

IEEE/PES TRANSFORMERS COMMITTEE**www.transformerscommittee.org****Spring 2007 Meeting; March 11-15****Hosted by Ken Hanus and TXU Electric Delivery
Hilton Dallas Lincoln Centre; Dallas, Texas USA****NOTES:** See Page 5 for a key to the abbreviations. A vertical line in the left margin indicates a noteworthy revision since last issue.

<u>DATE/TIME</u>	<u>ACTIVITY</u>	<u>SUB-COM</u>	<u>ACTIVITY CHAIR</u>	<u>ROOM CAP/ARR/AV</u>	<u>MEETING ROOM</u>
Saturday, March 10					
	No Events or Meeting Registration.				
Sunday, March 11					
8:30 am - 1:30 pm	<u>Sunday Tour:</u> JFK Memorial. Everyone is invited, but advance registration is necessary. -- Buses depart from the Hilton at 8:30 am and return by 1:30 pm. Includes lunch. Eat breakfast beforehand. -- Contact Mr. Ken Hanus at TXU at 817-475-9283 or ken.hanus@ieee.org for more information.				
1:00 pm - <u>5:30 pm</u>	Meeting Registration (open only until 5:30 pm)			L-shaped table	Lincoln Foyer
2:00 pm - 5:30 pm	Administrative SC -- Closed meeting, by invitation only	Admin.	D. Fallon	25 US (w/snack buffet)	Adams AB (& Jackson A)
2:00 pm - 5:30 pm	NEMA Transformers -- Closed meeting, by invitation only	++	C. Drexler	15 US (w/beverages)	Washington
6:00 pm - 8:00 pm	Welcome Reception -- All Members, Guests & Companions are welcome!			325 Recept.	Lincoln Ballroom East/West
Monday, March 12 -- Monday Breaks Sponsored by <u>Omicron</u> ***					
7:00 am - 5:00 pm	Meeting Registration			L-shaped table	Lincoln Foyer
7:00 am - 6:00 pm	Internet Cafe'			12 SQ	Jefferson
<u>7:00 am</u> - 7:50 am	<u>Newcomers Orientation</u> Breakfast Mtg (arrive early!) -- Newcomers & Guests are encouraged to attend!		T. Prevost	50 CL	Atrium 1 (Lobby Level)
7:00 am - 7:45 am	Distribution SC Coordination Meeting (closed mtg)		K. Hanus	14 CONF	Crocketts Audubon (Lake Level)
7:00 am - 8:00 am	Breakfast - Attendees (no companions please)			200 RT (9/tbl)	Atrium 2
8:00 am - 9:00 pm	Breakfast - Companions (no attendees please)			40 RT (8/tbl)	Reflections (Lake Level)
9:15 am - 4:00 pm	<u>Companion Tour:</u> "Fort Worth City Tour". Includes lunch. -- Advance registration required. The bus departs the Hilton Hotel at 9:15 am and returns by 4:00 pm.				
8:00 am - 10:45 am	IEC TC-14 Technical Advisory Group (all interested individuals welcome)	++	P. Hopkinson	20 CL	Hamilton (Lobby Level)
8:00 am - 9:15 am	WG 3-ph UG Distr. Transf. C57.12.24	UTNP	G. Termini	16 CL / 12 TH	Washington
8:00 am - 9:15 am	TF Arc Furnace Transformers C57.17	Power	D. Corsi	18 CL / 10 TH	Lincoln 1
8:00 am - 9:15 am	TF Dry-Type Reactors	Dry	R. Dudley	32 CL / 20 TH	Adams AB (and Jackson A)
8:00 am - 9:15 am	WG Electronic Test Data Reporting PC57.12.37	Dist	T. Callsen/ R. Hollingsworth	75 CL	Lincoln 2,3
8:00 am - 9:15 am	TF Electrical Partial Discharge Measurements Guide C57.113	DiTests	E. Lemke	100 CL S3	Lincoln East
8:00 am - 9:15 am	WG Transformer Monitoring C57.143	Power	D. Chu/A. Lux	200 CL S3	Lincoln West (and 6,7,8)
9:15 am - 9:30 am	<i>Break (beverages only)</i>			Lincoln Ballroom Foyer	

