

**Log of Meeting**

Subject: ASME A17/B44 Inspectors Manual Committee

Date of Meeting: November 18, 1997

Date of Entry: December 10, 1997

Log Entry Source: Scott Snyder, ESME (x1317)

Location: Marriott Inner Harbor, Baltimore, MD 21201

CPSC Attendee(s): Scott Snyder

Non-CPSC Attendees: See Attendance List (to follow, when available from ASME)

Summary of Meeting: See Meeting Agenda (Attached)

Meeting Minutes (to follow, when available from ASME)

CPSA 6 (b)(1) Cleared  
No Mfrs/Prvt. Bns or  
Products Identified  
Excepted by \_\_\_\_\_  
Firms Notified,  
Comments Processed.





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AGENDA

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**A17/B44 Inspectors' Manual Committee**

**November 17 & 18, 1997**

**Marriott Inner Harbor Hotel  
110 South Eaton Street  
Baltimore, MD 21201  
(410) 962-0202**

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- 1      **CALL TO ORDER -- 10:00 a.m.**
  
- 2      **RECORD OF ATTENDANCE**
  
- 3      **ADOPTION OF AGENDA**
  
- 4      **APPROVAL OF MINUTES - September 15 & 16, 1997**
  
- 5      **PERSONNEL**
- 5.1    **Committee Roster (Attachment 1)**
- 5.2    **Performance Activity Level (Attachment 2)**
  
- 6      **ANNOUNCEMENTS AND CORRESPONDENCE**
  
- 7      **REQUESTS FOR INTERPRETATION**
- 7.1    **Inquiry 96-56, Rule 2201.6, 2202.2 and 2203.2 Special Conditions  
Attachment 3**

**June 97:** Mr. McCain reported that a response has been developed; it will be forwarded to the Inspectors' Manual Committee for our concurrence.

**September 97:** No report.

**Discussion:**

**7.2 Inquiry 96-57 Rule 2201.6, 2202.2 and 2203.2 Special Conditions  
Attachment 4**

**September 97:** It was moved, seconded, and voted to approve the response and to seek Main Committee concurrence.

**Discussion:**

**7.3 Inquiry 97-18, A17.2.1-1993, Item 2.15.2, 5 Year Test. Drive Machine Brakes  
Attachment 5**

**September 97:** Response approved by IMC at June '97 meeting. The item is on the Main Committee September agenda for their concurrence.

**Discussion:**

**7.4 Inquiry 97-19, A17.1a-1994, Rule 1002.3d, 5 Year Brake Test  
Attachment 6**

**September 97:** Response approved by IMC at June '97 meeting. The item is on the Main Committee September agenda for their concurrence.

**Discussion:**

**7.5 Inquiry 97-29, A17.1-1996, Rule 1002.3 and Section 1003  
Attachment 7**

**September 97:** The Committee did not believe the inquiry was worded correctly to handle the item as a request for interpretation. The consensus was to consider the letter as a TR. It was moved, seconded, and voted (1 Abstain - Hayes) to seek Main Committee concurrence on the following response:

"Prior to receiving your letter, the Inspectors' Manual Committee had already taken steps to correct the oversight. A tracking number, TR 97-19, had been assigned to track the progress of the item. With your permission, your original request for an interpretation will be addressed by the Inspectors' Manual Committee as a request for technical revision.

Thank you for your interest in helping the Committee to improve the Code."

**Discussion:**

**7.6 Inquiry 97-30, A17.1-1996, Rule 1002.3d  
Attachment 8**

**September 97:** After discussing the item, it was determined that the item needed to be researched; a simple response could not be formulated at the time of the meeting. The Chairman assigned the inquiry to Mr. Caluori.

