

IEEE

Spring 2010 Meeting, Nashville, TN

# **ICC SCHEDULE**

## SUNDAY, MARCH 21, 2010

TIME	ACTIVITY CHAIRS		ROOM	
12:30 – 4:00 PM Sharp	<b>Registration</b> (On-Site Registration & Registration Package Pickup)	Arnold	Main Lobby	
12:30 – 4:00 PM	<b>Presentation Pre-load and Test</b> (All Presenters MUST Pre-load Subcommittee Presentations)	Taylor/Richardson	Main Lobby @ ICC Registration Desk	
12:30 – 5:00 PM	Table Top Displays	Table Top Displays		
4:00 – 4:30 PM	Insulated Conductors Committee ORIENTATION	Fitzgerald	Kingsley	
5:00 – 7:00 PM	RECEPTION – All Attendees	RECEPTION – All Attendees		

Please note that only those meetings listed on this schedule are sponsored by ICC.  $1\!/\!8$ 





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Spring 2010 Meeting, Nashville, TN

# MONDAY, MARCH 22, 2010 - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA	
7:00 AM - 12:00 PM	Registration		Arnold	Convention Registration Desk	On-Site Registration & Registration Package Pickup	
7:00 AM - 8:00 AM	All Chairs Meeting (For Subcommittee, Working Group, Discussion Group, Transnational, Education, and Standards Chairs & Vice-Chairs)		Mosier/Smith	McGavock A/B	ICC Meeting & Subcommittee, WG/DG Operational Announcements	
7:30 AM – 8:15 AM		Presentation Pre-load and Test All Presenters MUST Pre-load	Richardson	Hermitage C/D	Subcommittee presentation loadings on ICC Computer	
7:30 AM - 5:30 PM		Table Top Displays		Plantation Lobby	Product/Services Exhibitions	
8:15 AM - 9:40 AM		OPENING SESSION All Attendees	Mosier/Smith	Hermitage C/D	Keynote Speaker, ICC Meeting Announcements, IEEE & ICC Awards	
10:00 AM - 12:30 PM	Α	CABLE CONSTRUCTION & DESIGN	Kong/Walton	Hermitage C/D	Technical Presentations	
		BREAK	OUT WG/DG ME	ETINGS <sup>1</sup>		
	B06W	Guide for Connection of Surge Arrestors to Protect Insulated Shielded Cable Systems (P1299)	Reed-Hamel/ Makal	Two Rivers		
	B17D	Application Guide for Faulted Circuit Indicators	Angerer/ Harness	Hermitage B	Consolidation of P1610 and P1216 for Fault Indicators on OH and UG Distribution Circuits	
10:00 AM - 11:00 AM	C20W	Soil Thermal Stability	Campbell/ Vacant	Belmont & Ante		
11.00 AM	D17W	Std for Testing Circuit Integrity Cables Using Hydrocarbon Pool Fire Protocol (P1717)	Maldonado/ Smith	Hermitage A	Started writing Draft 5 of IEEE-P1717. After Draft 5 is completed, will send to the subcommittee for internal balloting.	
	E10D	International Organizations	Boone/Zenger	Tulip Grove F	Update on upcoming Cigré 2010 meeting in Paris. Discuss ongoing work of Cigré SC D1 – Materials and emerging test techniques. Report on ongoing IEC activities.	
	B07D	Suggested Revisions to IEEE 386	Kumar/Harp	Two Rivers		
11:15 AM - 12:30 PM	B10W	Selection Guide for Cable Terminations (P1637)	Taylor/Jibril	Hermitage B	Guide approved by AdCom; publication this year. Discuss next revisions.	
	C01D	Ampacity Topics	Purnhagen/ Goyette	Belmont & Ante	Discuss cable/heat source crossings, cable in trough. Presentation on tunnels scheduled.	
12.301110	C32D	Support of Transmission Cables within Manholes	MacPhail/ Eckroad	Hermitage A	Induction/eddy current heating of metals close to cables; cable duct arrangements in manholes and draft guide	
	F10D	Diagnostic Testing for Cable Joints & Terminations	Orton/Jiang	Tulip Grove F	Presentation: WEB database - Documentation of pd measurement results and pd-failure inspections.	

