



ICC SCHEDULE

SUNDAY, MAY 22, 2011

TIME	ACTIVITY	CHAIRS	ROOM
12:30 – 4:00 PM Sharp	Registration (On-Site Registration & Registration Package Pickup)	Arnold	Grand Palm Colonnade East @ Conference Office 1
12:30 – 4:00 PM	Presentation Pre-load and Test (All Presenters MUST Pre-load Subcommittee Presentations)	Taylor/Richardson	Sawyer Key/Long Key/Bird Key/Indian Key
12:30 – 5:00 PM	Table Top Displays		Banyan Breezeway East
4:00 – 4:30 PM	Insulated Conductors Committee ORIENTATION	Fitzgerald	Chart Room
5:00 – 7:00 PM	RECEPTION – All Attendees		Garden Courtyard <i>(rain backup – Banyan/Citrus/Glades)</i>

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



INSULATED CONDUCTORS COMMITTEE

Established 1947

Spring 2011 Meeting, St. Pete Beach, Florida

Final Agenda

MONDAY, MAY 23, 2011 - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM - 12:00 PM		Registration	Arnold	Grand Palm Colonnade	On-Site Registration & Registration Package Pickup
7:00 AM - 8:00 AM		All Chairs Meeting (Subcommittee, Working Group, Discussion Group, Transnational, Education, and Standards Chairs & Vice-Chairs)	Mosier/Smith	Banyan/Citrus	ICC Meeting, Subcommittee, WG/DG Operational Announcements
7:30 AM - 8:15 AM		Presentation Pre-load and Test All Presenters MUST Pre-load	Richardson	Sawyer /Long/Bird /Indian Key	Subcommittee Presentations Loadings on ICC Computer
7:30 AM - 5:30 PM		Table Top Displays - Banyan Breezeway East		Banyan Breezeway East	Product/Services Exhibitions
8:15 AM - 9:00 AM		OPENING SESSION All Attendees	Mosier/Smith	Sawyer /Long/Bird /Indian Key	ICC Meeting Announcements, IEEE & ICC Awards
9:15 AM - 12:30 PM	C	CABLE SYSTEMS	Geene/Frentzas	Sawyer /Long/Bird /Indian Key	Technical Presentations
BREAKOUT WG/DG MEETINGS¹					
9:15 AM - 10:15 AM	A16D	Characteristics of EPR Cables	Hayes/Fleming	Banyan	Two (2) presentations scheduled.
	A19D	Covered Conductors	Campbell/Nuckles	Citrus	Discuss covered conductor installation guide content.
	B20D	Impact of Filled Strand Conductor on Cable Accessories	Taylor/	Glades	Re-activate. Get consensus for standard/guide for evaluating strandfill. Review previous discussions.
	D17W	Std for Testing Circuit Integrity of Cables Using Hydrocarbon Pool Fire Protocol (P1717)	Maldonado/Smith	Jasmine	P1717 WG Balloting completed. Submit for IEEE Balloting.
	F01W	Guide for Field Testing and Evaluation of Shielded Cables - IEEE 400 (Omnibus)	Wen/Cote	Palm	Writing Group will present update and latest draft; Working Group will vote to submit draft for sponsor (ICC) ballot.
10:30 AM - 12:30 PM	A10D	Conductors	Joy/Witt	Banyan	Transmission Cable installations on Various UG jobs.
	B08W	Standards for Copper and Aluminum Insulated Cable Connectors	Walker/Cox	Citrus	Review latest revision of guide; ballot WG after this meeting for approval of the guide.
	B10W	Selection Guide for Cable Terminations (P1637)	Taylor/Jibril	Glades	Discuss changes for next revision; review new proposals.
	D18W	IEEE Guide for Installation of Fire-Rated Circuit Integrity Cables in Petroleum and Chemical Industries (P1810)	Shoshani/Bayer	Jasmine	ICC WG created; work jointly with IAS/PCIC WG.
	F10D	Diagnostic Testing Cable Joints & Terminations	Orton/Jiang	Palm	Presentations of PD tests/accessories PD database update

¹ Breakout Working Group (WG) and Discussion Group (DG) meetings are held concurrent with General Sessions, in different rooms as noted. Please note that groups ending with a "W" (e.g., B06W and D11W) are working groups, which means they have an active PAR and are working to complete 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, discussion group, and working group meetings.