**Discussion:**

**8 Technical Revisions Affecting A17.1**

**8.1 Harmonized Tabulation of Part X**

**Discussion:** The tabulation has been submitted to CSA for their editorial review.

**8.2 TRs To Be Incorporated Into Harmonized Code**

**a) TR 94-52 A17.1 Rule 1003.1 (Herrity)  
Attachment 9**

**May 97:** It was moved, seconded, and voted to have Mr. Herrity determine if the issue is already addressed in the harmonized code.

**September 97:** The current wording under Rule 1003.1, acceptance criteria for new installations, is deficient. The acceptance requirements are lax; it neglects items which are addressed under periodic 5 year inspections and tests. This issue is properly addressed in the proposed Binational Code, however, due to the variables involved with its issuance and the importance of correcting this oversight, it was moved, seconded and voted to approve the proposal presented below and to request the Main Committee to issue an expedited ballot so TR 94-52 will be published in the 98 supplement to A17.1-1996.

**Section 1003  
Acceptance Inspection and Tests of Passenger  
and Freight Electric Elevators**

**Rule 1003.1 Inspection and Tests Required**

All new installations shall be inspected and tested to determine their safety and compliance with the requirements of this Code before being placed in service. The inspection and test shall include routine (Rule 1001.2), periodic (Rules 1002.2 and 1002.3d through i), and those specified in Rule 1003.2. Installations on which alterations have been performed shall be inspected and tested as required by Rule 1003.3 before being placed back in service.

**Reason:** 1) To correct an oversight since the 1984 Edition of A17.1.

- 2) For new installations, current wording omits certain testing requirements not specified in Rules 1001.2, 1002.2 and 1003.2 -- added references will now require testing of: brakes, standby power operation, emergency terminal stopping and speed limiting devices, power opening of doors, leveling zone and leveling speed, and inner landing zone.

**Discussion:**

**b) TR 94-128 A17.2.1 Brake Test (McCain)  
Attachment 10**

**May 97:** This item is currently being balloted by the Main Committee. It was moved, seconded, and voted to incorporate it into the harmonized code if approved by the Main Committee; otherwise, it will be tabled until after the harmonization process.

**September 97:** The Main Committee letter ballot results have not been tallied.

**Discussion:** The Main Committee Secretary has distributed the letter ballot results. The item failed and will now be tabled.

c) **TR 94-141a A17.1 Rule 1006.2h (Cunningham)**  
**Attachment 11**

**May 97:** This item is currently being balloted by the Main Committee. It was moved, seconded, and voted to incorporate it into the harmonized code if approved by the Main Committee; otherwise, it will be tabled until after the harmonization process.

**September 97:** The Main Committee letter ballot results have not been tallied.

**Discussion:** The Main Committee Secretary has distributed the letter ballot results. The item failed and will now be tabled.

d) **TR 97-19 Drive Machine Brake A17.1 Rule 1002.3d and A17.2.1, Item 2.15 (Herrity)**  
**Attachment 12**

**June 97:** It was moved, seconded, and voted to place this item on the agenda for harmonization. Mr. Herrity is to review and comment on the following proposal that had been developed by Mr. Donoghue:

A17.1  
**1002.3d Drive Machine Brake**

A17.2.1, Item 2.15, Drive Machine Brake  
**2.15.2 Periodic**

**5-Year Test.** For passenger elevators and freight elevators permitted to carry passengers, place 125% of rated load in the car at the lowest landing. Remove the power from the car. The brake should hold the car at the landing. Move the car to an upper landing and place 125% of rated load in the car and run it to the lowest landing, by normal operating means. The driving machine must safely lower, stop, and hold the car with this overload. The elevator is not required to attain rated load performance under overload conditions. The car is not required to raise this load or stop level within normal limits.

**September 97:** No action.

**Discussion:**

e) **Escalator Brake Testing at Acceptance Inspection (Hadaller)**  
**Attachment 13**

**September 97:** At the May '97 meetings, the Committee agreed to review Rule 1003.2b(4)(c)(1) again to determine what tests are required. Mr. Hadaller would revise the language after attending the upcoming Escalator Committee 8/97 meeting. Mr. Hadaller reported that he had written to the Escalator Committee; however, the Committee did not have an opportunity to reviewed the issue.