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 meetings.





## Spring 2010 Meeting, Nashville, TN

MONDAY, MARCH 22, 2010 – PM SESSIONS							
TIME	GROUP ACTIVITY C		CHAIRS	ROOM	AGENDA		
12:30 PM - 2:00 PM	Доон	Prizes! NETWORKING LUNCH (Must Register for This)		McGavock A	Individual Professional Networking		
2:00 PM - 5:30 PM	В	CABLE ACCESSORIES	Yaworski/ Champion	Hermitage C/D	Technical Presentations		
		BREAK	OUT WG/DG M	EETINGS			
	C13D	Installation of Cables Using Trenchless Techniques	Williams/ Goyette	Two Rivers	The latest version of the draft guide will be reviewed.		
	C22D	Superconducting Cables	Lindsay/ Zimmerman	Belmont & Ante	Discussion of HTS cable applications and economics.		
2:00 PM - 3:15 PM	C29W	Induced Voltage Work Procedures (P1727)	Kong/Argaut	Tulip Grove F	Continue to work on current induced voltage draft.		
	D11W	Shielding Practice Guide for Low Voltage Cables (P1143)	Bow/Bayer	Hermitage A	Reviewing and discussing the addition of new clauses to latest draft of the P1143 guide on Shielding for Low Voltage Cables.		
	F06D	DC Field Testing of Extruded Cable Systems	Buchholz/ Patterson	Hermitage B	Outline DC voltage methods currently used for diagnostic tests of polymeric cables; assess interest in future meetings of DG.		
	A10D	Conductors	Joy/Witt	Two Rivers			
3:30 PM - 5:30 PM	A17W	Guide for Selection of Extruded Shields	Person/ Pélissou	Belmont & Ante	Review of Utility interest and support; WG to make decision to continue or abort.		
	C31D	C31D HPFF and HPGF Pipe Type Cable Systems		Tulip Grove F	Two presentations; recent in service failure of a Wye Splice of HPFF pipe type cable, and presentation on splicer training of Wye Splices.		
	F03W	Very Low Frequency Testing in the Field – IEEE 400.2	Densley/ Schlesinger	Hermitage B	Address comments on latest draft of the revision to IEEE 400.2. The latest draft is available on the ICC website.		

#### General Meeting Notes - Monday, 3/22/2010

1-Guest Breakfast, 7:30 – 9:00 AM: Old Hickory Grill Restaurant

2-Guest Meeting Space, 9:00 AM – 4:00 PM: Inquire @ ICC Registration Desk

3-ICC Attendee Breakfast, 7:00 - 8:00 AM: Plantation Lobby

4-Breaks 9:40 - 10:00 AM, 11:00AM - 11:15AM, 3:15 - 3:45 PM: Plantation Lobby

5-See Bulletin Boards at Registration Area for Specifics

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Spring 2010 Meeting, Nashville, TN