*** Contact Joe Watson (joe_watson@ieee.org) if you are interested in sponsoring coffee-breaks at a future meeting.

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Monday, March 12 (continued)					
9:30 am - 10:45 am	WG Liquid-immersed Secondary Network Transformers C57.12.40	UTNP	B. Klaponski	16 CL / 12 TH	Washington
9:30 am - 10:45 am	(TBD)			18 CL / 10 TH	Lincoln 1
9:30 am - 10:45 am	WG Revision of C57.12.10	Power	J. Arteaga	32 CL / 20 TH	Adams
9:30 am - 10:45 am	WG Overhead Dist. Trans. C57.12.20	Dist	A. Wilks	75 CL	Lincoln 2,3
9:30 am - 10:45 am	WG PCS Rev. to Test Code C57.12.90	PCS	M. Perkins	100 CL S3	Lincoln East
9:30 am - 10:45 am	WG Acoustic PD Measurements	DiTests	J. Harley	200 CL S3	Lincoln West
10:45 am - 11:00 am	<i>Break (beverages only)</i>			Lincoln Ballroom Foyer	
11:00 am - 12:15 pm	WG Dry-Type Gen. Require. C57.12.01	Dry	J. Sullivan	16 CL / 12 TH	Washington
11:00 am - 12:15 pm	WG Thermal Evaluation of Power and Distribution Trans. C57.100	IL	R. Wicks	18 CL / 10 TH	Lincoln 1
11:00 am - 12:15 pm	WG Shunt Reactors C57.21	PCS	R. Dudley	32 CL / 20 TH	Adams
11:00 am - 12:15 pm	WG 1-ph Padmount Distribution Transformers C57.12.25	Dist	A. Ghafourian/ I. Ares	75 CL	Lincoln 2,3
11:00 am - 12:15 pm	WG Revision to Low Frequency Tests	DiTests	B. Poulin	100 CL S3	Lincoln East
11:00 am - 12:15 pm	WG Standard for Control Cabinets	Power	J. Watson	200 CL S3	Lincoln West
12:15 pm - 1:30 pm	<u>Lunch Meeting:</u> Stds Development Process Review -- All activity chairs are encouraged to attend. -- Advance reservation required (\$20 for box lunch). -- No paper tickets. Admission verified at the door.		B. Chiu (Stds SC)	80 RT (8/tbl)	"LBJ Room" (Lobby Level, past L'Express, down the hall)
1:45 pm - 3:00 pm	WG Thermal Evaluation C57.12.56 and C57.12.60	Dry	R. Provost/ R. Wicks	16 CL / 12 TH	Washington
1:45 pm - 3:00 pm	WG Frequency Response Analysis (FRA) Guide PC57.149	PCS	C. Sweetser	18 CL / 10 TH	Lincoln 1
1:45 pm - 3:00 pm	SC HVDC Converter Transformers and Smoothing Reactors	HVDC	R. Dudley	32 CL / 20 TH	Adams
1:45 pm - 3:00 pm	WG 3-ph Padmount Distribution Transformers C57.12.34	Dist	R. Stahara/ S. Shull	75 CL	Lincoln 2,3
1:45 pm - 3:00 pm	WG PCS Revisions to C57.12.00	PCS	S. Snyder	100 CL S3	Lincoln East
1:45 pm - 3:00 pm	WG Tap Changer Performance C57.131	Power	W. Henning	200 CL S3	Lincoln West
3:00 pm - 3:15 pm	<i>Break (beverages and treats)</i>			Lincoln Ballroom Foyer	
3:15 pm - 4:30 pm	Joint WG Optical ITs C57.13/PSIM P1601	IT/PSIM	Rahmatian/ Gilleland	16 CL / 12 TH	Washington
3:15 pm - 4:30 pm	WG 1-ph Submersible Distribution Transformers C57.12.23	UTNP	A. Traut/ B. Basu	18 CL / 10 TH	Lincoln 1
3:15 pm - 4:30 pm	TF IEEE-IEC Cross Reference	Stds	J. Sim	32 CL / 20 TH	Adams
3:15 pm - 4:30 pm	WG Dry-Type Test Code C57.12.91	Dry	D. Foster	75 CL	Lincoln 2,3
3:15 pm - 4:30 pm	WG Revision of Impulse Guides C57.98 and C57.138	DiTests	A. Molden	100 CL S3	Lincoln East
3:15 pm - 4:30 pm	TF Core Overexcitation Requirements	PCS	C. Stiegemeier	200 CL S3	Lincoln West
4:30 pm - 4:45 pm	<i>Break (beverages only)</i>			Lincoln Ballroom Foyer	
4:45 pm - 6:00 pm	<u>Presentation #1:</u> "Transformer Life Expectancy", by W. Bartley, Sponsored by SC Power Transformers. **			300 CL S3 (add 100 TH seats in rear)	Lincoln West
6:30 pm - 10:00 pm	Technical Tour #1: "Tour of High Voltage Supply Facility". Advance reservations required via TC website. Everyone is invited, but attendance is limited to one bus-load. Another similar tour on Tuesday evening. Bus will leave the Hilton at 6:30 pm, and return around 10:00 pm. Dinner will be served.				