The consensus was to send a follow up letter informing the Escalator Committee that the Inspectors' Manual Committee has chosen to proceed forward with the proposed wording submitted under Mr. Hadaller's letter.

**Discussion:** The Escalator Committee has responded to Mr. Hadaller's letter, refer to Attachment 13.

**8.3 TRS TABLED UNTIL HARMONIZATION PROCESS IS COMPLETED (TABLED AT MAY 97 MEETINGS)**

- a) **TR 91-72 Testing Due To Governor Rope Replacement (Lloyd)**
- b) **TR 93-06 Definition Of Reset, Automatic Reset And Manual Reset (McCain)**
- c) **TR 93-55(b) CROSS REFERENCES BETWEEN A17.1-1993, PART III, AND A17.2.2 (Filippone)**
- d) **TR 94-71 A17.2.2 Item 1.10 (Filippone/McCain)**
- e) **TR 94-81 A17.1 Rule 2410.6 (McCain)**
- f) **TR 94-86 A17.2, Firefighter Service Checklist (McCain)**
- g) **TR 94-93a A17.1 Controller Replacement - Elevators (Filippone)**
- h) **TR 94-93c A17.1 NEC Corrections (Filippone)**
- i) **TR 94-93d A17.1 Escalator/Moving Walk Controller Replacement (Filippone)**
- j) **TR 94-141a A17.1 Rule 1006.2h (Cunningham)**
- k) **TR 95-08 A17.1 Rule 1002.3d and A17.2.1 Item 2.15.2 (Hayes)**
- l) **TR 95-81 Clarification of Rule 1000.1 (Taylor)**
- m) **TR 96-02 Annual and/or Five Year Tags (Filippone)**
- n) **TR 96-11 A17.1 Rule 1000.4 Welding Repairs (Herrity)**
- o) **TR 96-59 Rule 1005.2b Cylinders (Donoghue)**
- p) **TR 97-19 A17.1 Rule 1002.3d and A17.2.1 Item 2.15.2 (Herrity)**
- q) **TR 97-48 A17.2.1 Item 2.15.2, Test of Traction Limit**

**9 TECHNICAL REVISIONS AFFECTING INSPECTORS' MANUALS**

**9.1 TR 93-35 Language On Inspecting Manual Shut Off Valves (McCain)  
Attachment 14**

**June 97:** Mr. McCain reported that he had an opportunity to speak with the Chair of the Hydraulic Committee, Mr., Kappenhagen; he was in favor of the proposal. It was moved, seconded, and voted to submit the proposal for Main Committee concurrence.

**September 97:** The TR is on the Main Committee September agenda.

**Discussion:**

**9.2 TR 93-42 Rated Load Testing Of Hydraulic Elevators On Standby Power (McCain)  
Attachment 15**

**June 96:** The Electrical Committee has decided to table consideration of TR 93-42 until after harmonization has been completed unless the Inspectors' Manual Committee considers the issue to be a priority.

The Inspectors' Manual Committee requested the Secretary to inform the Electrical Committee that IMC considers this a priority issue that requires immediate attention.

**August 96:** By the Secretary's letter dated August 2, 1996, the Electrical Committee has been requested to address the issue now.

**September 97:** No Report.

**Discussion:**

**9.3 TR 93-55(a) CROSS REFERENCES BETWEEN A17.1-1993, PART III, AND A17.2.2  
(Donoghue/McCain)  
Attachment 16**

**June 96:** The Electrical Committee is advising the Inspectors' Manual Committee to see the counter proposal being submitted for TR 94-60. It should be noted that Part III, 3.2.3 in the proposal of TR 94-60 appears to address this issue.

The Inspectors' Manual Committee does not agree with the Electrical Committee's position. Mr. McCain will relay to Mr. Donoghue the Committee's discussion. Mr. McCain agreed to develop responses to the letter ballot comments for IMC approval. The item is to be submitted to the Electrical Committee for their concurrence.

