

# Lifts Group

## Minutes of the CIBSE Lifts Group AGM 11 February 2014



### PRESENT

|                                |                                 |
|--------------------------------|---------------------------------|
| Gina Barney (Events Organiser) | WeeChuan Lim                    |
| John Bashford (Chairman)       | Tom Lowe                        |
| Bruce Bealey                   | Gordon Lucas                    |
| Michael Bottomley (Treasurer)  | Steve Marsh                     |
| Mark Broom                     | Kris McGough                    |
| Stephen Brunyee                | Nick Mellor                     |
| John Childs                    | John Merrill                    |
| Dave Cooper (Lift Academy)     | Steven Nash                     |
| Paul Davidson                  | D O'Connor                      |
| Elizabeth Evans (Publicity)    | Les Oliphant                    |
| John Gale                      | Phil Pearson (Committee Member) |
| Albert Glibert                 | Natt Peaty                      |
| Pat Gordon                     | Ian Piece                       |
| Len Halsey (Vice Chairman)     | Richard Peters (Secretary)      |
| Simon Hardy                    | Stewart Proctor                 |
| David Hichen                   | Andrew Saltmarshe               |
| Lionel Hutt                    | Adam Scott (BSI Representative) |
| David Jackson                  | Brian Stewart                   |
| Clive Johnson                  | Sandra Sykas-Taylor             |
| Keith Jones                    | Tony Warren                     |
| Troy Leach                     | Stephen Williamson              |

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### APOLOGIES

Tony Baker  
Stephen Williamson

### DISTRIBUTION

Lifts Group mailing list and web site  
Dr Ken Butcher (CIBSE), Nyree Hughes (CIBSE)

## **1. Welcome and apologies**

The meeting was opened by JB. Apologies were received from Tony Baker and Stephen Williamson.

## **2. Election of officers**

The following people were proposed and elected unanimously as officers of the Lifts Group:

Chairman, John Bashford (also responsible for Exhibitions)

Vice Chairman, Len Halsey

Secretary, Richard Peters

Treasurer, Michael Bottomley

BSI Representative, Adam Scott

Events Organiser, Gina Barney

Publicity, Elizabeth Evans

Lift Academy, David Cooper

Events, Phil Pearson

Events, WeeChuan Lim

## **3. Minutes of previous meeting**

The previous AGM had been circulated. They were reviewed and accepted without amendment.

## **4. Matters arising**

There were no matters arising not on the agenda.

## **5. Events**

RP presented a summary of the activities for 2013. A summary report of his presentation is attached to these minutes.

The next Lift & Escalator Symposium will be 25 to 26 September 2014, with EN81 and Guide D Section 3&4 workshops on 24 September. Additional Lifts Group and Lift Academy events will be announced in due course.

## **6. Treasurer's report**

The accounts had been circulated prior to the meeting. A copy is attached to these minutes.

The accounts were approved.

## **7. Standards and Regulations**

AS's report is attached to these minutes.

## **8. Next meeting**

Then next Lifts Group AGM and Evening Meeting will be on Tuesday 10 February 2015.

## **9. Presentations**

The meeting was followed by presentation on LOLER by Dr Gina Barney, Richard Hulmes and Anthony Taylor, The slides from both presentations are included in the Archive section of [www.cibseliftsgroup.org](http://www.cibseliftsgroup.org)



## **The CIBSE Lifts Group**

### **Review of 2013 and looking forward to 2014**

*By Dr Richard Peters*

The Chartered Institution of Building Services Engineers (CIBSE) is a professional body based in the UK that exists to support the Science, Art and Practice of building services engineering. It has members in over 90 countries and is represented on major bodies and organisations which govern construction and engineering occupations in the UK, Europe and worldwide. The CIBSE Lifts Group is a specialist forum for members who have an interest in vertical transportation. The group meets regularly to promote technical standards, training and education, publications and various aspects of the vertical transportation industry.