** Contact N. Kent Haggerty (n.kent.haggerty@ieee.org) if you are interested in making a technical presentation at a future meeting.

<u>DATE/TIME</u>	<u>ACTIVITY</u>	<u>SUB-COM</u>	<u>ACTIVITY CHAIR</u>	<u>ROOM CAP/ARR/AV</u>	<u>MEETING ROOM</u>
Tuesday, March 13 -- Tuesday Breaks Sponsored by <u>Serveron</u> ***					
7:00 am - <u>12:00 pm</u>	Meeting Registration (until noon only)			L-shaped table	Lincoln Foyer
7:00 am - 6:00 pm	Internet Cafe'			12 SQ	Jefferson
7:00 am - 8:00 am	NEMA ST-1/ST-20 Revision (breakfast meeting, get food in Atrium 2)			14 CONF	Hamilton
7:00 am - 8:00 am	Breakfast - Attendees (no companions please)			275 RT (9/tbl)	Atrium 1 & 2
8:00 am - 9:00 pm	Breakfast - Companions (no attendees please)			40 RT (8/tbl)	Reflections
9:15 am - 3:30 pm	<u>Companion Tour</u> : "Dallas Tour". Includes lunch. -- Advance registration required. The bus departs the Hilton Hotel at 9:15 am and returns by 3:30 pm.				
8:00 am - 9:15 am	WG Test Requirements for HV Instrument Transformers C57.13.5	IT	R. McTaggart/ P. Riffon	16 CL / 12 TH	Washington
8:00 am - 9:15 am	WG Temp. Rise Test Procedures in Section 11 of C57.12.90	IL	P. Powell	18 CL / 10 TH	Lincoln 1
8:00 am - 9:15 am	WG Rev. Field Test Guide IEEE 62	Stds	(TBD)	32 CL / 20 TH	Adams AB
8:00 am - 9:15 am	WG Enclosure Integrity C57.12.28, C57.12.29, C57.12.31, C57.12.32	Dist	R. Olen/ D. Mulkey	75 CL	Lincoln 2,3
8:00 am - 9:15 am	WG Natural Ester-based Fluids C57.147	IF	P. McShane	100 CL S3	Lincoln East
8:00 am - 9:15 am	WG Switching Transients Induced by Transformer/Breaker Interaction	PCS	R. Degeneff	200 CL S3	Lincoln West
9:15 am - 9:30 am	<i>Break (beverages only)</i>			Lincoln Ballroom Foyer	
	WG Oil Accept. & Maint. Guide C57.106	IF	Document is being edited for publication.		
9:30 am - 10:45 am	Joint TF Low PF Measure. (PCS/PSIM)		This activity will not meet in Dallas.		
9:30 am - 10:45 am	WG Terminal Markings C57.12.70 (NEW)	Stds	S. Shull	16 CL / 12 TH	Washington
9:30 am - 10:45 am	WG Neutral Ground. Devices PC57.32	PCS	S. Schappell	18 CL / 10 TH	Lincoln 1
