



# INSULATED CONDUCTORS COMMITTEE

Established 1947

Fall 2013 Meeting, Dallas, TX

FINAL AGENDA – 11/04/13

## Administrative Activities

SATURDAY, NOVEMBER 9, 2013			
TIME	ACTIVITY	CHAIRS	ROOM
12:00 - 2:00 PM	<b>Pre-Con Meeting with Hotel</b> (Smith, Mosier, Champion, Frenzas, Arnold, Hiivala, Fenger, Hotel)	Smith/Champion	Arts District 7
2:00 - 5:00 PM	<b>ExCom<sup>1</sup> Meeting - Executive Session</b> (Smith, Mosier, Champion, Frenzas, Arnold, Hiivala, and Fenger)	Smith/Champion	Arts District 7
SUNDAY, NOVEMBER 10, 2013			
9:00 – 11:00AM	<b>Treasurer's Meeting</b> (Mosier, Champion, Arnold)	Champion	Arts District 7
12:00 - 3:45PM	<b>AdCom<sup>2</sup> Opening Meeting</b> (Smith, Mosier, Champion, Arnold, Hiivala, Fenger, Kong, Walton, Bader, Szyszko, Geene, Frenzas, Konnik, Maldonado, Hampton, Côté, Boone, Smalley, Petzold, Mendelsohn, Tirinzoni, Merando, von Herrmann, Orton)	Smith/Champion	Arts District 7
4:00 – 5:00PM	<b>Advisory Committee Meeting</b> (Boone, Smalley, Smith, Champion, Frenzas, Boone, Gear, Orton, past ICC Chairs)	Boone/Smalley	Arts District 7
MONDAY, NOVEMBER 11, 2013			
7:00 – 7:45AM	<b>All Chairs Meeting</b> (Subcommittee, Working Group, Discussion Group, Transnational, Education, and Standards: Chairs and Vice-Chairs)	Smith/Champion	Trinity 5 (Operational announcements for meeting.)
7:45 – 8:00AM	All Chairs Mtg. – Sub A Breakout	Kong/Walton	Trinity 5
	All Chairs Mtg. – Sub B Breakout	Bader/Szyszko	Trinity 5
	All Chairs Mtg. – Sub C Breakout	Geene/Frenzas	Trinity 4
	All Chairs Mtg. – Sub D Breakout	Konnik/Maldonado	Trinity 4
	All Chairs Mtg. – Sub F Breakout	Hampton/Côté	Trinity 1
	All Chairs Mtg. – Sub G Breakout	Boone/Petzold	Trinity 1
TUESDAY, NOVEMBER 12, 2013			
7:00 – 7:45AM	<b>All Chairs Meeting</b> (Subcommittee, Working Group, Discussion Group, Transnational, Education, and Standards: Chairs and Vice-Chairs)	Hiivala/Merando	Trinity 5 (Training on Robert's Rules of Order)
WEDNESDAY, NOVEMBER 13, 2013			
11:00 AM – 12:00 PM	<b>AdCom Wrap-Up Meeting</b> (Smith, Mosier, Champion, Arnold, Hiivala, Fenger, Kong, Walton, Bader, Szyszko, Geene, Frenzas, Konnik, Maldonado, Hampton, Côté, Boone, Smalley, Petzold, Mendelsohn, Tirinzoni, Merando, von Herrmann, Orton, Smalley)	Smith/Champion	Arts District 7

<sup>1</sup> ExCom is the Executive Committee.

<sup>2</sup> AdCom is the Administrative Committee.



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## Fall 2013 Meeting, Dallas, TX ICC MEETING SCHEDULE

FINAL AGENDA – 11/04/13

SUNDAY, NOVEMBER 10, 2013			
TIME	ACTIVITY	CHAIRS	ROOM
12:30 – 4:00PM	<b>Registration</b> (On-Site Registration & Registration Package Pickup)	<b>Arnold/B. Taylor</b>	<b>Trinity Foyer</b>
4:00 – 4:30PM	<b>Insulated Conductors Committee ORIENTATION</b> <b>Are you new? Come and learn about the ICC, meet some new people, and maybe get some ICC SWAG.</b>	<b>R. Mosier</b>	<b>Arts District 2</b>
12:30 – 5:00PM	<b>Table Top Displays</b>		<b>Trinity Foyer</b>
5:00 – 7:00PM	<b>RECEPTION – All Attendees</b>		<b>Trinity 3-5</b>