**September 97:** Mr. McCain submitted Attachment 16 for Committee concurrence. The Committee did not agree with the proposal. The Chairman will express the Committee's concerns to Mr. McCain.

**Discussion:**

**9.4 TR 93-73 thru 93-85 INSPECTION PROCEDURES FOR MISCELLANEOUS EQUIPMENT**

**a) TR 93-73 DUMBWAITERS**

**June 96:** The Committee reviewed the draft and likes the content, but the requirements need to be reorganized to be in concert with the other Inspectors' Manuals -- 5 different sections, Inside Car, Machine Room, Top of Car, Outside Hoistway, and Inspections Made in the Pit. Since there is a lot of the commonality between elevators and dumbwaiters, the consensus was to persuade the Dumbwaiter Committee to not develop a stand alone manual, but to create an Appendix to A17.2.1 citing only the exceptions which are unique to the dumbwaiter world. Mr. Coaker agreed to relay to Mr. Peele the Committee's discussions.

**August 96:** The Chair reported that he had an opportunity to discuss the issue with Mr. Peele. Mr. Peele seemed to be amiable with the Committee's suggestions.

As an aside, with the inclusion of roped hydraulic elevators in A17.2.2, the consensus was to have Mr. McCain report at the next meeting his thoughts on combining A17.2.1 and A17.2.2. In line with the Dumbwaiter Section, an appendix to A17.2.1 would be created to cite the exceptions unique to hydraulic elevators.

**December 96:** No action.

**June 97:** The Committee discussed the possibility of combining the inspectors' manuals into one book. Mr. McCain would give the idea further consideration. For future agendas, it was moved, seconded, and voted to move this discussion under Old Business. It was moved, seconded, and voted (2 Disapprove - Filippone, Hayes) to table the item.

b) **TR 93-74 SIDEWALK ELEVATORS** - No Report.

c) **TR 93-75 PRIVATE RESIDENCE ELEVATORS** - No Report.

d) **TR 93-76 HAND ELEVATORS** - No Report.

e) **TR 93-77 MATERIAL LIFTS AND DUMBWAITERS W/ AUTOMATIC TRANSFER DEVICES** - No Report.

f) **TR 93-78 SPECIAL PURPOSE PERSONNEL ELEVATORS**

**Discussion:** Refer to Attachment 68.

g) **TR 93-79 RACK AND PINION ELEVATORS** - No Report.

h) **TR 93-80 INCLINED ELEVATORS**

**Discussion:** Refer to Attachment 67.

i) **TR 93-81 SCREW COLUMN ELEVATORS** -

**June 97:** It was moved, seconded, and voted (1 Disapproved - McDonald) to recommend that Part XXVIII be deleted from A17.1 and to close this TR. This type of equipment is no longer manufactured.

**September 97:** The item is on the Main Committee September agenda. The Committee reopened the item and it was moved, seconded, and voted to rescind the previous action and to request the Main Committee to not develop an inspection manual for screw column elevators -- Reason: Very few them exist.

**Discussion:**

**j) TR 93-82 ELEVATORS USED FOR CONSTRUCTION**

**August 96:** Mr. Herrity agreed to contact Mr. O'Boyle to determine the status.

**December 96:** No action.

**June 97:** No report.

**k) TR 93-83 WHEELCHAIR & STAIRWAY CHAIRLIFTS**

**June 97:** A motion was made to close this TR. It was not seconded.

**l) TR 93-84 SHIPBOARD ELEVATORS - No Report.**

**m) TR 93-85 ROOFTOP ELEVATORS - No Report.**

**9.5 TR 94-14 A17.2.1 and A17.2.2 Item 1.7.1(a) (Filippone)  
Attachment 17**

**January 96:** At the October '95 meeting of the A17 Main Committee, the Main Committee Chair ruled that consensus had been reached. The negative voter will be advised of his options.

