



***lites.asia* Regional Lighting Policy Meeting**

Bangkok, Thailand

3 - 4 February 2015





Update on International Electrotechnical Commission TC34

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TC34 Role

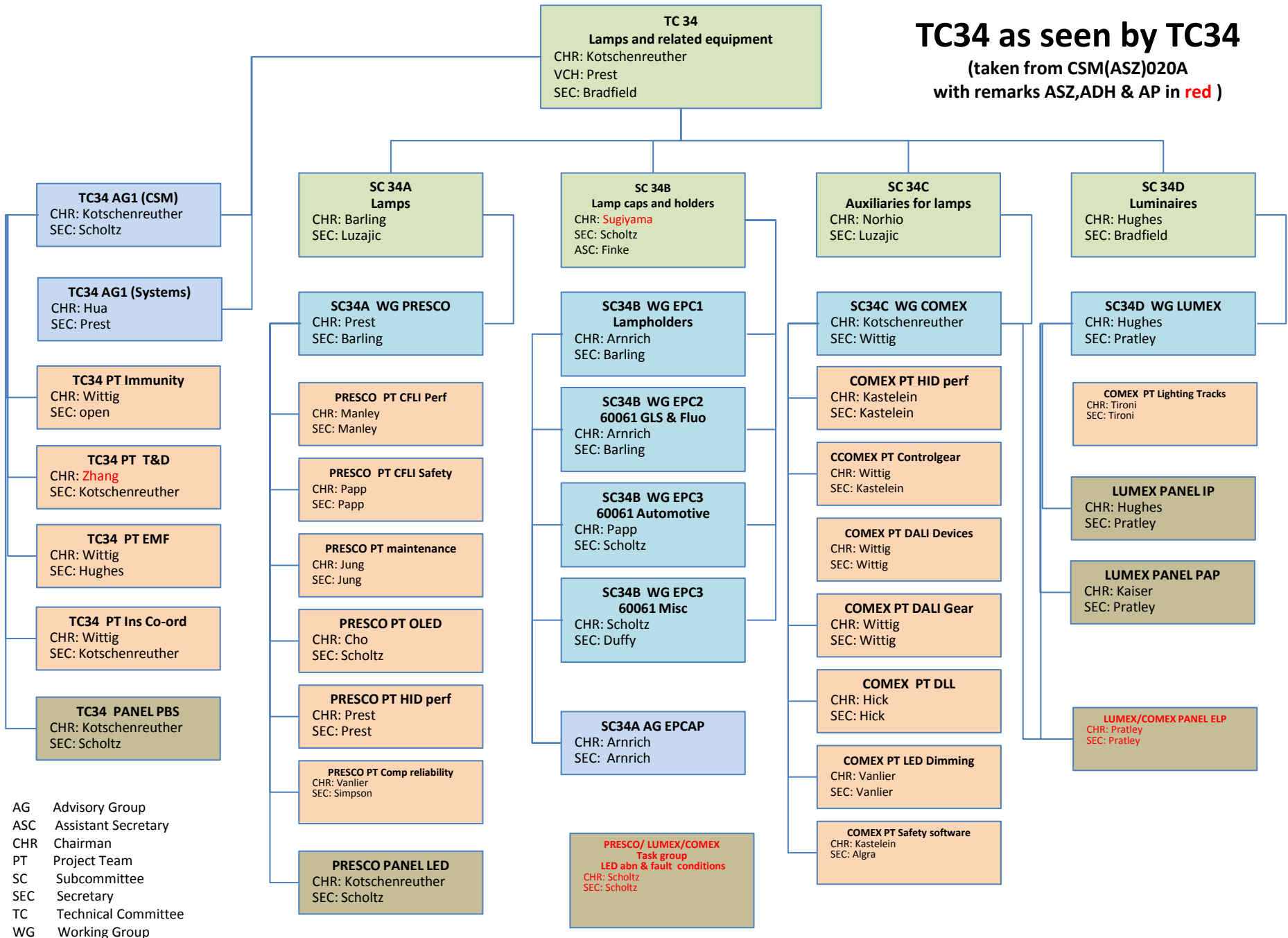
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■ TC34 - Lamps and related equipment

- To prepare international standards regarding specifications for:
 - a) lamps (including LED's) and glow starters,
 - b) lamp caps and holders,
 - c) lamp controlgear,
 - d) luminaires,
 - e) miscellaneous related equipment not covered by a project of another technical committee.