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



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## Fall 2013 Meeting, Dallas, TX ICC MEETING SCHEDULE

FINAL AGENDA – 11/04/13

### MONDAY, NOVEMBER 11, 2013 - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM - 12:00 PM		<b>Registration</b>	<b>Arnold</b>	Trinity Foyer	<b>On-Site Registration &amp; Registration Package Pickup</b>
7:00 AM - 8:00 AM		<b>All Chairs Meeting</b> (For Subcommittee, WG, DG, Education, Communications, and Standards Chairs & Vice-Chairs)	<b>Smith/Champion</b>	Trinity 5	<b>ICC Meeting, Subcommittee, WG/DG Operational Announcements</b>
7:00 AM – 8:15 AM		<b>Presentation Pre-load and Test</b> All Presenters MUST Pre-load	<b>T. Richardson</b>	Trinity 6-8	<b>Subcommittee presentation loadings on ICC Computer</b>
7:30 AM - 5:30 PM		<b>Table Top Displays</b>		Trinity Foyer	<b>Product/Services Exhibitions</b>
8:15 AM - 9:00 AM		<b>OPENING SESSION</b> All Attendees	<b>Smith/Champion</b>	Trinity 6-8	<b>ICC Meeting Announcements, IEEE, PES &amp; ICC Awards</b>
9:15 AM - 12:30 PM	<b>C</b>	<b>CABLE SYSTEMS</b>	<b>Geene/Frentzas</b>	Trinity 6-8	<b>Technical Presentations</b>
<b>BREAKOUT WG/DG MEETINGS<sup>1</sup></b>					
9:15 AM - 10:15 AM	<b>A10D</b>	Conductors	Joy/Luke	<b>Arts District 1</b>	Powerpoint presentations on conductors in transmission technology.
	<b>B01D</b>	Cable Termination Standard (48)	B.Taylor/Norris	<b>Arts District 2</b>	Work on revision of document to coordinate with IEEE 404 and IEEE 1637.
	<b>B12D</b>	Guide for Investigating & Analyzing Cable and Accessory Failures (1511.2)	Jasek/Ayers	<b>Arts District 4</b>	Group will review progress to date on proposed Guide 1511.2.
	<b>D03W</b>	Select/Specify Petro-Chem Cables (1242)	Maldonado/Bow	<b>Arts District 5</b>	Continue work on revision of the guide.
	<b>D05W</b>	Guide for Installation Methods for Generating Station Cables (1185)	Merando/Graham	<b>Arts District 6</b>	Continue to develop white paper on cable bend radius issues at nuclear plants.
10:30 AM - 12:30 PM	<b>A08W</b>	Compatibility of Cable Jackets and Pulling Compounds (1210)	McAuliffe/Vacant	<b>Arts District 1</b>	Review responses from recent ballot.
	<b>B19W</b>	Cable Prep Techniques for Installing Accessories (1816)	Crotty/Smalley	<b>Arts District 2</b>	Look into all of the suggested topics that were tabled during the original WG.
				<b>Arts District 4</b>	
	<b>D18W</b>	Installation Guide for Fire-Rated Circuit Integrity Cables in Petro & Chem Industries (1810)	Shoshani/Bayer	<b>Arts District 5</b>	Develop the grounding of an armored fire rated cable & splicing of fire rated cables in the fire zone.
	<b>F05W</b>	Damped AC Voltage Testing (400.4)	Gulski/Patterson	<b>Arts District 6</b>	Discussion of draft document.