It was moved, seconded, and voted to close the item.

**April 96:** The Chair reopened the item. Mr. Verschell was present during the discussions. Mr. Verschell stated that the intent of the revision to Ruic 204.5b was to remove collapsible gates in new and old buildings. After a lengthy discussion, it was moved, seconded, and voted to have the Hoistway Committee respond to page 1 of the Attachment.

**September 97:** No action.

**Discussion:**

**9.6 TR 94-26 A17.2.1 And A17.2.2 Items 3.23 AND 4.2 (Filippone)  
Attachment 18**

**September 97:** The TR is on the Main Committee September agenda.

**Discussion:**

**9.7 TR 94-60 GROUNDING OF CARS (Herrity)  
Attachments 19, 20 & 21**

**June 94:** The Secretary forwarded the TR to the Electrical Committee by his letter of 4/12/94, refer to Attachment 19.

**June 96:** The Electrical Committee had a lengthy discussion with regards to this TR. The Electrical Committee has developed a counter proposal covering the inspection of the grounding of cars, refer to Attachment 20. The Committee feels that this proposal covers the inspection in more detail. The requirements are based on the NEC-1993 Code. It was noted that changes made to paragraph 620-85 in NEC-1996 edition are not reflected within the current proposal but that the Electrical Committee will develop a supplement to address 1996 changes in the National Electric Code. In addition, the Electrical Committee is considering development of a schematic or pictorial explanations of grounding.

The Electrical Committee is going in the wrong direction. The original intent of the TR was to provide inspectors with practical guidance on grounding. Inspectors need to know what the acceptable limits are for grounding (will never get a reading of 0 volts on digital meters) and how to check for grounding (placement of probes).

**August 96:** Mr. Filippone submitted Attachment 21 for Committee information. The subject of grounding is not a simple issue for the Inspectors' Manual Committee to address. Mr. Herrity agreed to write a letter to the Electrical Committee informing them of our concerns. Inspectors need practical guidance on how to check for proper grounding.

**September 97:** No action.

**Discussion:**

**9.8 TR 94-68 A17.2.1 Clearances (Filippone)  
Attachments 22 & 23**

**December 96:** The Main Committee Secretary has forwarded Attachment 22 for consideration. No action.

**June 97:** Mr. Filippone reviewed the TR and believes Parts 1a and 1b are covered by TR 96-26. The rest may be answered by information contained in the A17.1 Handbook. Mr. Filippone agreed to research the item and report back.

**September 97:** Mr. Filippone submitted Attachment 23 for Committee concurrence. No action.

**Discussion:**

**9.9 TR 94-69 A17.2.1 Item 3.23.1 and A17.2.2 Item 3.18.1 (Filippone)  
Attachment 24**

**December 96:** The Main Committee Secretary has forwarded Attachment 24 for consideration. No action.

**June 97:** Mr. Filippone reviewed the TR and believes this is covered under TR 95-67. Therefore, he suggests that this TR be closed. It was moved, seconded, and voted to close the TR.

**September 97:** The item is on the Main Committee September agenda.

**Discussion:**

**9.10 TR 94-90 A17.2.1 Item 1.17.2(c) (McCain)  
Attachment 25**

**June 96:** The Electrical Committee has decided to table consideration of TR 94-90 until after the harmonization has been completed unless the Inspectors' Manual Committee considers this issue a priority.

The Inspectors' Manual Committee requested the Secretary to inform the Electrical Committee that IMC considers this a priority issue that requires immediate attention.

**August 96:** By the Secretary's letter dated August 2, 1996, the Electrical Committee has been requested to address the issue now.

**September 97:** No action.

**Discussion:**

**9.11 TR 94-93e Escalator/Moving Walks (Part X) (Filippone)  
Attachment 26**

**September 97:** The Committee revised the proposal, changes are inked in by hand. It was moved, seconded, and voted (1 Abstain - McDonald) to approve the proposal as amended and to incorporate it into the tabulation. The Committee advised the Secretary that figures 2.12.3 (a) & (b) are copyrighted material. The submittal of the A17.2.3 proposal to the Main Committee will be tabled until permission from NFPA is obtained.