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Final Agenda

MONDAY, MAY 23, 2011 – PM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:30 PM - 2:00 PM		NETWORKING LUNCH <i>(Must Register for This)</i>		Snowy Egret	Individual Professional Networking
2:00 PM - 5:30 PM	F	FIELD TESTING AND DIAGNOSTICS	Densley/Hampton	Sawyer /Long/Bird /Indian Key	Technical Presentations
BREAKOUT WG/DG MEETINGS					
2:00 PM - 3:15 PM	A07D	Selecting/Testing Jackets for Underground Cables	Caronia/Pélissou	Banyan	Presentation on new cable jacket materials; discuss sufficiency of current guide instrumentation, control and LV cable jackets.
	B01D	IEEE 48 Cable Termination Standard (P48)	Taylor/Norris	Citrus	Discuss changes for next revision; review submitted proposals.
	C13D	Installation of Cables Using Trenchless Techniques	Williams/Goyette	Glades	Review latest version of the draft guide.
	C33D	Renewable Energies	Joy/Patel	Jasmine	Discuss renewable energy options for Utility cable systems.
	D04D	Smoke, Toxicity and Corrosive Products of Cable Combustion	Durland/Vacant	Palm	Review latest draft of revision to IEEE 848
3:30 PM - 5:30 PM	A20D	Low Voltage Cable Systems Rated up to 600V	Wen/Vacant	Banyan	Summary of current state of low voltage cable systems. Pressing issues will be presented along with key points for discussion.
	B05W	IEEE 1300 Connection of Cables to GIS (P1300)	Frentzas/ Whiteside	Citrus	Review comments from balloting.
	B18W	IEEE 1215 Application Guide for Separable Connectors	Hayes/Jankowich	Glades	Continue review of submitted revisions
	C11D	Submarine Cables	Parker/Orton	Jasmine	Three presentations. Large capacity 220-kV submarine cable; techniques for water-blocking submarine cables; update on the CIGRE Working Group on testing of long submarine cables.
	D13W /D15W	Ampacity Derating of Fire Protected Cable (IEEE 848)/Standard for Flame Propagation Testing of Wire & Cable - IEEE 1202	Gwal/Spear & Hills/Vacant	Palm	Review/Update current compendium combustion tests with last meeting's additional information; discuss the research process. Reaffirmation of IEEE 1202-2006 underway. Discussion and resolution of comments from ballot.

General Meeting Notes – Monday, 5/23/2011

- 1-Guest/Spouse Breakfast, 7:30 – 9:00 AM: Horizons East
- 2-Guest/Spouse Meeting Space, 9:00 AM – 4:00 PM: Horizons East
- 3-ICC Attendee Breakfast, 7:00 – 8:00 AM: Banyan Breezeway East
- 4-ICC Attendee Breaks 10:15 – 10:45 AM, 3:15 – 3:45 PM: Banyan Breezeway
- 5-See Bulletin Boards at Registration Area for Specifics



INSULATED CONDUCTORS COMMITTEE

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Spring 2011 Meeting, St. Pete Beach, Florida