9:30 am - 10:45 am	TF Functional Life Tests, De-energized Tap Changers (DETC)	Power	P. Hopkinson	32 CL / 20 TH	Adams
9:30 am - 10:45 am	WG Revision to Loading Guide C57.91	IL	T. Raymond	75 CL	Lincoln 2,3
9:30 am - 10:45 am	TF GSU Bushing Standardization (NEW)	Bush	L. Recksiedler	100 CL S3	Lincoln East
9:30 am - 10:45 am	TF Transformers for Wind Farms	Power	J. Watson	200 CL S3	Lincoln West
10:45 am - 11:00 am	<i>Break (beverages only)</i>			Lincoln Ballroom Foyer	
11:00 am - 12:15 pm	WG Loss Tolerance and Measurement	PCS	E. teNyenhuis	16 CL / 12 TH	Washington
11:00 am - 12:15 pm	WG Phase-shift Trans. Guide C57.135	Power	J. Sim	18 CL / 10 TH	Lincoln 1
11:00 am - 12:15 pm	TF Transf. Tank Rupture & Mitigation	Power	P. Zhao	32 CL / 20 TH	Adams
11:00 am - 12:15 pm	WG Dist. Substation Transf. C57.12.36	Dist	Aho/Rossetti	75 CL	Lincoln 2,3
11:00 am - 12:15 pm	WG Guide for DGA in LTCs C57.139	IF	F. Jakob	100 CL S3	Lincoln East
11:00 am - 12:15 pm	Short Circuit Tests Guide C57.133 and revision to C57.12.90, Section 12	PCS	M. Fortin	200 CL S3	Lincoln West
12:15 pm - 1:30 pm	<u>Speaker Luncheon</u> . "Broadband over Powerline", by Michael Quinn. Advance registration is necessary. -- Paper tickets will not be provided. Admission verified at the door.			170 RT (10) with elevated table for 6	"LBJ Room" (Lobby Level, past L'Express)
	WG Revision Installation Guide C57.93	Power	Document is being edited for publication		
1:45 pm - 3:00 pm	WG Rev. Transformers for Non-sinusoidal Loads C57.110	PCS	R. Marek	16 CL / 12 TH	Washington
1:45 pm - 3:00 pm	TF Revision to IEEE 638	Power	C. Swinderman	18 CL / 10 TH	Lincoln 1
1:45 pm - 3:00 pm	WG Dielectric Test Tables, Liquid-filled	DiTests	P. Hopkinson	32 CL / 20 TH	Adams
1:45 pm - 3:00 pm	WG Voltage Step Regulators C57.15	Dist	Colopy/Kennedy	75 CL	Lincoln 2,3
1:45 pm - 3:00 pm	WG Revision to Gas Guide C57.104	IF	R. Ladroga	100 CL S3	Lincoln East
1:45 pm - 3:00 pm	(TBD)			200 CL S3	Lincoln West
3:00 pm - 3:15 pm	<i>Break (beverages and treats)</i>			Lincoln Ballroom Foyer	

