

Minutes of UK Lighting Board held on 17 October 2018 at CIHT

Dave Denner
Dave Johnson
Joe Cochrane
Gary Kemp
Ian Hardy
Graham Smith
Stuart Bulmer
Mark Anderson
Justin Ward

Welsh Government
Transport for London
Infrastructure Northern Ireland
Department for Transport
Medway Council representing TAG
Highway Electrical Association
ILP
Representing CSS Wales
Secretary

In attendance: John Nickalls, product Manager from Telensa Lighting Controls.

1. Welcome, introduction and apologies

Dave Johnson welcomed everyone to the meeting informing the Board that both Dave Denner and Mark Anderson were running late due to transport problems (they joined at item 4). Apologies were noted for Simon Langley and Bijan Bassiri.

2. Update on the revised TALQ specification and work to integrate the various CMS systems into one more common protocol - John Nickalls, Product Manager from Telensa Lighting Controls

John Nickalls said that TALQ1 was set up in 2012. TALQ2 has been developed with the main shift being one from lighting to smart cities (i.e. a range of outdoor device networks). TALQ2 is a software interface. If you had a lighting system and then brought in a separate interface – then they could talk through the same network.

John outlined how TALQ2 supports developments with smart cities. For instance:

A device might say 'I am lamp of this type and you can control me this way' – then the CMS can tell the light what to do. Equally the CMS can read information from the light. Devices are attached to the network and include a range of elements such as: light point controller, waste container (has a sensor that says how full it is, a fire detection sensor...), bus stop, environment sensor.

Light point controllers include configuration attributes, such as: lamp type, target light control (for dimming), the actual state of the light and you can have an event – for example with a sensor on the light that turns the light on (you might want to know when this happens).

You can configure a data collection service that is then sent to the CMS. The control service is important for street lights – for example the calendar says on Saturdays and Sundays lights will go on at set times. The control service can also provide an override system, this can be useful when there is a traffic accident and there might be a need to turn on additional lighting in the area.

Dave Johnson observed that the TALQ2 system addressed the problem where authorities feel locked into certain systems, as it looks to provide more flexibility. There are companies who have certified TALQ1, but TALQ2 has not yet been certified. For example, a city in France is using TALQ1.

Dave Johnson asked about road gully emptying (with sensors to detect). John said that road gully sensors pilots have been run. Gary Kemp asked if different local authorities could share information. John said if there is a common CMS then the answer would be 'yes'.

John said that CMS systems were extending beyond lighting systems to cover other devices.

Action: Justin Ward to share PDF of the slides (copy in John Nickalls)

3. State of nation report

Dave Johnson said that historically DfT asked for data on street lighting as part of the Annex A for the annual bidding round. The last time there was data from that was from 2006 and this informed a report on the State of the Nation in 2010. This report provided analysis of the report. Dave said that back in 2006 there were no LEDs and therefore it would be interesting to see the current position. There was an agreement at the UKRLG to fund this research project. Dave said that SALIX, and as of last week, had agreed to be the commissioning body for the research.

Joe Cochrane said that SALIX had not been involved in Northern Ireland, but that it would be useful to have information from Northern Ireland. Dave Johnson said it would be a UK wide report and that data would be collected not from individual authorities, but would instead be collected through five bodies (Unmetered Supply Operators – embedded units within the DNOs), already Scottish & Southern had agreed to provide the data. Dave said that a letter from DfT to support the data collection process might be helpful.

Dave said that there will be benefit in running the report on an annual basis.

Dave then highlighted the need to identify data on the condition of the columns. Graham said that he had asked through the HEA and that this information was difficult to ascertain. Dave said that from the last State of the Nation we know that the amount of columns in the UK and we know they last about 40 years, so should replace 250,000 columns per year to maintain a steady state. As the industry is producing about 150,000 per year it appears there is a shortfall in maintaining a steady state. However, to find out in detail what the picture was would require a lot more work.

Dave said that what the research project will do will inform the sector the last time the inventory was updated (if this was not recent then an authority might be overpaying for its energy).

Action: Dave Johnson to email Gordon Rolfe and Steve Berry from DfT to confirm that Salix will be the commissioning body for the State of the Nation report and for DfT to confirm funding support

Dave said that Salix will provide monitoring report updates back to the UK Lighting Board.

4. Minutes of last meeting

The Board agreed the minutes.

Actions outstanding included:

Action: Bijan Bassiri to complete action on legal advice on Illumination of Sign Guidance from Transport Scotland

The Board discussed the issue of blue lighting and health

Action: Justin Ward to draft letter to Dr Alejandro Sanchez de Miguel from Exeter University highlighting that the UK Lighting Board, that advises the Government on lighting matters, is interested in engaging with the research on the potential adverse effects of street lighting on health (either meeting at Exeter University and or through a call, or at a future meeting of UKLB)

Gary Kemp said that he had had some engagement with Public Health England.

