

Fall 2014 Meeting, Colorado Springs, CO <u>Administrative Activities</u>

FINAL AGENDA - 09/23/14

SATURDAY, OCTOBER 4, 2014						
TIME	ACTIVITY	CHAIRS	ROOM			
12:00 - 2:00 PM	Pre-Con Meeting with Hotel (Champion, Frentzas, Bascom, Smith, Arnold, Hiivala, Wentzel, Hotel)	Champion / Frentzas	Boardroom Conference Level			
2:00 - 5:00 PM	ExCom ¹ Meeting - Executive Session (Champion, Frentzas, Bascom, Smith, Arnold, Hiivala, and Wentzel)	Champion / Frentzas	Boardroom Conference Level			
	SUNDAY, OCTOBER 5, 2	014				
9:00 – 11:00AM	Treasurer's Meeting - (Frentzas, Smith, Bascom, Arnold)	Frentzas	Boardroom Conference Level			
12:00 - 3:45PM	AdCom ² Opening Meeting - (Champion, Frentzas, Smith, Bascom, Arnold, Hiivala, Fenger, Walton, Bader, Mueller, Szyszko, Geene, DePriest, Maldonado, Fenger, Cherukupalli, Smalley, Gulski, Mosier, Petzold, Tirinzoni, Merando, Madden, von Herrmann, Orton, Wen, Wentzel)	Champion / Frentzas	Gunnison Conference Level			
4:00 – 5:00PM	Advisory Committee Meeting - (Smalley, Madden, Smith, Champion, Frentzas, Bascom, Gear, Orton, past ICC Chairs)	Smalley / Madden	Gunnison Conference Level			
	MONDAY, OCTOBER 6, 2	2014				
7:00 – 7:45AM	All Chairs Meeting - (Subcommittee, Working Group, Discussion Group, Transnational, Education, and Standards: Chairs and Vice-Chairs)	Champion / Frentzas	Remington - Main Level (Operational announcements for meeting.)			
	All Chairs Mtg. – Sub A Breakout	Walton / Wen	White River 1 - Conference Level			
	All Chairs Mtg. – Sub B Breakout	Bader / Szyszko	White River 2 - Conference Level			
7:45 – 8:00AM	All Chairs Mtg. – Sub C Breakout	Geene / Mueller	Arkansas - Conference Level			
7.45 - 6.00AW	All Chairs Mtg. – Sub D Breakout	Maldonado / Depriest	Platte - Conference Level			
	All Chairs Mtg. – Sub F Breakout	Fenger / Cherukupalli	Rio Grande / Gunnison - Conference Level			
	All Chairs Mtg. – Sub G Breakout	Petzold / Gulski	Centennial 1 - Main Level			
	TUESDAY, OCTOBER 7, 2	2014				
7:00 – 7:45AM	All Chairs Meeting - (Subcommittee, Working Group, Discussion Group, Transnational, Education, and Standards: Chairs and Vice-Chairs)	Hiivala	Remington – Main Level (Training on IEEE Policies and Procedures for Working / Discussion Groups)			
WEDNESDAY, OCTOBER 8, 2014						
7:00 – 7:45AM	All Chairs Meeting - (Subcommittee, Working Group, Discussion Group, Transnational, Education, and Standards: Chairs and Vice-Chairs)	Hiivala	Remington – Main Level (Training on Roberts Rules of Order for Working and Discussion Groups.)			
12:00 PM – 2:00 PM	AdCom Wrap-Up Meeting - (Champion, Frentzas, Bascom, Smith, Arnold, Hiivala, Fenger, Walton, Bader, Mueller, Szyszko, Geene, DePriest, Maldonado, Fenger, Cherukupalli, Smalley, Gulski, Mosier, Petzold, Tirinzoni, Merando, Madden, von Herrmann, Orton, Wen, Wentzel)	Champion / Frentzas	Centennial 2 Main Level			

¹ ExCom is the Executive Committee.

AdCom is the Administrative Committee.







