

Lift Engineering Society Of Australia

Changes to European Lift Codes
(EN81)

Changes to Australian Lift
Codes (AS1735)

June 2014

LESA was formed in 1983 and
incorporated as "Lift Engineering Society
of Australia" on 24th October 1991

Lift Engineering Society Of Australia

House keeping

Times :

Start 12.25 pm

Finish 1.15 pm

Refreshments until 2.00pm

Lift Engineering Society Of Australia

Back Ground

The international standards groups have been reviewing the international standards.

As part of this the
Pacific Asia Lift and Escalator Association
Has participated with the collation and
comment on the proposed changes.

Lift Engineering Society Of Australia

Today as our guest speaker we have
Mr Ian Todkill with us

Ian is the current President of

Pacific Asia Lift and Escalator Association

Lift Engineering Society Of Australia

Ian chaired a Pacific Asia Lift and Escalator Association (PALEA) meeting in Sydney in March 2012 to gather input from Australia as part of a world wide review of the proposed EN81 design rules changes. This now about to be implement as a working design standard.



Asia Pacific Input to EN81-20

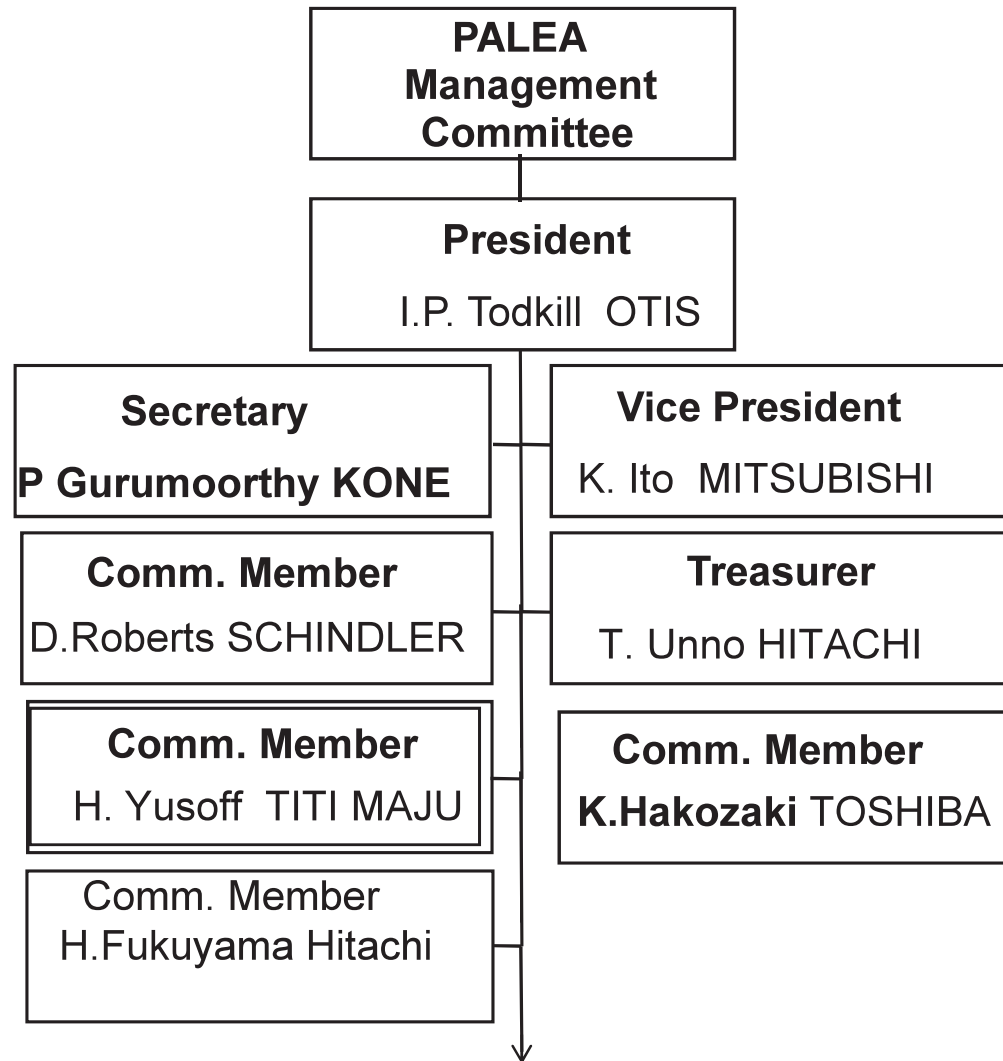
Comment Stage for EN81-20



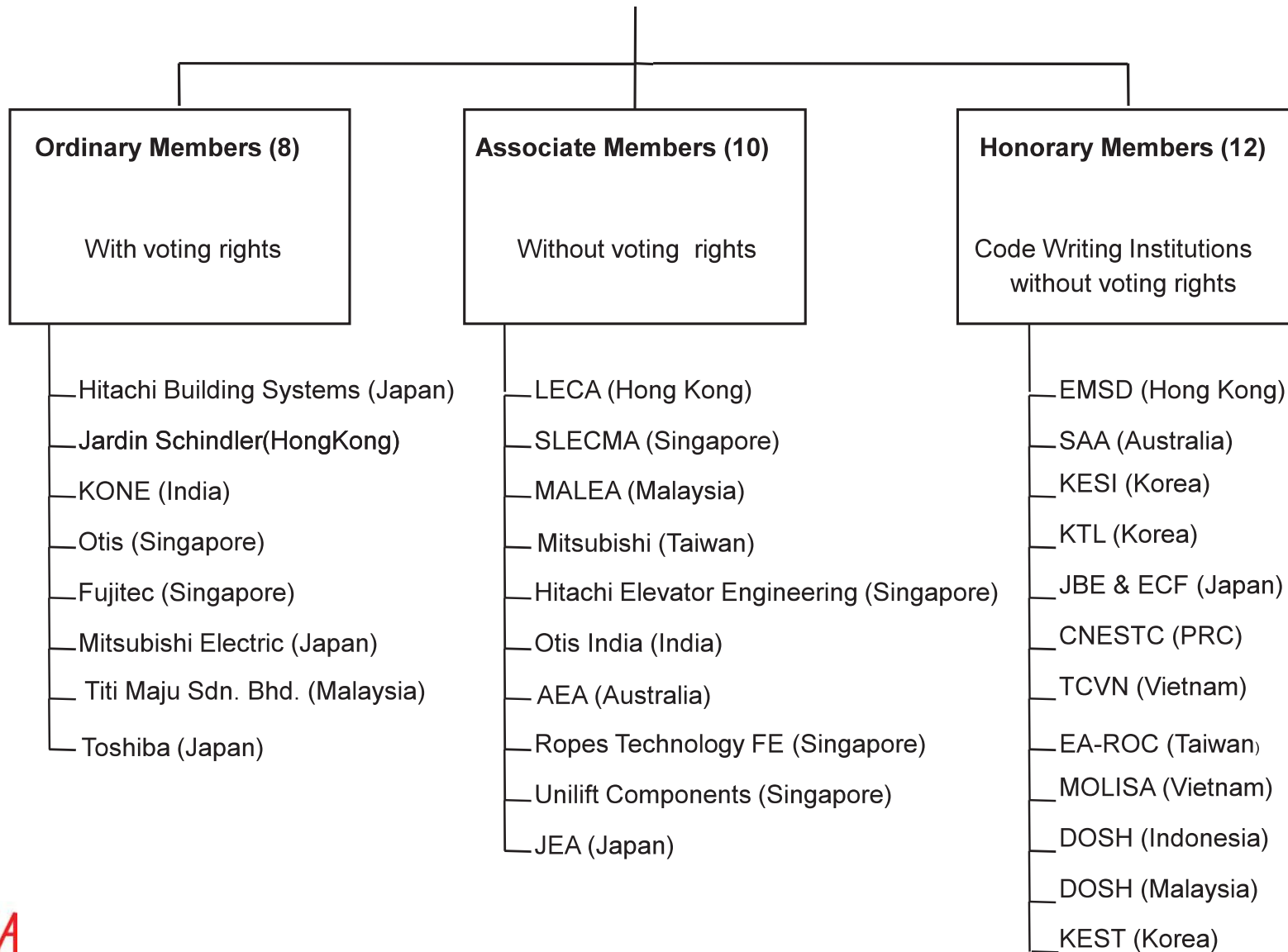
www.paea.org

15th February – 20th March 2012

Pacific Asia Lift and Escalator Association



Pacific Asia Lift and Escalator Association





PALEA Objectives

- Promote the harmonisation of safety codes and standards throughout the A-P Region

- Promote safety for
 - Users
 - Workers

- Promote and assist with the creation of standards where none exist

- Influence International Standards Organisations to consider the needs of the Asia Pacific Region in the development of their standards.



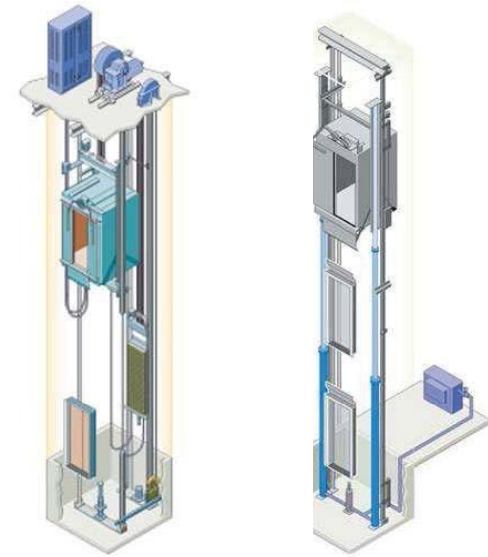
Asia Pacific Input to EN81-20

EN81-20 and EN81-50

EN 81-20

→ Passenger and goods passenger lifts

- Contains requirements for complete passenger or goods passenger lift installations independent of the driving system
- Groups all the technical requirements for design of
 - Electric drive systems (currently EN81-1)
 - Hydraulic drive systems (currently EN81-2)
 - All other drive systems