Dave Johnson said that the UKLB had decided to delegate engagement of involvement with LightAware through to ADEPT, but this did not transpire. Dave said that the ILP has since then picked up the issue and that the new Chief Executive of ILP will attend.

Action: Stuart Bulmer said he was still picking this up through the ILP to engage with the concerns from LightAware

Action: Stuart Bulmer to invite John O'Hagan to the next UKLB meeting

The Board agreed that industry updates were helpful at the start of meetings.

5. Minutes of UKRLG

The Board noted the minutes, the key point noted was the Traffic Signs Guidance document.

6. Traffic Signs Guidance document

Dave Johnson noted that the UKRLG minutes provide a good overview of the issues on the document. Dave Denner said that the industry is moving to a risk-based approach. Dave Johnson said that some authorities are moving in one direction with other authorities going in a different direction and that he was keen to secure a consistent approach for the industry.

Action: Justin Ward to set a meeting for some UKLB members (Ian Hardy, Dave Johnson and Dave Denner) to meet with DfT to look to finalise and clear the Traffic Signs Guidance document before 14 November

7. ADEPT updates

The key point for the update was that Highways England is looking to produce a Code of Practice for a protocol to seek agreement on ownership assets at boundary points. Dave said that the significant issues were with structures, but the document includes roads and lighting. This is not binding but will be a framework. Dave said that the owner of the document would be Highways England.

Action: Dave Johnson to share the Boundary Work with Transport Scotland the Welsh Government through Bijan Bassiri and Dave Denner

Publication of TR22 – a final review is scheduled for mid-November. The funding commitment was noted. Graham Smith said that Dave Franks was still involved with the work on TR22.

Action: Gary Kemp to assist with the DfT funding commitment of £10k for TR22 as payment is due for this

Action: Gary Kemp to confirm if DfT logo is added as a supporter to the document

Action: Graham Smith said that there needed to be credit acknowledge to the UK Lighting Board is acknowledged as a supporter to TR22 (UK Lighting Board logo to be included)

Electrical Street Furniture Guidance was acknowledged by the UKLB as worth reading (this was published by the IET).

8. Code of Practice update

The Board noted Atkins and Department for Transport jointly delivered two recent interactive workshops on Well-managed Highway Infrastructure – a Code of Practice. For those unable to attend, a free online webinar is going to take place which will be held on 23 October between 14.00 and 15.00, and will relay the findings of the workshops. Information on UKRLG website.

The Board discussed what they could do to support the implementation of the Code. Dave Johnson said that in London, through LoTAG, Metis had been employed to develop a common risk-based approach across all 32 London Boroughs and TfL. Dave said that all authorities are applying the same methodology to implement this.

Action: Dave Johnson to check if the LoTAG document on how to implement the Code of Practice can be shared (i.e. published online and made available on the UKRLG website)

Action: UKLB to check through their respective networks about implementing the Code and ask - from a lighting perspective - if there are authorities that want to write case studies about their experience of this

9. Composition of the UK Lighting Board

Dave Denner asked about the composition of the UK Lighting Board and if organisations were missing. Dave Johnson noted that with Lindsay McGregor no longer being involved on the Board (and he provided the link through SCOTS) then there was a need to engage with SCOTS. Dave Denner said that engaging virtually in meetings would be helpful to have in place for future meetings as travel restrictions can reduce engagement in certain cases.

Ian Hardy noted that LoTAG was no longer represented following the retirement of Dave Franks.

Action: Justin Ward to provide contact details Chair of SCOTS for Dave Denner to invite representation from SCOTS

Action: Dave Johnson to provide contact details of the new Chair of LoTAG for Dave Denner to invite representation from LoTAG

Action: Graham Smith to provide contact details from the Young Lighting Professionals YLP to bring a younger lighting professional for Dave Denner to invite representation from YLP

Dave Johnson said that he was due to stand down shortly as the Chair of ADEPT, but that he was putting in place succession planning to ensure the next ADEPT Chair is represented on the UKLB.

10. Business plan

Dave Denner discussed updating the business plan. The Board agreed to keep a focus on: Health and safety, Code of Practice implementation (and amendments), Website updates, State of the Nation, Promote public lighting as a profession, Annual lighting conference, Boundary issues.

Action: UKLB members to suggest proposals for the Business Plan and Dave Denner to update the UKLB Business Plan

11. HE Structural Monitoring

Dave Johnson said that HE was undertaking monitoring of the vibration set-up when new units are installed onto old columns. Part funding has been agreed for this as part of the UKRLG research programme and initial findings were that bracket arms of 1.5m were worst.

Dave Denner said that Swansea University was also involved in research in this area and would provide an update when appropriate.

Action: Graham Smith to provide details of the Safety Alert following the column collapse at Scotch Corner

12. Any other business

There was no other business recorded.

13. Date of next meeting

To be confirmed, but for 2019 (February, June and October) and agreed to hold one of the meeting in Cardiff (June).

Action: Dave Denner and Justin Ward to agree 2019 dates for meetings