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Tuesday, March 13 (continued)					
3:15 pm - 4:30 pm	WG Sound Level Measurement Guide	ASV	J. Puri	16 CL / 12 TH	Washington
3:15 pm - 4:30 pm	WG Semiconductor Rectifier Transformers C57.18.10	PCS	S. Kennedy	18 CL / 10 TH	Lincoln 1
3:15 pm - 4:30 pm	WG Bushing Applicat. Guide C57.19.100	Bush	T. Spitzer	32 CL / 20 TH	Adams
3:15 pm - 4:30 pm	WG for Bar Coding Distribution Transformers C57.12.35	Dist	L. Matthews/ G. Termini	75 CL	Lincoln 2,3
3:15 pm - 4:30 pm	WG Revision to Impulse Tests	DiTests	P. Riffon/ P. Heinzig	100 CL S3	Lincoln East
3:15 pm - 4:30 pm	WG Transportation Issues Guide	Power	G. Anderson	200 CL S3	Lincoln West
4:30 pm - 4:45 pm	Break (beverages only)			Lincoln Ballroom Foyer	
4:45 pm - 6:00 pm	Presentation #2: "Transformer Life Extension for Better Asset Management", by Bartley, Stiegemeier and Woodcock. Sponsored by SC Power Transformers. **			300 CL S3 (add 100 TH seats in rear)	Lincoln West
6:30 pm - 10:00 pm	Technical Tour #2: "Tour of High Voltage Supply Facility". Advance reservations required via TC website. Everyone is invited, but attendance is limited to one bus-load. Another similar tour on Monday evening. Bus will leave the Hilton at 6:30 pm, and return around 10:00 pm. Dinner will be served.				
Wednesday, March 14 -- Wednesday Breaks Sponsored by JSHP Transformer Co. Ltd ***					
No Meeting Registration, No Companion Tours					
7:00 am - 6:00 pm	Internet Cafe'			12 SQ	Jefferson
7:00 am - 8:00 am	Breakfast - Attendees (no companions please)			250 RT (9/tbl)	Atrium 2
8:00 am - 9:30 am	Breakfast - Companions (no attendees please)			40 RT (8/tbl)	Reflections
7:00 am - 7:45 am	SC Meetings Planning Get breakfast in Atrium 2 and take to Hamilton (Lobby Level). Arrive early!	Mtgs	G. Anderson	25 CL	Hamilton (Lobby Level)
8:00 am - 9:15 am	EL&P Delegation (Users only meeting)	++	K. Hanus	32 CL / 20 TH	Adams AB (and Jackson A)
8:00 am - 9:15 am	SC Instrument Transformer	IT	J. Smith	75 CL	Lincoln 2,3
8:00 am - 9:15 am	SC Audible Sound & Vibration	ASV	J. Puri	100 CL S3	Lincoln East
8:00 am - 9:15 am	SC Insulation Life	IL	D. Platts	200 CL S3	Lincoln West (and 6,7,8)
9:15 am - 9:30 am	Break (beverages only)			Lincoln Ballroom Foyer	
9:30 am - 10:45 am	TBD			75 CL	Lincoln 2,3
9:30 am - 10:45 am	SC UG Transf. & Network Protectors	UTNP	C. Niemann	100 CL S3	Lincoln East
9:30 am - 10:45 am	SC Dielectric Tests	DiTests	L. Wagenaar	200 CL S3	Lincoln West
10:45 am - 11:00 am	Break (beverages only)			Lincoln Ballroom Foyer	
11:00 am - 12:15 pm	TBD			75 CL	Lincoln 2,3
11:00 am - 12:15 pm	SC Insulating Fluids	IF	R. Ladroga	100 CL S3	Lincoln East
11:00 am - 12:15 pm	SC Performance Characteristics	PCS	R. Girgis	200 CL S3	Lincoln West
12:15 pm - 1:30 pm	Lunch (on your own)				
1:30 pm - 2:45 pm	TBD			75 CL	Lincoln 2,3
1:30 pm - 2:45 pm	SC Dry Type	Dry	C. Johnson	100 CL S3	Lincoln East
1:30 pm - 2:45 pm	SC Power Transformers	Power	T. Lundquist	200 CL S3	Lincoln West
2:45 pm - 3:00 pm	Break (beverages only)			Lincoln Ballroom Foyer	

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KEY

Note: A PC projector will be furnished in each meeting room. Arrive early to ensure that equipment operates/syncs correctly. Overhead projectors are available in the meeting registration area.