<sup>1</sup> 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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## Fall 2013 Meeting, Dallas, TX ICC MEETING SCHEDULE

FINAL AGENDA – 11/04/13

### MONDAY, NOVEMBER 11, 2013 - PM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:30 PM - 2:00 PM		<b>NETWORKING LUNCHEON (Must Register for This)</b>	Orton/Champion	Trinity 3	Individual Professional Networking; Invitational Presentations
2:00 PM - 5:30 PM	F	<b>FIELD TESTING AND DIAGNOSTICS</b>	Hampton/Côté	Trinity 6-8	Technical Presentations
<b>BREAKOUT WG/DG MEETINGS</b>					
2:00 PM - 3:15 PM	A19D	Covered Conductors	Campbell/Nuckles	Arts District 1	Continue defining PAR for the covered conductor guide.
	B03D	Exposed Semi-Con Shields Test (592)	Richardson/Kamel	Arts District 2	Continue the discussion on revision of IEEE 592.
	B06W	Connection of Surge Arresters to Protect Insulated Shielded Cable Systems (1299 / C62.22.1)	Jibril/Makal	Arts District 4	Update status of current document, start discussion on next revision.
	C35D	Sheath Bonding Multi-Conductor/Parallel Circuits	Chaaban/Grodzinski	Arts District 5	Discussion and presentation on the impact of ampacity on current distribution unbalance in multi-cables per phase installations.
	Sub D Ad Hoc	Guide For Fire Protection Cables For Transit Subway, Tunnels and Stations	Conrad/Vacant	Arts District 6	Develop scope, purpose and need for PAR.
3:30 PM - 5:30 PM	A06D	Accelerated Electrical Aging	Wald/Caronia	Arts District 1	Discussion on parameters that influence accelerated electrical aging.
	B16W	Separable Connector Standard (386)	Wall/Wentzel	Arts District 2	Discussion on revision of Annex B, partial vacuum test.
	C25W	Soil Thermal Resistivity (442)	Patel/Cherukupalli	Arts District 4	Working to update current standard.
	Sub C Ad Hoc	HVDC Cable Systems	Lindsay	Arts District 5	Discussion of HVDC cable system technology, applications and integration into the AC grid.
	D10W	Class 1E Nuclear Plant Cables (383)	Konnik/Gwal	Arts District 6	Finalize comments and get ready to ballot document.

#### General Meeting Notes – Monday, 11/11/2013

- 1-Guest/Spouse Breakfast, 8:00 – 9:30AM: Room: West End
- 2-Guest/Spouse Meeting Space (Hospitality), 9:30AM – 5:30PM: Room: #1964
- 3-ICC Attendee Breakfast, 7:00 – 8:00AM, Room: Trinity 2-3
- 4- Breaks 10:15 – 10:45 AM, 3:15 – 3:45PM, Room: Trinity Foyer
- 5-See Bulletin Boards at Registration Area for Specifics



# INSULATED CONDUCTORS COMMITTEE

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## Fall 2013 Meeting, Dallas, TX ICC MEETING SCHEDULE