**The CIBSE Lift Group Executive 2014**

**Back row: Gina Barney, David Cooper, Len Halsey, Adam Scott, Elizabeth Evans**

**Front row: Richard Peters, WeeChuan Lim, John Bashford, Phil Pearson, Michael Bottomley**

The CIBSE Lifts Group elected officers for 2014 at its Annual General Meeting on the 11<sup>th</sup> February 2014. Those serving this year will be John Bashford (Chairman), Len Halsey (Vice Chairman), Richard Peters (Secretary), Michael Bottomley (Treasurer), Adam Scott (BSI Representative), Gina Barney (Events Organiser), Elizabeth Evans (Publicity), David Cooper (Lift Academy), Phil Pearson (Events Team) and WeeChuan Lim (Events Team).

The Lifts Group hosted a full schedule of events in 2013. The February meeting addressed *The real cost of lift maintenance* and reviewed the engineering behind *The 9350 tonne Strepv Thieu Boat Lifts*. The March seminar addressed a range of design issues and BS722:2012, a *Code of practice for safe working on lifts*. June saw a visit to the *Paternoster lift in the Arts Tower, University of Sheffield*; presentations cover topics including paternoster history, refurbishment, the client's prospective, and the possibilities for a next generation of high handling capacity devices.

September saw the third in a series of open forums on *Traffic Analysis & Simulation* bringing together many of the leading experts in this field from all over the world. The discussion this year focused on simulation templates and quality of service criteria, with a view to informing the development of the next edition of *CIBSE Guide D: Transportation systems in buildings*.



**Attendees of Lift (US: Elevator) Traffic Analysis & Simulation Open Forum, September 2013**

This open forum was immediately followed by the 3<sup>rd</sup> Symposium on Lift & Escalator Technology, held jointly with the University of Northampton. This two day conference event attracted international speakers and attendees with 17 peer reviewed technical papers presented.





Delegates at the 3<sup>rd</sup> Lift & Escalator Symposium

To end the year, there was a one day seminar in November with a mix of papers address design topics, projects and standards.

In 2013 the Lifts Group was delighted to celebrate with Dr-Eur.Ing Gina Barney when she was awarded an Honorary Fellowship of CIBSE, in recognition of her outstanding contribution to the lift industry, and to CIBSE.



Dr-Eur.Ing Gina Barney awarded Honorary Fellowship of CIBSE

The CIBSE Lifts Group 2014 programme will again provide a full schedule of events, and sees the Group commence work on the next revision of *CIBSE Guide D: Transportation systems in buildings*. For more information on current and past activities see [www.cibseliftsgroup.org](http://www.cibseliftsgroup.org).

The now well established *Symposium on Lift & Escalator Technologies* returns 25 to 26 September 2014. This popular event brings together experts from the field of vertical transportation, offering an opportunity for speakers to present peer reviewed papers on the subject of their research. Speakers include industry experts, academics and post graduate students. For more information and to respond to the call for papers, please see visit [www.liftsymposium.org](http://www.liftsymposium.org).

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| <b>CIBSE Lifts Group Accounts 2013</b> |
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|  |                    |               |                  |
|--|--------------------|---------------|------------------|
| <b>Balance carried forward from 2012</b> |                    |               | <b>£693.19</b>   |
|  | <b>Expenditure</b> | <b>Income</b> |                  |
| <b>AGM Dinner 5-2-13</b>                 |                    |               |                  |
| AGM Dinner                               | £179.91            |               |                  |
| Travel AGM                               | £86.00             |               |                  |
| Tea/coffee AGM                           | £45.60             |               |                  |
| <b>Man An Sem 6 March 2013</b>           |                    |               |                  |
| UMIST room+teas                          | £461.00            |               |                  |
| Badges, copying, travel                  | £92.00             |               |                  |
| 34 x £50 + 2 x £25                       |                    | £1,750.00     |                  |
| Sale of 10 x BS7255 @ £54                |                    | £540.00       |                  |
| <b>Man An Sem 13 November 2013</b>       |                    |               |                  |
| Registrations (20 @ £40)                 |                    | £800.00       |                  |
| UMIST room and signs                     | £589.40            |               |                  |
| Travel and misc                          | £72.00             |               |                  |
| <b>Totals</b>                            | £1,525.91          | £3,090.00     |                  |
| <b>Balance carried forward to 2014</b>   |                    |               | <b>£2,257.28</b> |

Note: Income benefited from sale of BS 7255 standards.

*Gina Barney*

Dr Gina Barney - 24 January 2014

Signed by Michael Bottomley, Treasurer  
Date



**Notes of MHE/4 AP meeting held at BSi on Wednesday 12<sup>th</sup> February 2014**

AJS attended the meeting in his capacity as the CIBSE Lifts Group BSi representative. The following key items were discussed and recorded below as an update to Lifts Group members.

