field (400.3)	Levine / Walton	Fins Left	Prepare latest draft for ballot
3:15–3:30PM	Break	Refreshments / Snacks	Frentzas		
3:30 PM – 5:30 PM	A07W	Selecting/Testing Jackets for Underground Cables (532)	Caronia / Joseph	Compass Rose North	Review, Discuss and Agree on Working Group edits to the IEEE guide P532
	A10D	Conductors	Joy / Liu	Compass Rose East	Discussion on cable and conductor improvements
	B16W	Separable Insulated Connectors (386)	Hughes / Vacant	Hemisphere Dancer	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	Nautical Wheeler	Review Balloting of P1610 and 495 DG meeting for renewal of IEEE495-2007
	D05W	Station Cable Installation Criteria (1185)	Merando / Bloethe	Fins Right	Detailed review of revised draft of P1185.
	F12W	Guide for Fault Locating on Shielded Power Cables (1234)	Mosier / von Herrmann	Fins Left	Review proposed flowchart to help guide user through the document; discuss new CIGRE guide for fault locating.



ICC MEETING SCHEDULE

TUESDAY, 31-OCTOBER-2017 (31.10.2017) - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM – 8:00 AM		Attendee Breakfast	Frentzas / Bascom	License to Chill Patio	
8:00 AM – 9:30 AM		Spouse / Companion Breakfast	Frentzas	Coral Reef	
7:00 AM – 8:00 AM		Presentation Pre-load and Test All Presenters MUST Pre-load	Richardson	Compass Rose South	Subcommittee presentation loadings on ICC Computer
7:00 AM - 11:00 AM		Registration	Arnold / B. Taylor	Ballroom Foyer	On-Site Registration
7:30 AM - 5:30 PM		Table Top Displays		Ballroom Foyer	Product/Services Exhibitions
8:00 AM - 12:00 PM	F	FIELD TESTING AND DIAGNOSTICS	Cherukupalli / Tirinzoni	Compass Rose South	Technical Presentations
BREAKOUT WG/DG MEETINGS <small>(see notes on page 2)</small>					
8:00 AM - 10:00 AM	A16D	Characteristics of EPR Cables Submarine Cables	Fleming / Vacant	Compass Rose North	Presentations and Discussions Discussion on submarine & offshore cables
	B10W	Guide for Cable Terminations (1637)	B. Taylor / Vacant	Compass Rose East	Review Guide before going to ballot
	B23W	Transmission Cable Joints & Terminations (Replaces IEEE 48 & 404)	Jovanovic / Martinez	Hemisphere Dancer	Meeting of a Discussion Group on Transmission IEEE 48 and 404 documents for Terminations and Joints
	C13D	Installation of Cables Using Trenchless Techniques	Goyette / Williams	Nautical Wheeler	Presentation and work on white paper
	C37D	Submarine Cables	Orton / Campilli	Fins Right	Discussion on submarine & offshore cables
	D15W	Flame Propagation Testing (1202)	Stansberry / Hills	Fins Left	PAR development
10- 10:15AM	Break	Refreshments / Snacks	Frentzas		
10:15 AM- 12:15 PM	B01W	Cable Termination Standard (48)	B. Taylor / Norris	Compass Rose North	Continue to Review Standard before going to ballot
	C30W	Life Extension of Power Cables in the Field (1879)	Joy / Klyweg	Compass Rose East	Trial-Use Guide for Injecting Cables in the Field
	C40D	Re-utilizing Steel Pipes to Replace Pipe-type Cables with Extruded Cables	Curci / Vacant	Hemisphere Dancer	presentations plus continued discussion on converting pipe cables to XLPE
10:15 AM - 11:15 AM	D06W	IEEE Guide for Installation Fiber-Optic Cables (1428)	Cunningham / Vacant	Nautical Wheeler	PAR Development
11:15 AM - 12:15 PM	D20W	Guide for Nuclear Cables	Fleming / Khondker	Fins Right	Initiate standard development