**Discussion:**

**9.12 TR 94-94 A17.2.3 Item 1.14.2 Periodic Speed Test (McCain)  
Attachment 27**

**June 97:** Proposed responses to the letter ballot comments were submitted by Mr. McCain for Committee consideration. It was moved, seconded, and voted to close the item. Reason -- The present language is adequate.

**September 97:** The item is on the Main Committee September agenda.

**Discussion:**

**9.13 TR 94-109 A17.2.1 and A17.2.2 Sills (Filippone)  
Attachment 28**

**June 97:** It was moved, seconded, and voted to approve the response and to have the Main Committee rule for consensus.

**September 97:** The item is on the Main Committee September agenda.

**Discussion:**

**9.14 TR 94-129 A17.2.1 Electrical Protected Devices (Hayes)  
Attachment 29**

**June 97:** The Committee instructed Mr. Hayes to present the proposal in the proper format.

**September 97:** No action.

**Discussion:**

**9.15 TR 94-141b A17.2.2 Item 2.21.3 (Cunningham)  
Attachment 30**

**May 97:** The Committee split TR 94-141 -- TR 94-141a, A17.1 Rule 1006.2h; and TR 94-141b, A17.2.2 Item 2.21.3. Note: The Committee tabled TR 94-141a.

**September 97:** The results of the Main Committee letter ballot have not been tallied.

**Discussion:** The Main Committee Secretary has distributed the letter ballot results.

**9.16 TR 95-31b A17.2.3 Item 2.13.2, 2.13.4, 4.13.2 and 4.13.4 (McCain)  
Attachment 31**

**May 97:** The Committee split TR 95-31 -- TR 95-31a, A17.1 Rule 1008.2q; and TR 95-31b, A17.2.3 Items 2.13.2, 2.13.4, 4.13.2 and 4.13.4. Note: The Committee closed TR 95-31a; proposed revision needs to be removed from ballot.

**September 97:** The results of the Main Committee letter ballot have not been tallied.

**Discussion:** The Main Committee Secretary has distributed the letter ballot results.

**9.17 TR 95-32 A17.2.3 Item 2.4.2(d) and 4.4.2(b) (McCain)  
Attachment 32**

**March 97:** The TR is on the March '97 Main Committee agenda.

**June 97:** The results of the Main Committee letter ballot have not been tallied.

**September 97:** No action.

**Discussion:** The Main Committee Secretary has distributed the letter ballot results.

**9.18 TR 95-42 A17.2.3 Item 4.4.2 Method to Verify/Measure Braking Deceleration (Filippone)  
Attachment 33**

**December 96:** The TR was submitted to the Escalator and Moving Walk Committee by the Secretary's letter dated November 21, 1996.

**March 97:** The Escalator and Moving Walk Committee responded. No action.

**June 97:** Mr. Filippone voiced an objection toward the Escalator and Moving Walk Committee's proposal. Mr. Filippone agreed to draft for Committee approval a letter informing them that 1) temperature has an affect on brake torque; 2) the use of an accelerometer should be an option; and 3) the incorporation of the Canadian stopping distance chart should be utilized.

**September 97:** Mr. Filippone submitted Attachment 33 for Committee concurrence. No action.

**Discussion:**

- 9.19 TR 95-65 A17.2.1 Item 3.23.1(b)(2) and A17.2.2 Item 3.18.1(b)(2) (Donoghue)  
Attachment 34

**June 97:** It was moved, seconded, and voted (1 Abstain - Hayes) to approve and submit the TR for Main Committee reconsideration.