Fall 2014 Meeting, Colorado Springs, CO ICC MEETING SCHEDULE

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SUNDAY, OCTOBER 5, 2014					
TIME	ACTIVITY	ROOM			
12:30 – 4:00PM	Registration (On-Site Registration & Registration Package Pickup) Arnold / B. Taylor		Lower Lobby Main Level		
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.	Arapahoe Conference Level			
4:00 – 5:00PM	Women in Engineering Social Network with other women engaged in the engineer profession. This is an organizing meeting to determine the level of interest within the group. Mosier / Flenniken		Remington 1 Main Level		
12:30 – 5:00PM	Table Top Displays	Colorado Foyer Conference Level			
5:00 – 7:00PM	RECEPTION – All Attendees	Centennial Ballroom Main Level			

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







Fall 2014 Meeting, Colorado Springs, CO ICC MEETING SCHEDULE

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MONDAY, OCTOBER 6, 2014 - AM SESSIONS						
TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA	
7:00 AM - 12:00 PM	Registration		Arnold	Lower Lobby Main Level	On-Site Registration & Registration Package Pickup	
7:00 AM - 8:00 AM	(For Subc	All Chairs Meeting committee, WG, DG, Education, Communications, and Standards Chairs & Vice-Chairs)	Champion / Frentzas	Remington Main Level	ICC Meeting, Subcommittee, WG/DG Operational Announcements	
7:00 AM – 8:00 AM		Presentation Pre-load and Test All Presenters MUST Pre-load	T. Richardson	Colorado Ballroom Conference Level	Subcommittee presentation loadings on ICC Computer	
7:30 AM - 5:30 PM		Table Top Displays		Colorado Foyer Conference Level	Product/Services Exhibitions	
8:00 AM - 9:00 AM		OPENING SESSION All Attendees	Champion/ Frentzas	Colorado Ballroom Conference Level	ICC Meeting Announcements, IEEE, PES & ICC Awards	
9:15 AM - 12:30 PM	В	CABLE ACCESSORIES	Bader / Szyszko	Colorado Ballroom Conference Level	Technical Presentations	
	•	BRE	AKOUT WG/DG MEET	TINGS ¹		
	A07W	Selecting/Testing Jackets for Underground Cables (532)	Caronia / Joseph	White River 1 Conference Level	Review the writing group status on revising IEEE 532.	
	C34D	Mitigating Manhole Explosions	Black / Vacant	White River 2 Conference Level	Further discussion of White Paper.	
9:15 AM - 10:15 AM	C Ad Hoc	HVDC Cable Systems	Lindsay / Vacant	Arkansas Conference Level	Presentations and discussion on HVDC cable technology, insulation materials and projects.	
	D Ad Hoc	Cables For Hazardous Locations in Petrochemical Plants	Laudicina / Vacant	Rio Grande / Gunnison Conference Level	Develop PAR for new standard.	
	G10D	International Organizations	Zenger / Orton	Platte Conference Level	Update from Cigre Session 2014 in Paris and on US Cigre activities. Joint WG activities.	
	A10D	Conductors	Joy / Luke	White River 1 Conference Level	Presentations relating to underground conductor design and analysis.	
10:30 AM - 12:30 PM	C30W	Life Extension of Power Cables in the Field (1879)	Bernstein / Piteo	White River 2 Conference Level	Review progress in developing Guide Draft 8.	
	C31D	HPFF/HPGF Pipe Type Cable Systems	Mueller / Koonce	Arkansas Conference Level	Presentations and open discussions on pipe- type cable systems and projects.	
	D20D	Submergence Testing of Nuclear Facilities Cables	Depriest / Fleming	Rio Grande / Gunnison Conference Level	Continued discussion of a nuclear cable identification and selection guide.	
	F04W	Partial Discharge Testing in the Field (400.3)	Levine / Walton	Platte Conference Level	Further discussion on test voltages.	

Breakout Working Group (WG) and Discussion Group (DG) meetings are held concurrent with Subcomittee Sessions, in different rooms as noted. Groups ending with a "W" (e.g. D11W) are working groups, with an active PAR 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, subcommittee, discussion group, and working group meetings.