TUESDAY, MARCH 23, 2010 - AM SESSIONS						
TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA	
7:00 AM - 11:00 AM	Registration		Arnold	Convention Registration Desk	On-Site Registration	
7:30 AM – 8:00 AM	Presentation Pre-load and Test All Presenters MUST Pre-load		Richardson	Hermitage C/D	Subcommittee presentation loadings on ICC Computer	
7:30 AM - 5:30 PM		Table Top Displays	-	Plantation Lobby	Product/Services Exhibitions	
8:00 AM – 12:00 PM	D	GENERATING STATION AND INDUSTRIAL CABLES	Spear/Konnik	Hermitage C/D	Technical Presentations	
		BREA	KOUT WG/DG M	EETINGS		
	A11W	Cables with Radial/Longitudinal Moisture Barrier Blocking (P1142)	Snow/Hiranandani	Two Rivers	Review final changes made in completing the IEEE-SA approval procedure. Consider recommended measures for keeping up with technical advances in moisture impervious cable to prepare for future revisions. (Consideration to form DG.)	
	B16D	IEEE 386 Separable Connector Standard	Wall/Wentzel	Hermitage A	Identify items in IEEE 386 for next revision; efforts taking place to solidify possible revisions.	
8:00 AM - 10:00 AM	C23W	Guide for Planning and Designing Transition Facilities between Overhead and Underground Transmission Lines (P1793)	Johnson/Campilii	Hermitage B	Review the draft guide, finalize any comments, and discuss any remaining incomplete sections.	
	C26D	Medium Voltage Underground Cable Reliability	Vencus/Wallace	Tulip Grove F	Two presentations: Condition Assessment of the Underground Distribution Feeders of BC Hydro, and Overview of EPRI Underground Systems Reference Book (Bronze Book)	
	F04D	Partial Discharge Testing in the Field – IEEE 400.3	Levine/Walton	Belmont Room		
	A14D	Power Cable Standards	Ramachandran/ Smalley	Tulip Grove F	Session to include a comprehensive, historical overview of the most important Utility Power Cable Qualification Standard - Accelerated Water Treeing Test (AWTT). Also, updates on current Standards work from AEIC and ICEA.	
10:15 AM - 12:00 PM	A18/ B12W	Guide for Investigating and Analyzing Cable, Joint, and Termination Failures (P1511.1)	Jazowski/Jasek	Hermitage A	Review ongoing balloting process for P1511.1	
	B01D	IEEE 48 Cable Termination Standard (P48)	Taylor/Norris	Hermitage B	Discuss coordination of test with IEEE 404, including shielding and sealing tests, and other items for next revision.	
	C30D	Extending the Life of Power Cables in the Field	Bobb/Bernstein	Belmont Room		
	F05W	Damped AC Voltage Testing (P400.4)	Gulski/Patterson	Two Rivers	Discussion on draft proposal P400.4 - Guide for Field-Testing Cable Systems 5 kV and above with Damped A/C Voltage (DAC)	
aneral Meeting Notes - 3/23/2010 3-Attendee Breakfast 7:00 - 8:00 AM: Plantation Lobby						

General Meeting Notes - 3/23/2010

1-Guest Breakfast, 7:30 – 9:00 AM: Old Hickory Grill Restaurant 2-Guest Meeting Space, 9:00 AM – 4:00 PM: Inquire @ ICC Registration Desk 3-Attendee Breakfast, 7:00 – 8:00 AM: Plantation Lobby 4-Breaks 10:00 – 10:30 AM, 3:15 – 3:45 PM: Plantation Lobby 5-See Bulletin Boards at Registration Area for Specifics