FINAL AGENDA – 11/04/13

### TUESDAY, NOVEMBER 12, 2013 - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM - 11:00 AM		<b>Registration</b>	<b>Arnold</b>	<b>Trinity Foyer</b>	<b>On-Site Registration</b>
7:00 AM – 8:00 AM		<b>Presentation Pre-load and Test</b> All Presenters MUST Pre-load	<b>T. Richardson</b>	<b>Trinity 6-8</b>	<b>Subcommittee presentation loadings on ICC Computer</b>
7:00 AM - 8:00 AM		<b>All Chairs Meeting</b> (For Subcommittee, WG, DG, Education, Communications, and Standards Chairs & Vice-Chairs)	<b>Smith/Champion</b>	<b>Trinity 5</b>	<b>Training and review of Robert's Rules of Order for operation of meetings.</b>
7:30 AM - 5:30 PM		<b>Table Top Displays</b>		<b>Trinity Foyer</b>	<b>Product/Services Exhibitions</b>
8:00 AM – 12:00 PM	<b>A</b>	<b>CABLE CONSTRUCTION &amp; DESIGN</b>	<b>Kong/Walton</b>	<b>Trinity 6-8</b>	<b>Technical Presentations</b>
<b>BREAKOUT WG/DG MEETINGS</b>					
8:00 AM - 10:00 AM	<b>B10D</b>	Guide for Cable Terminations (1637)	B.Taylor/Jibril	<b>Arts District 1</b>	Continue discussion of submissions for various guide sections covering applications.
	<b>C13D</b>	Installation of Cables Using Trenchless Techniques	Williams/Goyette	<b>Arts District 2</b>	Presentation(s) on projects using trenchless methods and work on white paper.
	<b>C20W</b>	Soil Thermal Stability (1813)	Patel/Campbell	<b>Arts District 4</b>	Discussion on North American and European methods for testing thermal stability.
	<b>D19W</b>	Procedure for Determining Integrity Performance of Fire Resistive Cables in Nuclear Facilities (1844)	G.Taylor/Shoshani	<b>Arts District 5</b>	Continue to develop draft standard P1844.
	<b>F10D</b>	Diagnostic Testing for Cable Joints & Terminations	Jiang/Hayden	<b>Arts District 6</b>	Presentation and discussion of diagnostic testing of cable accessories.
10:15 AM - 12:00 PM	<b>B05W</b>	Connection of Cables to GIS (1300)	Frentzas/Whiteside	<b>Arts District 1</b>	Discussions and update on current CIGRE work regarding cable connections to GIS.
	<b>B21D</b>	Application Guide for Cable Joints (new)	McLaughlin/Campbell	<b>Arts District 2</b>	Demonstration of tape wrapped joint, introduction to "push-on" joints.
	<b>C01D</b>	Ampacity Topics (835)	Purnhagen/Goyette	<b>Arts District 4</b>	Status update on P835, presentation on AC Losses of Cables in Steel Casings.
	<b>C30W</b>	Life Extension of Power Cables in the Field (1879)	Bernstein/Piteo	<b>Arts District 5</b>	Discuss & approve changes to guide proposed by the writing committee.
	<b>D15W</b>	Flame Propagation Testing (1202)	Hills/G.Taylor	<b>Arts District 6</b>	Discuss possible changed to incorporate into the standard.

#### General Meeting Notes – Tuesday, 11/12/2013

1-Guest/Spouse Breakfast, 8:00 – 9:30AM, Room: West End

2-Guest/Spouse Meeting Space (Hospitality), 9:30AM – 5:30PM, Room: #1964

3-Attendee Breakfast, 7:00 – 8:00AM, Room: Trinity 2-3

4-ICC Attendee Breaks 9:45 – 10:15AM, 3:00 – 3:30PM, Room: Trinity Foyer

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### TUESDAY, NOVEMBER 12, 2013 - PM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
12:15 PM - 2:00PM	G	<b>TRANSNATIONAL LUNCHEON</b> <i>(Must Register for This)</i>	Boone/Petzold	Trinity 2-3	International Meetings Announcements and Technical Presentations
2:00 PM - 5:30 PM	B	<b>CABLE ACCESSORIES</b>	Bader/Szyszk	Trinity 6-8	Technical Presentations
<b>BREAKOUT WG/DG MEETINGS</b>					
2:00 PM - 3:15 PM	A07D	Selecting/Testing Jackets for Underground Cables (532)	Caronia/Joseph	Arts District 1	IEEE 532 is scheduled for revision in 2018. Topics covered will be development of a PAR, project scope and project purpose and to solicit working group members.
	C03D	Magnetic Fields of UG Cables	Hunt/Vacant	Arts District 2	Discuss health effects research, public process activities, EMF regulations, and design choices that affect magnetic fields.
	C05W	Guide to the Use of Gas-in-Fluid Analysis for Electric Power Cable Systems (1406)	Purnhagen/Johnson	Arts District 4	Finalize the new title, scope, & purpose to obtain PAR. Identify changes needed in 1406.
	D04D	Smoke, Toxicity and Corrosive Products of Cable Combustion	Durland/Vacant	Arts District 5	Updating the Compendium for D04D and relevant discussion topics.
	G10D	International Organizations	Zenger/Orton	Arts District 6	Update of SC B1 meeting, Cigre report on Performance of XLPE HV accessories, Search tool for Cigre cable reports, IEC activities.
3:30 PM - 5:30 PM	A16D	Characteristics of EPR Cables	Hayes/Fleming	Trinity 4	Combined meeting with D20D (see below).
	C31D	HPFF/HPGF Pipe Type Cable Systems	Frentzas/Mueller	Arts District 2	Technical presentations and discussions on HPFF & HPGF pipe type cable systems.
	C33D	Renewable Energies	Joy/Patel	Arts District 4	Renewable energy issues in programs getting started with utilities.
	D20D	Submergence Testing of Nuclear Facilities Cables	Depriest/Fleming	Trinity 4	Presentation "A Technical Review of the History and Formulation of MV EPR Cable Insulation." Development of white paper.
	F04W	Partial Discharge Testing in the Field (400.3)	Levine/Walton	Arts District 6	Review document contributions on various topics.