Power & Energy Society**

http://www.pesicc.org/



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MONDAY, OCTOBER 6, 2014 - PM SESSIONS						
TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA	
12:30 PM - 2:00 PM	NETWORKING LUNCHEON (Must Register for This)		Orton / Boone	Remington Main Level	Individual Professional Networking; Invitational Presentations	
2:00 PM - 5:30 PM	D	GENERATING STATION AND INDUSTRIAL CABLES	Maldonado / Depriest	Colorado Ballroom Conference Level	Technical Presentations	
		В	REAKOUT WG/DG M	EETINGS		
	A20D	Low Voltage Cable Systems Rated ≤ 600V	Flenniken / Brigandi	White River 1 Conference Level	General discussion on low voltage cable system issues.	
	B02D	Cable Joint Standard (404)	Madden / Jovanovic	White River 2 Conference Level	Continuing discussion on IEEE 404 / 48 Harmonization Proposal.	
2:00 PM - 3:15 PM	C05W	Guide to the Use of Gas-in-Fluid Analysis for Electric Power Cable Systems (1406)	Purnhagen / Johnson	Arkansas Conference Level	Continue to review and update the existing DGA guide.	
	C11D	Submarine Cables (1120)	Orton / Campilii	Rio Grande / Gunnison Conference Level	Discussion on all topics related to submarine cables.	
	F11D	Constant Voltage AC Field Testing of Cable Systems	Fenger / Denmon	Platte Conference Level	Discuss document structure and content and delegate tasks for next meeting.	
	A14D	Power Cable Standards	Smalley / Richardson	White River 1 Conference Level	Presentation on jacket absorption coefficient; updates from AEIC, ICEA, IEC, and UL.	
	B12D	Guide for Investigating & Analyzing Cable and Accessory Failures (1511.2)	Jasek / Ayers	White River 2 Conference Level	Continue discussion on what to include in guide.	
3:30 PM - 5:30 PM	B17W	Guide for Faulted Circuit Indicators (1610)	Angerer / Reed- Harmel	Arkansas Conference Level	Review and confirm changes made during telephone conference of August.	
	C29D	Induced Voltage Work Procedures (1727)	Argaut / Uddin	Rio Grande / Gunnison Conference Level	Update status of the corrigendum, actions, update about Cigre works on similar topics, new orientations for the group.	
				Platte Conference Level		

General Meeting Notes - Monday, 10/06/2014

- 1-Guest/Spouse Breakfast, 8:00 9:30AM: Room: Mountain View Restaurant, Main Level
- 2-Guest/Spouse Meeting Space (Hospitality), 9:30AM 5:30PM: Room: Shoshoni, Conference Level
- 3-ICC Attendee Breakfast, 7:00 8:00AM, Room: Centennial 2/3, Main Level
- 4- Breaks 10:00 10:30 AM, 3:00 3:30 PM, Room: Colorado Foyer, Conference Level
- 5-See Bulletin Boards at Registration Area for Specifics