TC34 as seen by TC34

(taken from CSM(ASZ)020A
with remarks ASZ,ADH & AP in **red**)



TC34 - Structure

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- TC34 and SC (subcommittees) - primary duty of a technical committee or subcommittee is the development and maintenance of International Standards.
- TC 34 and SC34 A (Lamps), B (Lamp Caps and Holders), C (Auxiliaries for lamps), & D (Luminaires), only meet every four years.
- New Subcommittee - IEC SC34E recently formed to generate standards on “LIGHTING CONTROL SYSTEMS”

TC34 - Structure

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- Ongoing work is undertaken by the working groups (e.g. SC34A WG PRESCO) which meet every 6 months.
- Specific detailed work on a standard can be undertaken by a Panel or Project Team which also meet every 6 months alternating with the WG meetings.
- Advisory Groups - may be established by a technical committee or subcommittee to assist the chairman and secretariat in tasks concerning coordination, planning and steering of the committee's work or other specific tasks of an advisory nature.
- Maintenance Committees - role is to keep a publication or a set of publications up to date.

TC34 - Structure

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- A working group comprises a restricted number of experts individually appointed by the P-members, A-liaisons of the parent committee and D-liaison organizations, brought together to deal with the specific task allocated to the working group. The experts act in a personal capacity and not as the official representative of the P-member or A-liaison organization.
- Given much of the standard development work is undertaken below the more formal Committee and Sub-committee levels, it is suggested that national representatives or officials with an interest in lighting standards may wish to keep watch on these subsidiary groups to properly understand (and provide input to) lighting standard development.

Recent Activities (from Owen Manley)

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- The January IEC Tc34 meetings focused on LEDs, especially safety.
- Only a little work on LED performance standards to update for next amendments. This for the moment is seen as being relatively stable but this is expected to change as the CIE S 025 is adopted (possible joint CIE ISO standard).
- no discussion on Incandescent, halogen, Fluorescent or HID technologies.
 - CFL Performance 60969 – FDIS to be released - should be circulated for national committees and approved at the IEC meeting in Sydney May 2015.

- Discussion on the definition of Family for self ballasted LED lamps (PRESCO 34A/1780/DC) – idea that only one test report for the LED light source if the lamps meet the criteria to be in the same family.
- Meeting agreed the current proposal was too complex.
 - It assumes there is no family unless all technical items are identical .This is just about impossible.
- New draft to be developed - Teleconference to be held 18 Feb.

Recent Activities

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- IEC 62612 am1 Ed. 1.0 - Self-ballasted LED lamps for general lighting services with supply voltages > 50 V - Performance requirements
 - Proposal accepted for LED lamps claiming operation at extended temperature range – if claim made must be tested,
 - Proposal accepted for ‘lumen banding’ for non-directional LED lamps: ‘.. the rated luminous flux should be preferably one of the following values
 - 100lm, 150lm, 250lm, 350lm, 500lm, 800lm, 1000lm, 1500lm, 2000lm, 3000lm
- LED lifetime idea of Lumen maintenance based on LM-80 data, using TM21 + Border function + Arrhenous model is still being refined.

Next Meetings – Sydney

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- 25 May to 6 June Sydney Australia
- Both Working Group and Panel meetings.

Bangkok, 3-4 February 2015



Sydney Schedule

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Sydney meeting Schedule. Day/ Date	Mon 2015-05-25		Tue 2015-05-26			Wed 2015-05-27	Thu 2015-05-28	Fri 2015-05-29
Room								
09:00 – 12:30	PRESCO 45 people		COMEX 40 people			LUMEX 45 People	EPC1/2 Accessories 15 people	LED light sources 40 people
13:30 – 18:00	PRESCO		AG1/CSM 15 people			LUMEX	EPC3 Accessories EPC4 Accessories MT 2 LED terminology (commencing at 15:00)	LED light sources
Day/ Date	Mon 2015-06-01		Tue 2015-06-02			Wed 2015-06-03	Thu 2015-06-04	Fri 2015-06-05
Room	1	2	1	2	3			
09:00 – 12:30	Control gear 15 people	OLED 15 People	Insulation coordinati on. 15 People	OLED 15 people		LED fault condition 20 people	LUMEX PAP 12 people	Portable luminaires for children 8 people
13:30 – 18:00	Control gear	OLED	Insulation coordinati on	OLED	Intelligent luminaire 20 people	LUMEX IP 12 people	LUMEX PAP	Portable luminaires for children (if required)

Bangkok, 3-4 February 2015