**European Lifts Directive**

The chairman reported on the release of a new European Lifts Directive which is now available via the link:

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CONSLEG:1995L0016:LATEST:EN:PDF>

**FprEN 81-20**

*Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods Part 20: Passenger and goods passenger lifts.*

**FprEN 81-50**

*Safety rules for the construction and installation of lifts - Examinations and tests Part 50: Design rules, calculations, examinations and tests of lift components.*

Documents have now been received by BSi for Final Vote. These documents have been circulated to Lifts Group members for review and comments back by 31<sup>st</sup> March 2014. Timetable sees the new standards formally published in July 2014 with mandatory compliance by July 2017.

It is recognised that the publication of these documents will result in a further 20 European Standards possibly requiring review.

**BS EN 81-22**

*Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods Part 22: Electric passenger and goods passenger lifts with inclined travel path.*

Document being finalised with publication imminent.

**BS EN 81-28:2003**

*Safety rules for the construction and installations of lifts — Lifts for the transport of persons and goods Part 28: Remote alarm on passenger and goods passenger lifts.*

Members states are being consulted as to whether they consider a revision is necessary. Initial thoughts were that one was not however the discussion is not yet concluded. Still under review.

**BS EN 81-77**

*Safety rules for the construction and installations of lifts - Particular applications for passenger and goods passenger lifts - Part 77: Lifts subject to seismic conditions*

Published on 30<sup>th</sup> November 2013.

**BS EN 81-70:2003 Incorporating Corrigenda Nos. 1 and 2**

*Safety rules for the construction and installations of lifts — Particular applications for passenger and goods passenger lifts — Part 70: Accessibility to lifts for persons including persons with disability*

WG7 has now been mandated with the revision of this document, start has been delayed.

**BS EN 81-72:2003**

*Safety rules for the construction and installations of lifts — Particular applications for passenger and goods passenger lifts — Part 72: Firefighters lifts*

This standard's 5 year review is now underway. Draft for public comment will be forthcoming in due course, probably late this year.

**BS EN 81-73:2005**

*Safety rules for the construction and installations of lifts — Particular applications for passenger and goods passenger lifts — Part 73: Behaviour of lifts in the event of a fire*

This standard's 5 year review has started. Draft for public comment will be forthcoming in due course, probably late this year.

**BS EN 81-58:2003**

*Safety rules for the construction and installations of lifts — Examination and tests— Part 58: Landing doors fire resistance test*

This standard's 5 year review is now overdue however start on this work is in abeyance awaiting the finalisation of EN81-20 which is expected to introduce changes to the door design.

**EN 81-41**

*Safety rules for the construction and installation of lifts — Special lifts for the transport of persons and goods - Part 41: Vertical lifting platforms intended for use by persons with impaired mobility*

A debate is beginning on a proposal to review the scope of Part 41 to include for use by all people (i.e. not just those with impaired mobility), to include for enclosed hoistways and cars and to automate control, to intents and purposes create a “slow speed lift” standard.

There is concern that products currently compliant with BS EN 81-41:2010 are not designed to be used by all and are not “slow speed lifts”; there may therefore be a risk of creating products that may not be fit for purpose. A preferable approach would be to consider a new “slow speed lift” standard as it is not permitted to redefine the scope of a published standard.

#### **BS 5656 :Part 1**

*Safety rules for the construction and installation of escalators and moving walks Part 1: Examination and test of new escalators before putting into service – Specification for means of determining compliance with BS EN 115-1:2008+A1:2010*

Published November 2013.

#### **BS 9102**

*Code of practice for safe working on lifting platforms*

Published February 2014.

#### **Others**

A new British Standard is to be proposed to address the improvement of new and existing fire-fighting / firemans lifts.

A new British Standard is to be proposed to cover the testing of lifting platforms.

Members are once again reminded to look out for Lifts Group e-mails which draw their attention to the publication of new standards, both Draft For Public Comment (DPC) and final versions. Members are particularly encouraged to review and submit comments on DPC publications as this is the best way to influence future codes and standards. Members will note that future notifications will have the relevant documents attached to them making review and comment easier.