# **INSULATED CONDUCTORS COMMITTEE**

Spring 2010 Meeting, Nashville, TN

TUESDAY, MARCH 23, 2010 - PM SESSIONS							
TIME	GROUP	ACTIVITY	CHAIRS	ROOM	M AGENDA		
12:15 PM - 2:00PM		TRANSNATIONAL LUNCH (Must Register for This)	Boone/Argaut	McGavock A/B/C	International Meetings Announcements and Technical Presentations		
2:00 PM - 5:30 PM	С	CABLE SYSTEMS	Nishioka/Geene	Hermitage C/D	Technical Presentations		
		BRE	AKOUT WG/DG ME	TINGS			
	A19D	Covered Conductors	Campbell/Nuckles	Two Rivers	Review results of ICC member responses to Covered Cables Survey.		
	B08W	Stds. For CU and AL-Insulated Cable Connectors (P1659)	Walker/Cox	Hermitage A	Overview of first draft of guide for testing connectors used in splices and terminations.		
2:00 PM - 3:15 PM	B18W	IEEE 1215 Application Guide for Separable. Connectors	Hayes/Jankowich	Tulip Grove F	Revising current document. Assignments made at last meeting; rewrites to be reviewed.		
	D04D	Smoke/Toxicity/Corrosive Products of Cable Combustion	Durland/Vacant	Belmont Room	Compendium and assignment review/recent updates, information sources for research, future topics for discussion/presentations.		
	D05W	Station Cable Installation (P1185)	Merando/Graham	Hermitage B	Resolving Negative Comments to Recirculation Ballot #2 for P1185 D10.		
	A16D	Characteristics of EPR Cables	Cinquemani/Hayes	Two Rivers			
3:30 PM - 5:30 PM	B05W	IEEE 1300 Connection of Cables to GIS (P1300)	Uzelac/Frentzas	Hermitage A	Draft of IEEE 1300 submitted to IEEE. Awaiting comments from IEEE office.		
	D03D	Guide for Selecting & Specifying Petro-Chem Cables (P1242)	Bow/Maldonado	Belmont Room	Revising IEEE-1242 concurrently PCIC. Compiling changes to the various sections of the Guide. Adding new Fire Safety Section to consolidate all flame and fire resistive tests. New PAR has been written and is ready for submittal to the Standards Board.		
	F01W	Guide for Field Testing and Evaluation of Shielded Cables - IEEE 400 (Omnibus)	Wen/Cote	Tulip Grove F	Continue working on guide; Writing Group to present development since Draft 5 and Working Group to review Draft 6.		

#### General Meeting Notes - 3/23/2010

1-Guest Breakfast, 7:30 – 9:00 AM: Old Hickory Grill Restaurant

2-Guest Meeting Space, 9:00 AM - 5:00 PM: Inquire @ ICC Registration Desk

3-Attendee Breakfast, 7:00 - 8:00 AM: Plantation Lobby

4-Breaks 10:00 - 10:30 AM, 3:15 - 3:45 PM:

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5-See Bulletin Boards at Registration Area for Specifics





## Spring 2010 Meeting, Nashville, TN

WEDNESDAY, MARCH 24, 2010							
TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA		
7:30 AM – 8:00 AM	Presentation Pre-load and Test – All Presenters MUST Pre-load		Richardson	Hermitage C/D	Subcommittee Presentation Loadings on ICC Computer		
8:00 AM - 12:00 PM	F	FIELD TESTING AND DIAGNOSTICS	Densley/Hampton	Hermitage C/D	Technical Presentations		
			AKOUT WG/DG MEE	TINGS			
	A07D	Selecting/Testing Jackets for Underground Cables	Caronia/Pélissou	Two Rivers			
	B02W	IEEE 404 Cable Joint Standard	Luzzi/Alibhay	Hermitage A	Ironing out details of revision A to the standard based on the past 3 years of discussion.		
8:00 AM - 10:00 AM	C24W	Temperature Monitoring of Cable Systems (P1718)	Chaaban/Grodzinski	Belmont Room	Work concluding; will ballot P1718 by year's end.		
	Ad Hoc	Mitigating Manhole Explosions	Black/Vacant	Tulip Grove F	Discuss what progress is being made to help solve the manhole event problems.		
	D16W	Qualification of Fiber Optic Cable (P1682)	Pirrong/Korash	Hermitage B			
	B19W	Cable Prep Techniques for Installing Accessories (P1816)	Crotty/Smalley	Two Rivers	PAR approved; finalize text, resolve issues, solicit drawings/ artwork. Finalize WG membership. Solicit more utility personnel.		
10:15 AM -	C11D	Submarine Cables	Parker/Orton	Hermitage A	Presentations: Update of CIGRE WG B1.32, Cable armor corrosion, and Simultaneous laying/embedding subsea cables.		
12:00 PM	C33D	Renewable Energies	Joy/Patel	Tulip Grove F			
	D10D	Class 1E Cables for Nuclear Plants (IEEE 383)	Konnik/Gwal	Hermitage B			
12:00 PM - 1:00 PM	EDUCATION LUNCH (Must Register for This)			Belle Meade	Southern BBQ Buffet Lunch		
1:00 PM - 5:00 PM	EDUCATION PROGRAM <sup>1</sup> HVDC Land and Submarine Cable Systems		Cherukupalli/ Mendelsohn	Hermitage C/D	Technical Presentations/Tutorials		