**September 97:** The item is on the Main Committee September agenda.

**Discussion:**

- 9.20 TR 95-67 A17.2.1 Items 1.7, 3.23.1, 4.2, and 4.4.3; and A17.2.2 Items 1.7, 3.18.1, 4.2 and 4.4.3  
(Filippone)  
Attachment 35

**June 97:** The results of the Main Committee letter ballot have not been tallied.

**September 97:** No action.

**Discussion:** The Main Committee Secretary has distributed the letter ballot results.

- 9.21 TR 95-77 A17.2.1 Items 2.8.3 and 3.18.2; and A17.2.2 Items 2.8.3 and 3.13.2 (Donoghue)  
Attachment 36

**June 97:** The results of the Main Committee letter ballot have not been tallied.

**September 97:** No action.

**Discussion:** The Main Committee Secretary has distributed the letter ballot results.

- 9.22 TR 95-78 A17.2.1 and A17.2.2 Item 4.2.3 (Donoghue)  
Attachment 37

**June 97:** The results of the Main Committee letter ballot have not been tallied.

**September 97:** No action.

**Discussion:** The Main Committee Secretary has distributed the letter ballot results.

- 9.23 TR 95-80 A17.1/A17.2.3 Testing of Reversal Stop Devices (Filippone)  
Attachment 38

**June 97:** The Committee reviewed the Escalator and Moving Walk Committee's proposal and believed the test procedures were unrealistic. Mr. Filippone agreed to draft for Committee approval a letter informing them that procedures need to be provided by the manufacturer or installer of the equipment.

**September 97:** No action.

**Discussion:**

**9.24 TR 95-83 A17.2.1 and A17.2.2 Item 4.10 (Schloss)  
Attachment 39**

**June 97:** The results of the Main Committee letter ballot have not been tallied.

**September 97:** No action.

**Discussion:** The Main Committee Secretary has distributed the letter ballot results.

**9.25 TR 95-85b A17.2.2 Roped Hydraulic Elevators (McCain)  
Attachment 40**

**March 97:** Mr. McCain agreed to address the letter ballot comments.

**September 97:** No action.

**Discussion:**

**9.26 TR 95-95b Static Control Elevators (Schloss)  
Attachment 41**

**September 97:** The TR is being spilt up -- TR 95-95a, A17.1 Rule 1006.2h; TR 95-95b A17.2.2 Item 2.21. Revisions have been inked in by hand on page 3 of the Attachment. It was moved, seconded and voted to approve TR 95-95a and incorporate the revision in the harmonization package. It was moved, seconded, and voted to approve TR 95-95b.

**Discussion:**

**9.27 TR 96-01B Item 2.16.1.1 (Unassigned)  
Attachment 42**

**TABLED**

**April 96:** It was moved, seconded, and voted to table this item until the Existing Installations Committee approves TR 96-01A.

**Discussion:** The TR had been transferred to the Maintenance Committee. The TR has been incorporated into the harmonized tabulation, rule 2004.1(g).

**9.28 TR 96-12 A17.2.3 Item 1.10.1 (McCain)  
Attachment 43**

**June 97:** It was moved, seconded, and voted to approve the responses and to submit the proposal for Main Committee reconsideration.