Final Agenda

TUESDAY, MAY 24, 2011 - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM - 11:00 AM		Registration	Arnold	Grand Palm Colonnade	On-Site Registration
7:30 AM – 8:00 AM		Presentation Pre-load and Test All Presenters MUST Pre-load	Richardson	Sawyer /Long/Bird /Indian Key	Subcommittee presentation loadings on ICC Computer
7:30 AM - 5:30 PM		Table Top Displays		Banyan Breezeway	Product/Services Exhibitions
8:00 AM – 12:00 PM	A	CABLE CONSTRUCTION & DESIGN	Kong/Walton	Sawyer /Long/Bird /Indian Key	Technical Presentations
BREAKOUT WG/DG MEETINGS					
8:00 AM - 10:00 AM	B12/A18W	Guide for Investigating and Analyzing Cable, Joint, and Termination Failures (P1511.1)	Jazowski/Jasek	Banyan	Guide P1511.1 published. WG now transitions to P1511.2 DG – Guide for Investigating and Analyzing Joint Failures.
	B17D	Application Guide for Faulted Circuit Indicators	Angerer/Harness	Citrus	Continued discussion/ review on combining P1610 and P1216.
	C23W	Guide for Planning and Designing Transition Facilities between Overhead and Underground Transmission Lines (P1793)	Johnson/Campilii	Glades	Review status of the PAR and document.
	C35D	Sheath Bonding of Multi-Conductor/Parallel Circuits	Chaaban/Grodzinski	Jasmine	Discuss calculation of sheath current and voltage in multi-conductor and parallel circuits.
	D10D	Class 1E Cables for Nuclear Plants (IEEE 383)	Konnik/Gwal	Palm	Review PAR and proposed changes to IEEE 383.
10:15 AM - 12:00 PM	B16D	Separable Connector Standard (IEEE 386)	Wall/Wentzel	Banyan	Review of items for inclusion in revision of IEEE 386.
	C01D	Ampacity Topics	Purnhagen/Goyette	Citrus	Discuss cable/heat source crossings, cable in trough. Presentation on tunnels scheduled.
	C/Ad Hoc	Mitigating Manhole Explosions	Black/Cote	Glades	Discuss progress made to help solve manhole event problems.
	D03W	Guide for Selecting & Specifying Petro-Chem Cables (P1242)	Maldonado/Bow	Jasmine	PAR approved. Revisions for Draft 1 continue.
	D/Ad Hoc	Standard For Testing Fire Resistive Cables For Use In Nuclear Facilities	Taylor/Shoshani	Palm	Discuss PAR for new standard for testing cables for circuit integrity for nuclear facilities.

General Meeting Notes – Tuesday, 5/24/2011

- 1-Guest/Spouse Breakfast, 7:30 – 9:00 AM: Horizons East
- 2-Guest/Spouse Meeting Space, 9:00 AM – 4:00 PM: Horizons East
- 3-ICC Attendee Breakfast, 7:00 – 8:00 AM: Banyan Breezeway East
- 4-ICC Attendee Breaks 10:15 – 10:45 AM, 3:15 – 3:45 PM: Banyan Breezeway
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Final Agenda