#### General Meeting Notes – Tuesday, 11/12/2013

- 1-Guest/Spouse Breakfast, 8:00 – 9:30AM, Room: West End
- 2-Guest/Spouse Meeting Space (Hospitality), 9:30 AM – 5:30PM, Room: #1964
- 3-Attendee Breakfast, 7:00 – 8:00AM, Room: Trinity 2-3
- 4-ICC Attendee Breaks 9:45 – 10:15AM, 3:00 – 3:30PM, Room: Trinity Foyer
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## Fall 2013 Meeting, Dallas, TX ICC MEETING SCHEDULE

FINAL AGENDA – 11/04/13

### WEDNESDAY, NOVEMBER 13, 2013 - AM SESSIONS

TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA
7:00 AM – 8:00 AM		<b>Presentation Pre-load and Test –</b> All Presenters MUST Pre-load	<b>T. Richardson</b>	Trinity 6-8	Subcommittee Presentation Loadings on ICC Computer
8:00 AM - 12:00 PM	<b>D</b>	<b>GENERATING STATION AND INDUSTRIAL CABLES</b>	<b>Konnik/Maldonado</b>	Trinity 6-8	<b>Technical Presentations</b>
<b>BREAKOUT WG/DG MEETINGS</b>					
8:00AM – 10:00AM	<b>A20D</b>	Low Voltage Cable Systems Rated $\leq 600V$	Wen/Flenniken	<b>Arts District 1</b>	Review Spring 2013 meeting minutes and presentations.
	<b>B02W</b>	Cable Joint Standard (404)	Madden/Jovanovic	<b>Arts District 2</b>	Continue discussion on connector requirements, family of joint definitions and other topics.
	<b>C11D</b>	Submarine Cables (1120)	Orton/Campilii	<b>Arts District 4</b>	Discussion on installation and testing of submarine cables.
	<b>C34D</b>	Mitigating Manhole Explosions	Black/Côté	<b>Arts District 5</b>	Further discussion of white paper and composition of utility survey on manhole events.
	<b>F11D</b>	Constant Voltage AC Field Testing of Cable Systems	Fenger/Denmon	<b>Arts District 6</b>	Discussions on the influence of voltage level, duration and frequency on withstand testing
10:15 AM - 12:00 PM	<b>A14D</b>	Power Cable Standards	Smalley/Richardson	<b>Arts District 1</b>	AEIC and ICEA updates. Presentation on insulation shield stripping.
	<b>B16W</b>	Separable Connector Standard (386)	Wall/Wentzel	<b>Arts District 2</b>	Discussion on revision of the main 386 document.
	<b>B17W</b>	Guide for Faulted Circuit Indicators (1610)	Angerer/Reed-Harmel	<b>Arts District 4</b>	Final review of P1610 to prepare for ballot.
	<b>C29W</b>	Induced Voltage Work Procedures (1727)	Kong/Argaut	<b>Arts District 5</b>	Discussion on future work areas.
	<b>C36D</b>	Real-Time Dynamic Current Rating	Grodzinski/Chaaban	<b>Arts District 6</b>	Discussion on contents of the guide.
12:00 PM - 1:00 PM	<b>EDUCATIONAL LUNCHEON and Technical Tour</b> <i>(Must Register for This)</i>			<b>Meet in Hotel Lobby</b>	<b>Buffet Lunch included during Educational Program</b>
1:00 PM - 5:00 PM	<b>EDUCATIONAL PROGRAM<sup>1</sup></b>		<b>Mendelsohn/ Tirinzone</b>	<b>Meet in Hotel Lobby</b>	<b>TECHNICAL TOUR: AT&amp;T (Dallas Cowboy's) Stadium Electrical Distribution System</b>