Fall 2014 Meeting, Colorado Springs, CO ICC MEETING SCHEDULE

FINAL AGENDA - 09/23/14

TUESDAY, OCTOBER 7, 2014 - AM SESSIONS						
TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA	
7:00 AM - 11:00 AM	Registration		Arnold	Lower Lobby Main Level	On-Site Registration	
7:00 AM – 8:00 AM		Presentation Pre-load and Test All Presenters MUST Pre-load	T. Richardson	Colorado Ballroom Conference Level	Subcommittee presentation loadings on ICC Computer	
7:00 AM - 8:00 AM	(For Subc	All Chairs Meeting committee, WG, DG, Education, Communications, and Standards Chairs & Vice-Chairs)	Hiivala	Remington Main Level	Training on IEEE Policies and Procedures for Working / Discussion Groups.	
7:30 AM - 5:30 PM		Table Top Displays		Colorado Foyer Conference Level	Product/Services Exhibitions	
8:00 AM – 12:00 PM	С	CABLE SYSTEMS	Geene / Mueller	Colorado Ballroom Conference Level	Technical Presentations	
		BRE	AKOUT WG/DG MEE	TINGS		
	A16D	Characteristics of EPR Cables	Hayes / Fleming	White River 1 Conference Level	2 presentations, one by MLG&Water on their evaluation of 24 year old field aged cable and one by GC on EAM insulated cables.	
8:00 AM -	B09D	Guide for Cable Cleaning Solvents (1493)	Lauxman / Fosse	White River 2 Conference Level	Presentation by LPS Labs on citrus based cleaners for cables and accessories.	
10:00 AM	B10D	Guide for Cable Terminations (1637)	B. Taylor / Jibril	Arkansas Conference Level	Finalizing scope so a PAR can be submitted and reviewing submissions for the guide.	
	D01D / D03D	Shipboard Cable Systems / Select/Specify Petro-Chem Cables (1242)	Maldonado / Bow	Rio Grande / Gunnison Conference Level	Work on IEEE-45.8 Shipboard-Cable Systems / Resolve balloting comments.	
				Platte Conference Level		
	A08D	Tests for Compatibility of Cable Pulling Lubricants with Wire & Cable (1210)	McAuliffe / Vacant	White River 1 Conference Level	Begin preparation for PAR to revise Standard 1210.	
40 45 45	B16W	Separable Insulated Connectors (386)	Wall / Faulkenberry	White River 2 Conference Level	Review the latest draft revision of IEEE 386.	
10:15 AM -	D18W	Installation Guide for Fire-Rated Circuit Integrity Cables in Petro & Chem Industries (1810)	Shoshani / Bayer	Arkansas Conference Level	Review draft 4.1, discussion about cable tray support distance.	
12:00 PM	E Ad Hoc	Impact of New Technologies & Economic Issues on ICC and Our Industry	Champion/Frentzas	Rio Grande / Gunnison Conference Level	Continue discussion from previous meeting, develop plan for adapting to change.	
	F07D	Guide on Neutral Corrosion in MV Underground Cables (1617)	Buchholz / Vacant	Platte Conference Level	Discuss shield/neutral corrosion and the possibility of writing a new guide to include jacketed and unjacketed cables.	

General Meeting Notes – Tuesday, 10/07/2014
1-Guest/Spouse Breakfast, 8:00 – 9:30AM, Room: Mountain View Restaurant, Main Level

2-Guest/Spouse Meeting Space (Hospitality), 9:30AM – 5:30PM, Room: Shoshoni, Conference Level 3-Attendee Breakfast, 7:00 – 8:00AM, Room: Centennial 2/3, Main Level

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

5-See Bulletin Boards at Registration Area for Specifics







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TUESDAY, OCTOBER 7, 2014 - PM SESSIONS						
TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA	
12:15 PM - 2:00PM	G	TRANSNATIONAL LUNCHEON (Must Register for This)	Petzold / Gulski	Remington Main Level	International Meetings Announcements and Technical	
2:00 PM - 5:30 PM	F	FIELD TESTING AND DIAGNOSTICS	Fenger / Cherukupalli	Colorado Ballroom Conference Level	Technical Presentations	
		BRE	AKOUT WG/DG MEE	TINGS		
	A13D	Accelerated Aging Tests for 5-35 kV Extruded Cables using Water-filled Tanks (1407)	Walton / Vacant	White River 1 Conference Level	Set up writing groups for next version of IEEE 1407.	
	A19D	Covered Conductors	Campbell / Nuckles	White River 2 Conference Level	Develop PAR for covered conductor guide.	
2:00 PM -	B03D	Exposed Semi-Con Shields Test (592)	Richardson / Kamel	Arkansas Conference Level	Discussion of scope, schedule and proposed test plan for IEEE-592 revision effort.	
3:15 PM	C03D	Magnetic Fields of Underground Cables	Hunt / Vacant	Rio Grande / Gunnison Conference Level	Discuss underground line design choices that reduce magnetic fields, recent health effects research, public process activities, and changes in EMF regulations.	
	D21D	Test Procedure for Circuit Integrity of Fire Resistive Cables in Tunnels & Transit Apps (2412)	Conrad / Stansberry	Platte Conference Level	Review current NFPA Tunnel Standards and start development of draft standard P2412.	
3:30 PM - 5:30 PM	A06D	Accelerated Electrical Aging	Wald / Caronia	White River 1 Conference Level	Discussion about high temperature ageing of medium voltage cables and ageing under HVDC conditions.	
	B06W	Connection of Surge Arresters to Protect Shielded Cable Systems (C62.22.1)	Jibril / Makal	White River 2 Conference Level	Review the committee members proposed changes to the guide, and vote on balloting	
	B16W	Separable Insulated Connectors (386)	Wall / Faulkenberry	Arkansas Conference Level	Review the latest draft revision of IEEE 386.	
	C25W	Soil Thermal Resistivity (442)	Patel / Cherukupalli	Rio Grande / Gunnison Conference Level	Working to update current standard.	
	C33D	Renewable Energies	Joy / Patel	Platte Conference Level	Discussion on cable connections and data on Renewable Energy increases in the utilities.	