TUESDAY, MAY 24, 2011 - PM SESSIONS					
TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:15 PM - 2:00PM	G	TRANSNATIONAL LUNCH (Must Register for This)	Boone/Petzold	Tarpon Key	International Meetings Announcements and Technical Presentations
2:00 PM - 5:30 PM	B	CABLE ACCESSORIES	Yaworski/Bader	Sawyer /Long/Bird /Indian Key	Technical Presentations
BREAKOUT WG/DG MEETINGS					
2:00 PM - 3:15 PM	C26D	Medium Voltage Underground Cable Reliability	Vencus/Wallace	Citrus	Presentation on EPRI current investigative research of "best practices" for distribution cable system life-cycle management.
	D11W	Shielding Practice Guide for Low Voltage Cables (P1143)	Bow/Bayer	Glades	Pre-ballot review of the new and revised clauses in Draft 3 of P1143
	G10D	International Organizations	Zenger/Orton	Jasmine	Presentations on recent completed Cigre work "Test procedures for HV transition joints" and "Advanced Design of Laminated Metallic Coverings". Discuss ongoing Cigré and IEC activities.
	F04D	Partial Discharge Testing in the Field IEEE 400.3	Levine/Walton	Palm	Discussion of problems with on-site injection calibration for MHz couplers, possible waveform/bandwidth limits.
3:30 PM - 5:30 PM	C32D	Support of Transmission Cables within Manholes	MacPhail/Eckroad	Banyan	Presentations; Continue drafting a guidelines document.
	C30D	Extending the Life of Power Cables in the Field	Bernstein/Piteo	Citrus	Review and update prior outline of draft guide; plan writing schedule.
	D/Ad Hoc	Submergence Testing of Cables For Use in Nuclear Facilities	Depriest/Fleming	Glades	PAR for new standard test method for qualification of cables.
	D14W	Guide for Design of Cable Systems (P422)	Merando/Vacant	Jasmine	Continue reviewing, discussing and resolving ballot comments. Discuss revising scope and purpose of PAR.
	F05W	Damped AC Voltage Testing (P400.4)	Gulski/Patterson	Palm	Discuss latest draft of P400.4 - Guide for Field-Testing Cable Systems \geq 5kV with Damped A/C Voltage (DAC)

General Meeting Notes – Tuesday, 5/24/2011

- 1-Guest/Spouse Breakfast, 7:30 – 9:00 AM: Horizons East
- 2-Guest/Spouse Meeting Space, 9:00 AM – 4:00 PM: Horizons East
- 3-ICC Attendee Breakfast, 7:00 – 8:00 AM: Banyan Breezeway East
- 4-ICC Attendee Breaks 10:15 – 10:45 AM, 3:15 – 3:45 PM: Banyan Breezeway
- 5-See Bulletin Boards at Registration Area for Specifics



INSULATED CONDUCTORS COMMITTEE

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Final Agenda

WEDNESDAY, MAY 25, 2011 - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:30 AM – 8:00 AM		Presentation Pre-load and Test – All Presenters MUST Pre-load	Richardson	Sawyer /Long/Bird /Indian Key	Subcommittee Presentation Loadings on ICC Computer
8:00 AM - 12:00 PM	D	GENERATING STATION AND INDUSTRIAL CABLES	Konnik/Maldonado	Sawyer /Long/Bird /Indian Key	Technical Presentations
BREAKOUT WG/DG MEETINGS					
8:00AM – 10:00AM	A14D	Power Cable Standards	Ramachandran/ Smalley	Banyan	AEIC/ICEA Updates; Presentation on Utility Cables vs. Industrial Cables; probe for standards/specification discussion topics.
	B03D	IEEE 592 Exposed Semi-Con Test	Richardson/Kamel	Citrus	Reactivating – discuss testing to support new 592 requirements.
	C22D	Superconducting Cables	Lindsay/Zimmerman	Glades	Technical discussions of HTS cable technology and applications.
	C31D	HPFF and HPGF Pipe Type Cable Systems	Frentzas/Mueller	Jasmine	Presentations on UG Transmission HPFF & HPGF Pipe Type Cables.
	F11D	Constant Voltage AC Field Testing of Cable Systems	Fenger/Vacant	Palm	Discuss scope of new project on HV AC voltage testing.
10:15 AM - 12:00 PM	B06W	Connection of Surge Arrestors to Protect Insulated Shielded Cable Systems (P1299)	Jibril/Makal	Banyan	Review latest draft guide revision; address negative ballots.
	B19W	Cable Prep Techniques for Installing Accessories (P1816)	Crotty/Smalley	Citrus	Review comments from first ballot of P1816.
	C29W	Induced Voltage Work Procedures (P1727)	Kong/Argaut	Glades	Continue to work on current-induced voltage draft
	C34D	Real-Time Dynamic Current Rating	Grodzinski/Chaaban	Jasmine	Theoretical approach/practical inputs to calculate cable ampacity
	F03W	VLF Testing in the Field – IEEE 400.2	Densley/Hayden	Palm	Review 400.2 draft revision #10. Draft available on ICC website.
12:00 PM - 1:00 PM		EDUCATION LUNCH <i>(Must Register for This)</i>		Tarpon Key	Registration and Tickets Required by Attendees
1:00 PM - 5:00 PM		EDUCATION PROGRAM¹	Mendelsohn/ Tirinzoni	Long/Bird/ Indian Key	Diagnostic Testing Techniques (other than Historical PD Tests) for Distribution and Transmission Cables