> -- activity continued into another session / from another session
 ++ -- not a Transformers Committee activity TBD = "To Be Determined"
 FC = flip chart; S1 = sound (see note)
 S2 = stand mic in front only; S3 = one stand mic in front & stand mic(s) at mid-room

CL -- classroom seating (w/head table for 2-3)
 TH -- theater seating (with head table for 2-3)
 RT -- multiple roundtables (8-9/table)
 US -- U-shape table

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Wednesday, March 14 (continued)					
3:00 pm - 4:15 pm	TBD			75 CL	Lincoln 2,3
3:00 pm - 4:15 pm	SC Distribution Transformers	Dist	K. Hanus	100 CL S3	Lincoln East
3:00 pm - 4:15 pm	SC Bushings	Bush	F. Elliott	200 CL S3	Lincoln West
4:15 pm - 4:30 pm	<i>Break (beverages only)</i>			Lincoln Ballroom Foyer	
4:30 pm - 5:30 pm	SC Transformer Standards	Stds	B. Chiu	100 CL S3	Lincoln East
6:00 pm - 10:30 pm	Dinner Social: Dinner at Dallas World Aquarium. Advance registration is necessary. -- Buses begin boarding at 5:45 pm. The last bus leaves at 6:00 pm. All buses return before 10:30 pm. -- Paper tickets will not be provided. Admission will be verified with a registration list as you board the bus.				

Thursday, March 15

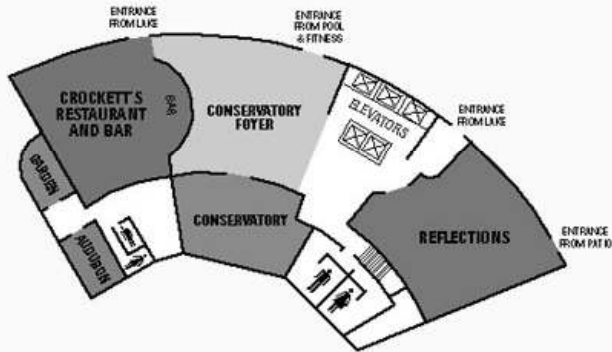
No Meeting Registration, No Technical Tours, No Companion Tours, No Internet Cafe'					
7:00 am - 8:00 am	Breakfast - Attendees (no companions please)			225 RT	Atrium 2
8:00 am - <u>9:30 am</u>	Breakfast - Companions (no attendees please)			35 RT	Reflections
8:00 am - 9:45 am >	General Session, Transformers Committee -- All attendees are encouraged to attend. -- See separate document for meeting agenda.		D. Fallon	250 CL S1 2 per 6' and <u>elevat.</u> table for 4	Lincoln East/West (and 6,7,8)
9:45 am - 10:00 am	<i>Break (beverages only)</i>			Lincoln Ballroom Foyer	
> 10:00 am - 11:30 am	General Session, Transformers Committee		D. Fallon	250 CL S1	Lincoln East/West (and 6,7,8)
1:00 pm - 5:00 pm >	EPRI Power Transformer Project Review -- Closed meeting, EPRI members only -- Continued into Friday morning	++	L. van der Zel	30 CL	Jefferson (Lobby Level)

Friday, March 16

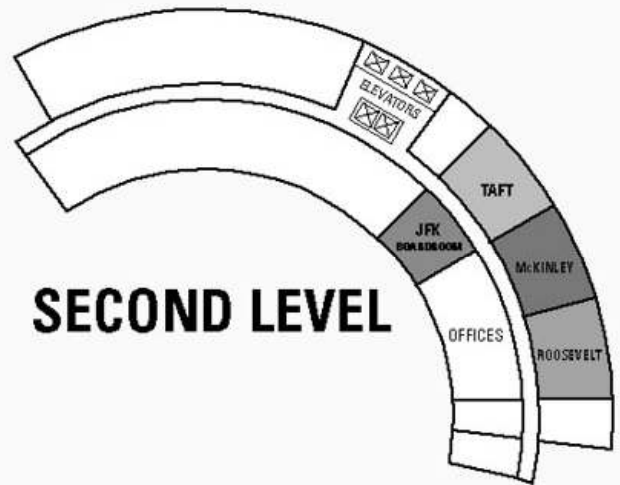
No Transformer Committee Meetings, No Internet Cafe'					
7:30 am - 8:00 am	Breakfast - EPRI members only			30 CL	Jefferson
> 8:00 am - 12:00 pm	EPRI Power Transformer Project Review -- Closed meeting, EPRI members only -- Continued from Thursday afternoon	++	L. van der Zel	30 CL	Jefferson