<u>General Meeting Notes – Tuesday, 10/07/2014</u>

- 1-Guest/Spouse Breakfast, 8:00 9:30AM, Room: Mountain View Restaurant, Main Level
- 2-Guest/Spouse Meeting Space (Hospitailty), 9:30 AM 5:30PM, Room: Shoshoni, Conference Level
- 3-Attendee Breakfast, 7:00 8:00AM, Room: Centennial 2/3, Main Level
- 4-ICC Attendee Breaks 9:45 10:15AM, 3:00 3:30PM, Room: Colorado Ballroom Foyer, Conference Level
- 5-See Bulletin Boards at Registration Area for Specifics







Fall 2014 Meeting, Colorado Springs, CO ICC MEETING SCHEDULE

FINAL AGENDA - 09/23/14

WEDNESDAY, OCTOBER 8, 2014 - AM & PM SESSIONS						
TIME	GROUP	ACTIVITY	CHAIRS	ROOM	AGENDA	
7:00 AM – 8:00 AM	Presentation Pre-load and Test – All Presenters MUST Pre-load		T. Richardson	Colorado Ballroom Conference Level	Subcommittee Presentation Loadings on ICC Computer	
7:00 AM - 8:00 AM	(For Subc	All Chairs Meeting ommittee, WG, DG, Education, Communications, and Standards Chairs & Vice-Chairs)	Hiivala	Remington Main Level	Training on Roberts Rules of Order for Working and Discussion Groups.	
8:00 AM - 12:00 PM	Α	CABLE CONSTRUCTION & DESIGN	Walton / Wen	Colorado Ballroom Conference Level	Technical Presentations	
		BRI	EAKOUT WG/DG MEET	INGS		
	B19D	Cable Prep Techniques for Installing Accessories (1816)	Crotty / Smalley	White River 1 Conference Level	Continue discussion on what information should be in the next revision, several presentations on topics from Spring.	
0.00 4 14	C13D	Installation of Cables Using Trenchless Techniques	Goyette / Williams	White River 2 Conference Level	Discussion and work on white paper.	
8:00AM – 10:00AM	D19W	Determining Performance of Fire Resistive Cables in Nuclear Facilities (1844)	G.Taylor / Shoshani	Arkansas Conference Level	Review draft standard, receive comments and prepare for submission.	
	F10D	Diagnostic Testing for Cable Joints & Terminations	Jiang / Hayden	Rio Grande / Gunnison Conference Level	Presentations and discussion on diagnostic testing of cable accessories.	
				Platte Conference Level		
	B05D	Connection of Cables to GIS (1300)	Frentzas / Whiteside	White River 1 Conference Level	Discussions and update on current CIGRE work.	
	B21D	Application Guide for Cable Joints (new)	McLaughlin / Campbell	White River 2 Conference Level	Continue to review/edit the wording of the guide and its contents.	
10:15 AM - 12:00 PM	C01D	Ampacity Topics (835)	Purnhagen / Goyette	Arkansas Conference Level	Continued discussion & presentations on effect of steel casings on cable ampacities.	
	D15D	Flame Propagation Testing (1202)	C. Hills / G. Taylor	Rio Grande / Gunnison Conference Level	Review of opened PAR and beginning of revision.	
				Platte Conference Level		
12:00 PM - 1:00 PM	EDUCATIONAL LUNCHEON (Must Register for Ti		ister for This)	Remington Main Level		
1:00 PM - 5:00 PM	EDUCATIONAL PROGRAM ⁶ Innovation and Its Impact on Utilities		Tirinzoni / Mosier	Colorado Ballroom Conference Level	Presenters will discuss: The Smart Grid, Personal Power Plants, Grid Defection, & The Integrated Grid followed by an open discussion.	