ICC MEETING SCHEDULE

TUESDAY, 31-OCTOBER-2017 (31.10.2017) - PM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:15 PM - 2:00 PM	G	TRANSNATIONAL LUNCHEON <i>(Must Register for This)</i>	Petzold / Gulski	Compass Rose West	International Meetings Announcements and Technical Presentations
2:00 PM – 5:30 PM	D	GENERATING STATION AND INDUSTRIAL CABLES	Maldonado / Vacant	Compass Rose South	Technical Presentations
BREAKOUT WG/DG MEETINGS <small>(see notes on page 2)</small>					
2:00 PM - 3:15 PM	A08W	Tests for Compatibility of Cable Pulling Lubricants with Wire & Cable (1210)	McAuliffe / Elliott	Compass Rose North	Continue work on revision of standard 1210
	B06W	Guide for Connecting Surge Arresters to Protect Shielded Cable Systems (C62.22.1)	Makal / Vacant	Compass Rose East	Final edits to Guide
	B09W	Guide for Cable Cleaning Solvents (1493)	Lauxman / Fosse	Hemisphere Dancer	Continue to revise IEEE guide 1493
	C01W	Ampacity Topics (IEEE 835)	Purnhagen / Goyette	Nautical Wheeler	Discuss ampacity problems/solutions, update to ampacity tables
	C38D	HVDC Cable Systems	Busby / Hobson	Fins Right	Presentation & Discussions on HVDC cable systems
3:15-3:30PM	Break	Refreshments / Snacks	Frentzas		
3:30 PM - 5:30 PM	A19D	Covered Conductors	T. Campbell / Nuckles	Compass Rose North	Continue discussion on topics for proposed covered conductor guide.
	B24W	495 Faulted Circuit Indicators – IEEE 495	Weaver / Reed-Harmel	Compass Rose East	Review PAR and timeline for completing improvements to standard
	C31D	HPFF/HPGF Pipe Type Cable Systems	Mueller / Koonce	Hemisphere Dancer	Presentation & Discussions on HPFF cable systems
	C39D	Seismic Performance Assessment of Transmission Cables	Cherukupalli / Orton	Nautical Wheeler	Presentations and open discussion
	F07W	Guide on Neutral Corrosion in MV Underground Cables (1617)	Buchholz / von Herrmann	Fins Right	Reviewing proposed revisions by the writing group to Std 1617



ICC MEETING SCHEDULE

WEDNESDAY, 1-NOVEMBER-2017 (01.11.2017) - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM – 8:00 AM		Attendee Breakfast	Frentzas / Bascom	License to Chill Patio	
8:00 AM – 9:30 AM		Spouse / Companion Breakfast	Frentzas	Coral Reef	
7:00 AM – 8:00 AM		Presentation Pre-load and Test All Presenters MUST Pre-load	Richardson	Compass Rose South	Subcommittee Presentation Loadings on ICC Computer
7:30 AM - 1:00 PM		Table Top Displays			
8:00 AM - 12:00 PM	B	CABLE ACCESSORIES	Szysko / Campbell	Compass Rose South	
BREAKOUT WG/DG MEETINGS ^(see notes on page 2)					
8:00 AM - 10:00 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	Compass Rose North	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	Compass Rose East	Presentation and General Discussions
	C29W	Induced Voltage Work Procedures (1727)	Uddin / Wong	Hemisphere Dancer	Guide Q & Presentation - Practical analysis of induced voltages and currents on parallel circuits
	D07D	Evaluation of Cables For Class 1E Circuits In Nuclear Generating Stations (1186)	Watson / Mantey	Nautical Wheeler	Develop Standard
	F11W	Constant Voltage AC Field Testing of Cable Systems (P1614)	Fenger / Denmon	Fins Right	Discussion of content of first draft
10 – 10:15 AM	Break	Refreshments / Snacks	Frentzas		
10:15 AM - 12:00 PM	A13W	Accelerated Aging Tests for 5-35 kV Extruded Cables using Water Tanks (1407)	Walton / Wald	Compass Rose North	Continue work on revision of IEEE 1407
	A14D	Power Cable Standards	Smalley / B. Richardson	Compass Rose East	Updates from IEC, ICEA, and AEIC.
	C11W	Submarine Cables (1120)	Orton / Campilii	Hemisphere Dancer	Revision of IEEE Standard 1120 on Submarine Cables
	C36D	Real Time and Dynamic Current Rating	Grodzinski / Vacant	Nautical Wheeler	Discussion of the latest version of the future guide
	D12D	Nuclear Cable Service Qualified Life Extension	Rasmussen / Abbas	Fins Right	PAR Development
	F06W	Guide for Field Testing of Shielded DC Power Cable Systems Using High Voltage Direct Current (HVDC)- IEEE P400.5	Larzelere / Rickmann	Fins Left	Discussion of the Process Forward



ICC MEETING SCHEDULE

WEDNESDAY, 1-NOVEMBER-2017 (01.11.2017) - PM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:00 PM - 1:00 PM		EDUCATIONAL LUNCHEON <i>(Must Register for This)</i>		Compass Rose West	
1:00 PM - 5:00 PM		EDUCATIONAL PROGRAM ¹	Mosier / Jajack	Compass Rose South	[Get description]
3:00 PM – 3:15 PM	Break	Refreshments / Snacks	Frentzas		

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 Fall 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 Fall 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) - Fall 2017" guide

Windows Phone 7 and Blackberry users can access the same information via the mobile site at <https://guidebook.com/>





Meetings & Events Floor Plan