FACILITY DIRECTORY

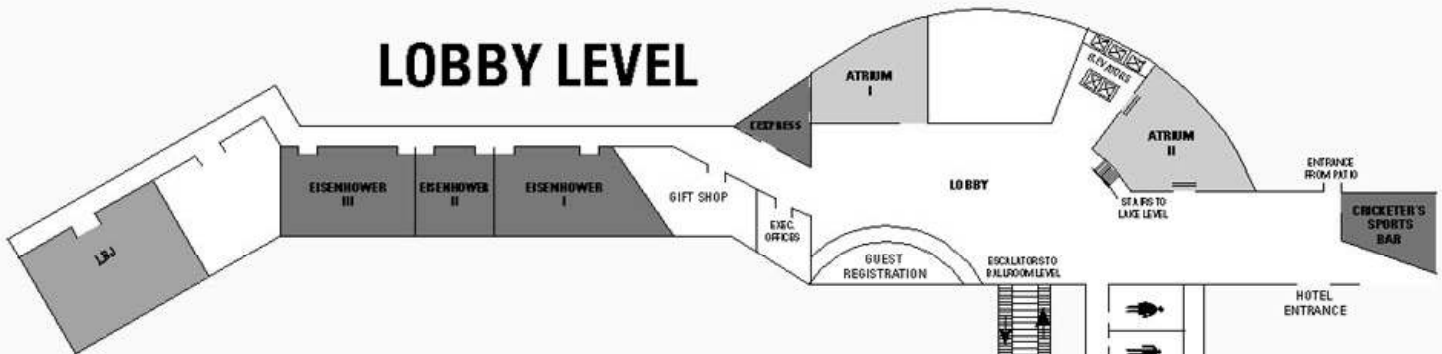
LAKE LEVEL



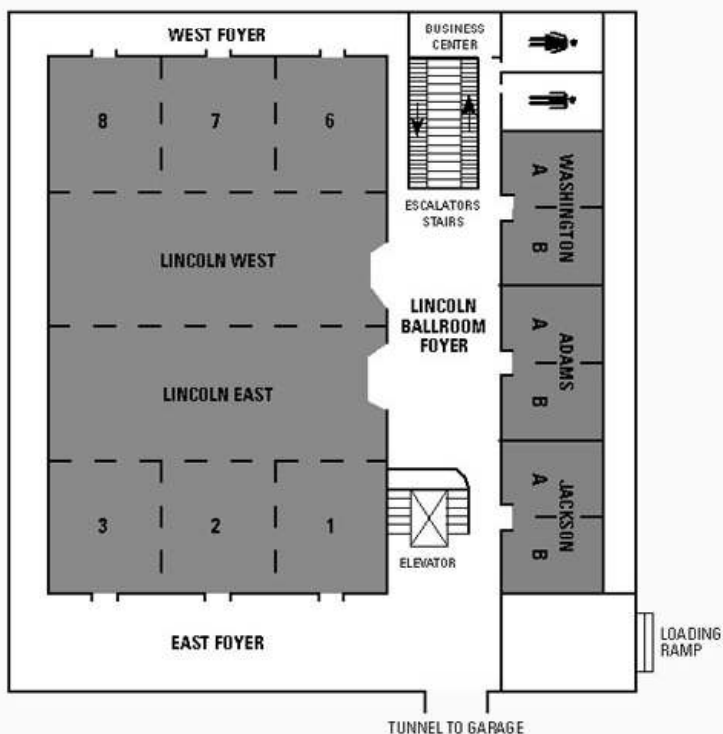
SECOND LEVEL



LOBBY LEVEL



BALLROOM LEVEL



Key to Restaurants and Lounges

CROCKETT'S RESTAURANT AND BAR
Located on our Lake Level

CRICKETER'S SPORTS BAR
Located on our Lobby Level

L'EXPRESS
Located on our Lobby Level