General Meeting Notes - Wednesday, 10/08/2014

4-ICC Attendee Breaks 9:45 - 10:15AM, 2:45 - 3:15PM Room: Colorado Ballroom Foyer,

^{6-0.4} 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.





¹⁻Guest/Spouse Breakfast, 8:00 – 9:30AM, Room: Mountain View Restaurant, Main Level

²⁻Guest/Spouse Meeting Space (Hospitality), 9:30AM – 5:30PM, Room: Shoshoni, Conference Level 3-Attendee Breakfast, 7:00 – 8:00AM, Room: Centennial 2/3, Main Level

Conference Level 5-See bulletin Board at Registration Area for Specifics



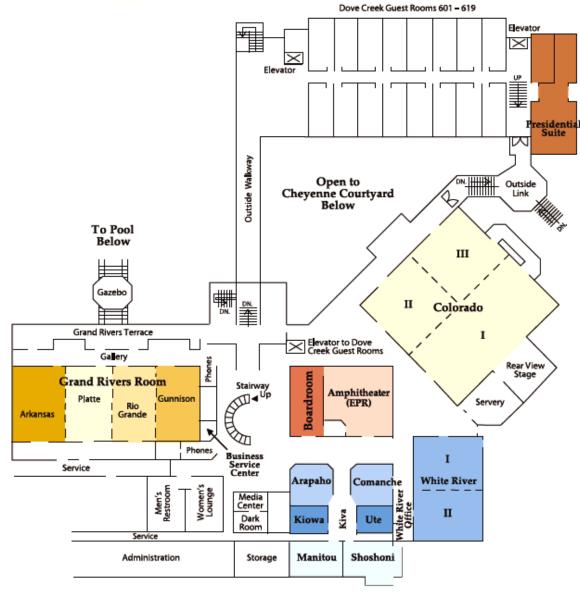
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Layout CONFERENCE LEVEL

Meeting Rooms - Conference Level Amphitheater Arapaho Arkansas Boardroom **Business Center** Colorado I, II, III Comanche **Grand River Terrace** Gunnison Kiowa Kiva Manitou Platte Rio Grande Shoshoni Ute

White River I, II









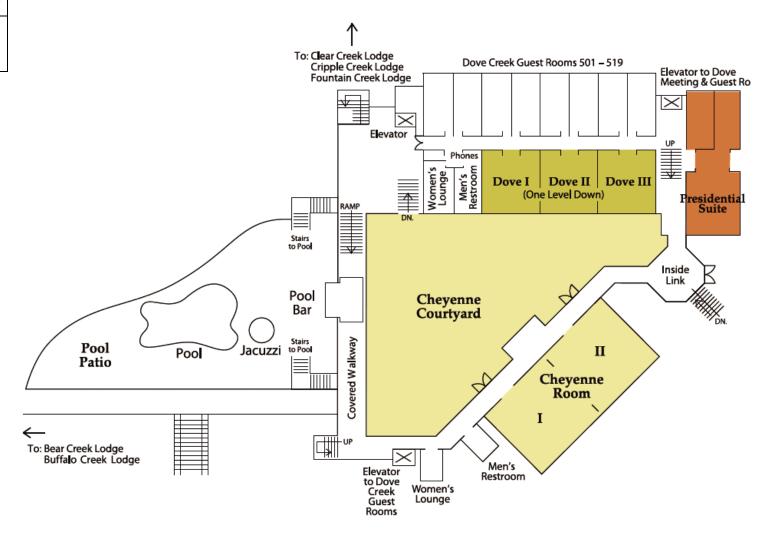
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Layout COURTYARD LEVEL

Meeting Room - Courtyard Level

Cheyenne I, II Cheyenne Courtyard Dove I, II, III









Fall 2014 Meeting, Colorado Springs, CO Layout

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MAIN LEVEL AND QUAIL LODGE

Meeting Rooms – Main Level and Quail Lodge

Centennial I, II, III
Centennial Terrace
Mountain View Terrace
Quail I, II, III
Quail Terrace
Remington
Sundance Terrace