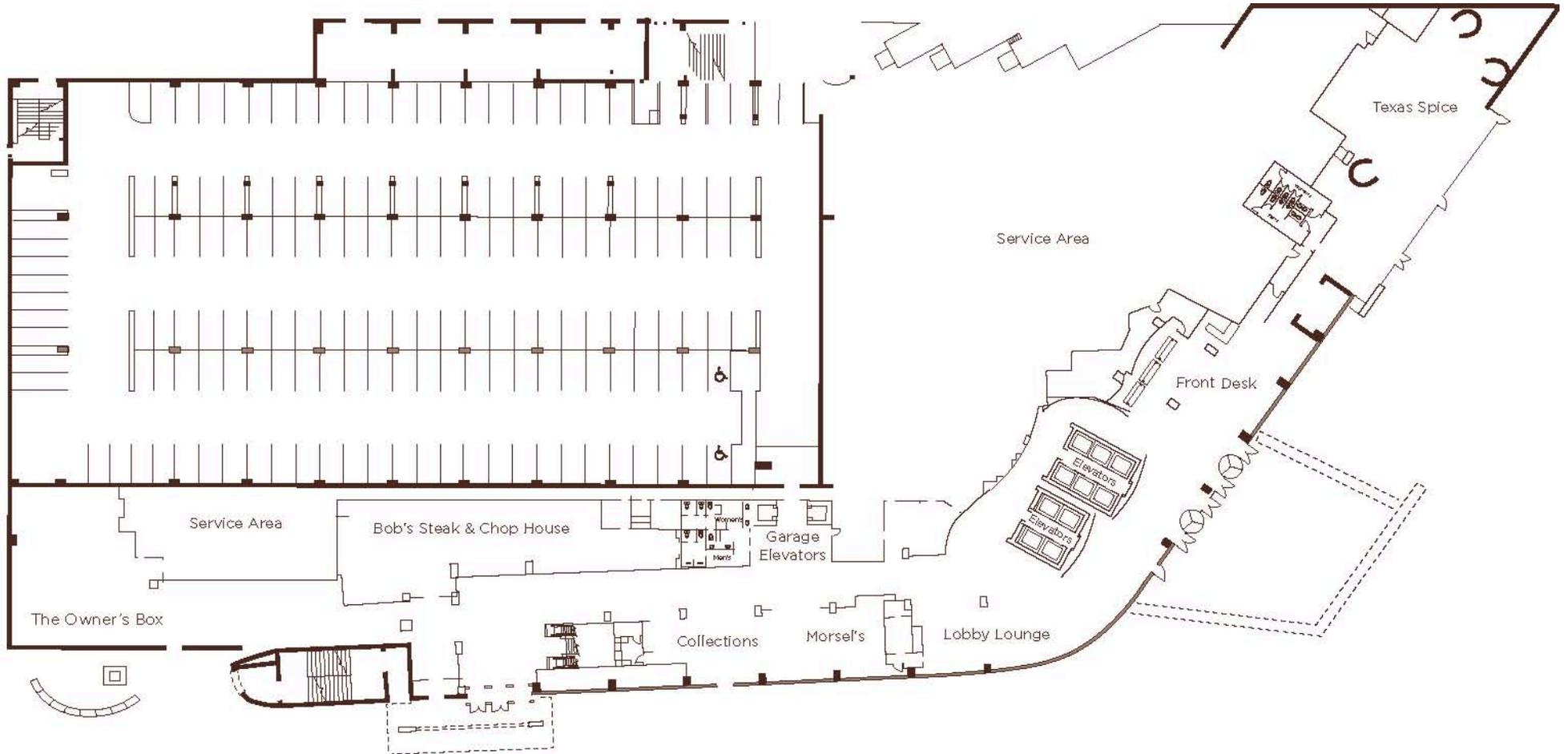
#### General Meeting Notes – Wednesday, 11/13/2013

- 1-Guest/Spouse Breakfast, 8:00 – 9:30AM, Room: West End
- 2-Guest/Spouse Meeting Space (Hospitality), 9:30AM – 5:30PM, Room: #1964
- 3-Attendee Breakfast, 7:00 – 8:00AM, Room: Trinity 2-3
- 4-ICC Attendee Breaks 9:45 – 10:15AM, Room: Trinity Foyer
- 5-See Bulletin Board at Registration Area for Specifics

<sup>1</sup> 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.