EN 81-50

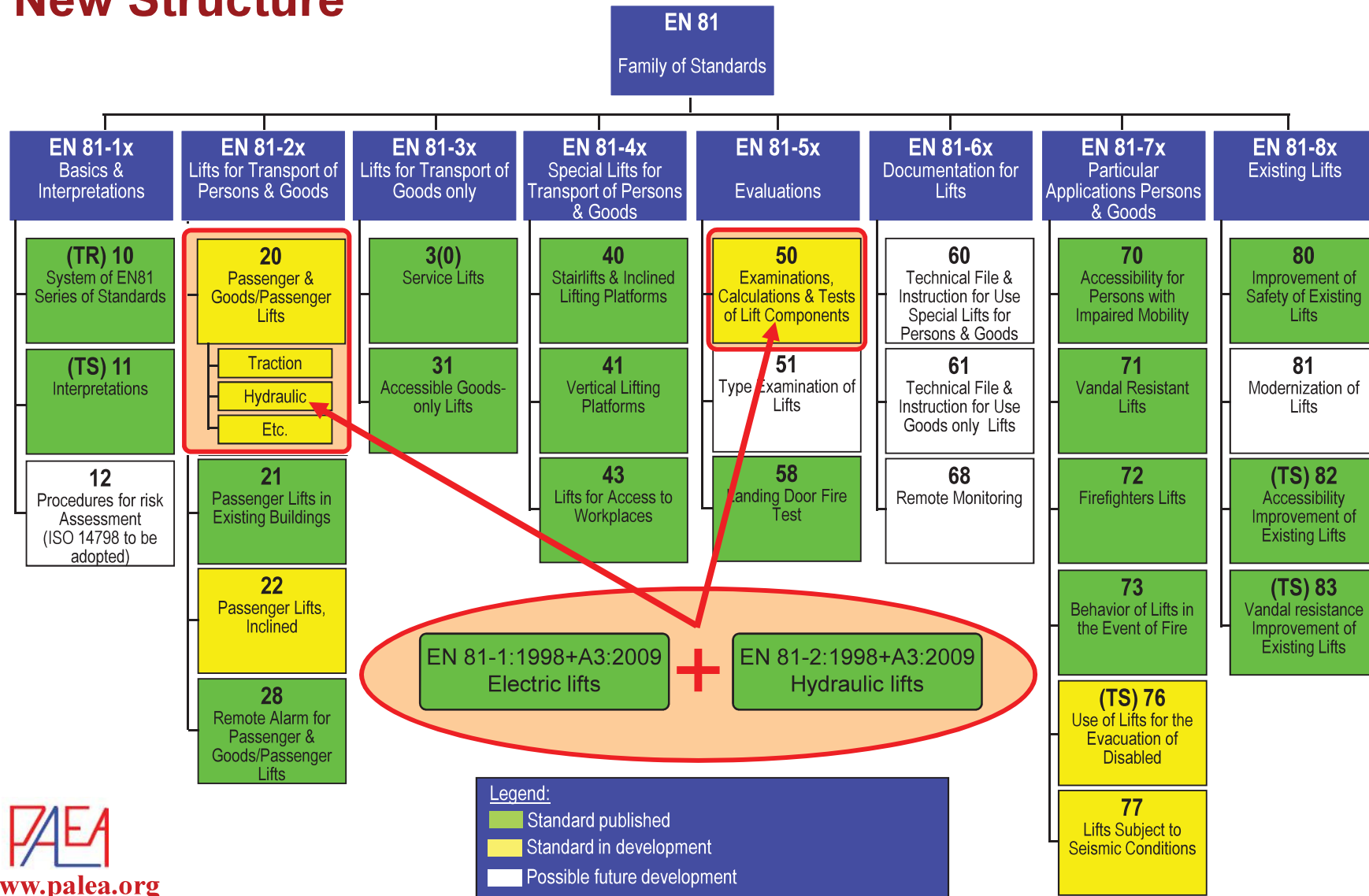
→ Examinations, calculations & tests of lift components

- Contains description of the examinations, calculations and tests of lift components used in any type of lift (passenger, goods passenger, goods only lift, etc.)



Asia Pacific Input to EN81-20

New Structure



Asia Pacific Input to EN81-20

Background

Evolution of the “state of the art” for safety

- The current standard is more than 13 years old and needed to be aligned with current safety requirements
- Needed to incorporate the result of studies of the Lift Industry on safety aspects, such as strength of the doors and requirements for safety spaces
- Needed to align with the requirements of the Asia Pacific Region