General Meeting Notes – Wednesday, 5/25/2011

- 1-Guest/Spouse Breakfast, 7:30 – 9:00 AM: Horizons East
- 2-Guest/Spouse Meeting Space, 9:00 AM – 4:00 PM: Horizons East
- 3-ICC Attendee Breakfast, 7:00 – 8:00 AM: Banyan Breezeway East
- 4-ICC Attendee Breaks 10:15 – 10:45 AM: Banyan Breezeway; 3:15 – 3:45 PM: Long/Bird/Indian Key
- 5-See Bulletin Boards at Registration Area for Specifics

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



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Final Agenda

Administrative Activities

SATURDAY, MAY 21, 2011			
TIME	ACTIVITY	CHAIRS	ROOM
1:00 - 2:00 PM	Pre-Con Meeting with Hotel (Mosier, Fitzgerald, Smith, Champion, Arnold, Hiivala, Fenger, Hotel)	Mosier/Smith	Blue Heron
2:00 - 5:00 PM	ExCom¹ Meeting - Executive Session (Mosier, Fitzgerald, Smith, Champion, Arnold, Hiivala, and Fenger)	Mosier/Smith	Compass
SUNDAY, MAY 22, 2011			
9:00 – 11:00 AM	Treasurer's Meeting (Fitzgerald, Smith, Champion, Arnold)	Smith/Champion	Compass
12:00 - 3:45 PM	AdCom² Meeting (Mosier, Fitzgerald, Smith, Kong, Walton, Champion, Yaworski, Bader, Geene, Frenzas, Konnik, Maldonado, Densley, Hampton, Fenger, von Herrmann, Arnold, Hiivala, Mendelsohn, Tirinzoni, Boone, Petzold, Merando)	Mosier/Smith	Compass
4:00 – 5:00 PM	Advisory Committee Meeting (Mosier, Fitzgerald, Smith, Champion, Gear, past ICC Chairs)	Boone/Pélissou	Compass
MONDAY, MAY 23, 2011			
7:00 – 7:45 AM	All Chairs Meeting (Subcommittee, Working Group, Discussion Group, Transnational, Education, and Standards Chairs and Vice-Chairs)	Mosier/Smith	Banyan/Citrus
7:45 – 8:00 AM	All Chairs Mtg. – Sub A Breakout	Kong/Walton	Banyan/Citrus
	All Chairs Mtg. – Sub B Breakout	Yaworski/Bader	Banyan/Citrus
	All Chairs Mtg. – Sub C Breakout	Geene/Frenzas	Glades
	All Chairs Mtg. – Sub D Breakout	Konnik/Maldonado	Jasmine
	All Chairs Mtg. – Sub F Breakout	Densley/Hampton	Palm
	All Chairs Mtg. – Sub G Breakout	Boone/Petzold	Banyan/Citrus
WEDNESDAY, MAY 25, 2011			
12:00 – 2:00 PM	AdCom Wrap-Up Meeting (Mosier, Fitzgerald, Smith, Kong, Walton, Champion, Yaworski, Bader, Geene, Frenzas, Konnik, Maldonado, Densley, Hampton, Fenger, von Herrmann, Arnold, Hiivala, Mendelsohn, Tirinzoni, Boone, Petzold, Merando)	Mosier/Smith	Compass

¹ ExCom is the Executive Committee.

² AdCom is the Administrative Committee.

Meeting Rooms Layout