#### General Meeting Notes - 3/24/2010

1-Guest Breakfast, 7:30 – 9:00 AM: Old Hickory Grill Restaurant

2-Guest Meeting Space, 9:00 AM - 5:00 PM: Inquire @ ICC Registration Desk

3-Attendees Buffet Breakfast, 7:00 - 8:00 AM: Plantation Lobby

4-Breaks 10:00 - 10:30 AM, 2:45 - 3:15 PM: Plantation Lobby

5-See Bulletin Board at Registration Area for Specifics

<sup>&</sup>lt;sup>1</sup> 0.4 CEUs will be 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.



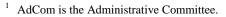




## Spring 2010 Meeting, Nashville, TN

Administrative Activities

SATURDAY, MARCH 20, 2010					
TIME	ACTIVITY	CHAIRS	ROOM		
1:00 - 2:00 PM	<b>Pre-Con Meeting with Hotel</b> (Mosier, Fitzgerald, Smith, Champion, Arnold, Hiivala, Fenger, Hotel)		Hunter's Parlor		
2:00 - 5:00 PM	Officers' Meeting - Executive Session (Mosier, Fitzgerald, Smith, Champion, Arnold, Hiivala, and Fenger)	Mosier/Smith	Cumberland		
	SUNDAY, MARCH 21, 2010				
9:00 – 11:00 AM	<b>Treasurer's Meeting</b> (Fitzgerald, Smith, Champion, Arnold)				
12:00 - 3:45 PM	AdCom <sup>1</sup> Meeting (Mosier, Fitzgerald, Kong, Walton, Champion, Yaworski, Nishioka, Geene, Spear, Konnik, Densley, Hampton, Fenger, von Herrmann, Arnold, Hiivala, Cherukupalli, Mendelsohn, Boone, Argaut, Merando)	Mosier/Smith	General Hood		
4:00 – 5:00 PM	Advisory Committee Meeting (Mosier, Fitzgerald, Smith, Champion, Pélissou, Boone, Gear, past ICC Chairs)	Boone/Pélissou	General Hood		
	MONDAY, MARCH 22, 2010				
7:00 – 7:45 AM	All Chairs Meeting (For Subcommittee, Working Group, Discussion Group, Transnational, Education, and Standards Chairs and Vice-Chairs)	Mosier/Smith	McGavock A/B		
	All Chairs Mtg. – Sub A Breakout	Kong/Walton	McGavock A/B		
	All Chairs Mtg. – Sub B Breakout	Champion/Yaworski	McGavock A/B		
7:45 – 8:00 AM	All Chairs Mtg. – Sub C Breakout	Nishioka/Geene	McGavock A/B		
	All Chairs Mtg. – Sub D Breakout	Spear/Konnik	McGavock A/B		
	All Chairs Mtg. – Sub F Breakout	Densley/Hampton	McGavock A/B		
WEDNESDAY, MARCH 24, 2010					
12:00 – 2:00 PM	AdCom Wrap-Up Meeting (Mosier, Fitzgerald, Kong, Walton, Champion, Yaworski, Nishioka, Geene, Spear, Konnik, Densley, Hampton, Fenger, von Herrmann, Arnold, Hiivala, Cherukupalli, Mendelsohn, Boone, Argaut, Merando, Pélissou)	Mosier/Smith	Oaklands		







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# **INSULATED CONDUCTORS COMMITTEE**

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