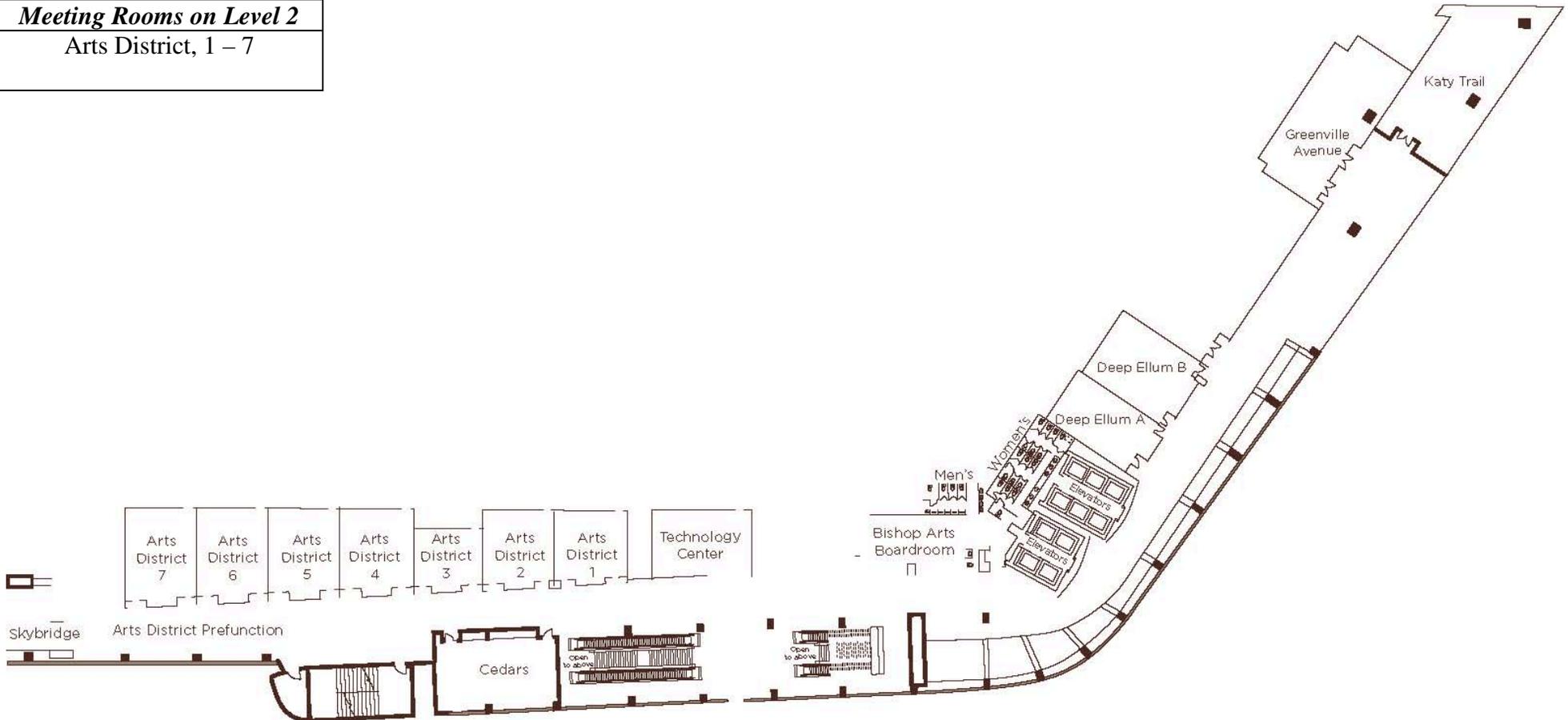
**Lobby Area Layout  
LEVEL 1**





**Fall 2013 Meeting, Dallas, TX  
Meeting Rooms Layout  
LEVEL 2**

*Meeting Rooms on Level 2*  
Arts District, 1 – 7



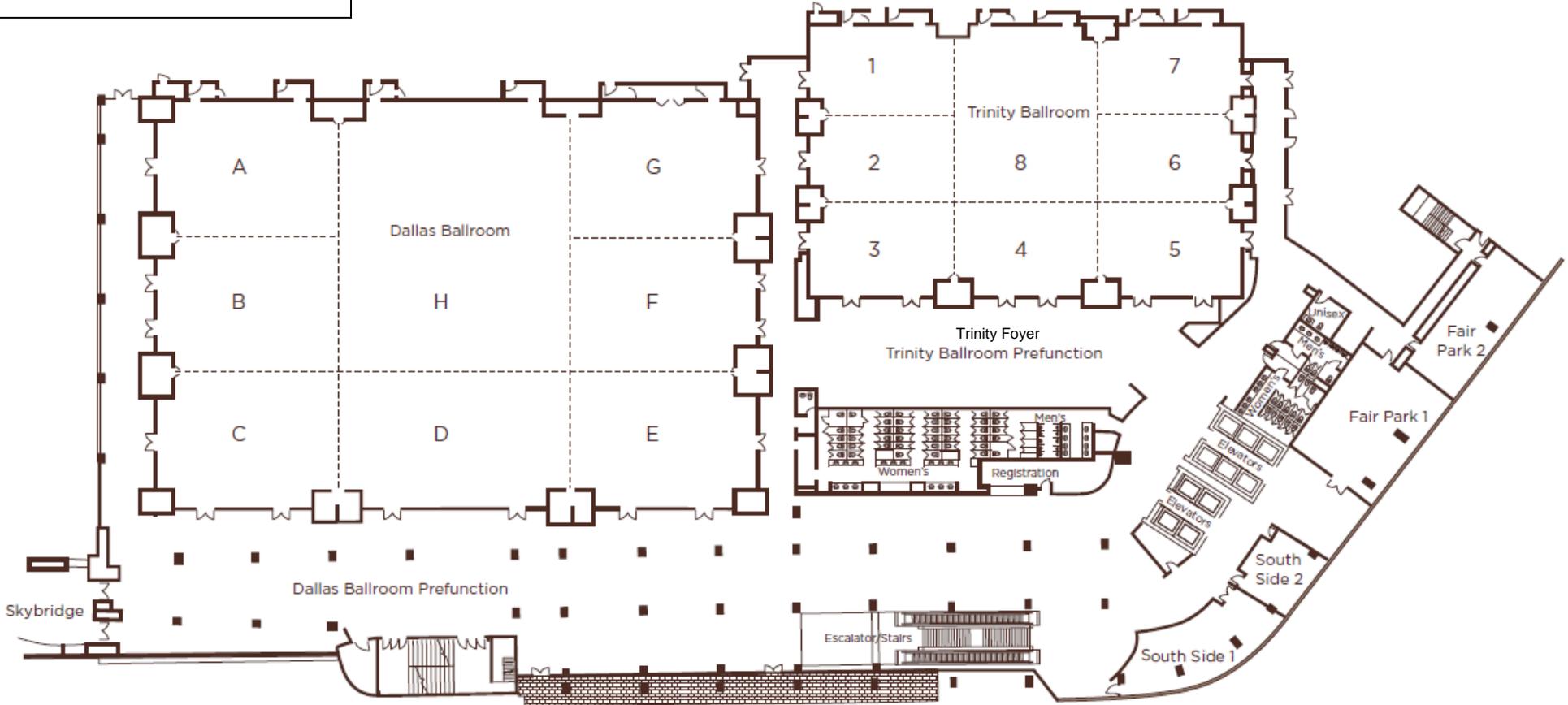


Fall 2013 Meeting, Dallas, TX  
Meeting Rooms Layout

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LEVEL 3

*Meeting Rooms on Level 3*  
Trinity Ballrooms 1 – 8





**Fall 2013 Meeting, Dallas, TX  
Meeting Rooms Layout**

**FINAL AGENDA – 11/04/13**

**LEVEL 5**

<b><i>Meeting Rooms on Level 5</i></b>
West End: Guest/Spouse Breakfast