**September 97:** The item is on the Main Committee September agenda.

**Discussion:**

**9.29 TR 96-13 A17.2.1 and A17.2.2 Item 6.4.2(e)(14) (Donoghue)  
Attachment 44**

**June 97:** The results of the Main Committee letter ballot have not been tallied.

**September 97:** No action.

**Discussion:** The Main Committee Secretary has distributed the letter ballot results.

**9.30 TR 96-14 A17.2.1 and A17.2.2 Item 6.4.2(g)(2) (Donoghue)  
Attachment 45**

**June 97:** The results of the Main Committee letter ballot have not been tallied.

**September 97:** No action.

**Discussion:** The Main Committee Secretary has distributed the letter ballot results.

**9.31 TR 96-15 A17.2.1 and A17.2.2 Item 6.4.2(b)(9) (Donoghue)  
Attachment 46**

**June 97:** The results of the Main Committee letter ballot have not been tallied.

**September 97:** No action.

**Discussion:** The Main Committee Secretary has distributed the letter ballot results.

**9.32 TR 96-16 A17.2.1 and A17.2.2 Item 6.4.2(b)(10) (Donoghue)  
Attachment 47**

**June 97:** The results of the Main Committee letter ballot have not been tallied.

**September 97:** No action.

**Discussion:** The Main Committee Secretary has distributed the letter ballot results.

**9.33 TR 96-17 A17.2.1 and A17.2.2 Item 6.4.2(b)(1) (Donoghue)  
Attachment 48**

**June 97:** The results of the Main Committee letter ballot have not been tallied.

**September 97:** No action.

**Discussion:** The Main Committee Secretary has distributed the letter ballot results.

**9.34 TR 96-18 A17.2.1 and A17.2.2 Item 3.23.3 (Donoghue)  
Attachment 49**

**June 97:** The results of the Main Committee letter ballot have not been tallied.

**September 97:** No action.

**Discussion:** The Main Committee Secretary has distributed the letter ballot results.

**9.35 TR 96-46 Inspection of Suspension Rope Anti-Rotation Devices (McCain)  
Attachment 50**

**June 97:** The results of the Main Committee letter ballot have not been tallied.

**September 97:** Mr. Lloyd forwarded Mr. Saxer's comments to Mr. McCain. Although the Main Committee letter ballot results have not been forwarded to the Committee, Mr. McCain has revised the proposal to resolve Mr. Saxer's concerns and is now seeking the Committee's concurrence. No action.

**Discussion:** The Main Committee Secretary has distributed the letter ballot results.

**9.36 TR 96-47 Inspection of Buffers (McCain)  
Attachment 51**

**August 96:** It was moved, seconded, and voted to approve and submit the TR to Mechanical Design for their concurrence prior to submittal to the Main Committee.

**March 97:** No action.

**May 97:** No action.

**June 97:** The Secretary has not had the opportunity to forward the TR to the Mechanical Design Committee. Messrs. Barkman and McDonald voiced their concerns with the proposal. The Chair instructed the Secretary to not forward the proposal to the Mechanical Design Committee. Messrs. Barkman and McDonald agreed to review and revise the proposal to mitigate their concerns.

**September 97:** No action.

**Discussion:**

**9.37 TR 97-5 A17.2.1 Figure 6.4.2(g)(2) (Donoghue)  
Attachment 52**

**December 96:** Per Mr. Donoghue's verbal request, a TR was opened to revise Figure 6.4.2(g)(2). The item was assigned to Mr. Donoghue. The number assigned to this technical revision is, TR# 97-005, A17.2.1 Fig. 6.4.2(g)(2).

**June 97:** It was moved, seconded, and voted to show both the old and new code requirements for signs within the inspectors' manuals.

**September 97:** Mr. Donoghue was seeking the Committee's concurrence on Attachment 52. No action.

**Discussion:**

**9.38 TR 97-22 A17.2.1 and A17.2.2 Figure 2.71 and Item 2.7.1 (Herrity)  
Attachment 53**

**June 97:** It was moved, seconded, and voted (1 Disapproved - Herrity) to approve the TR and to submit it for Main Committee concurrence.

**September 97:** The item is on the Main Committee September agenda.

**Discussion:**

**9.39 TR 97-23 A17.2.2 Item 2.11 (McCain)  
Attachment 54**

**June 97:** It was moved, seconded, and voted (1 Disapproved - Herrity) to approve the TR and to submit it for Main Committee concurrence.

**September 97:** The item is on the Main Committee September agenda.

**Discussion:**

**9.40 TR 97-24 A17.2 Item 1.8.2 (Mechanical Design Committee)  
Attachment 55**

**March 97:** This item was addressed by IMC under TR 94-92 and subsequently closed by the Main Committee in April '96. The Mechanical Design Committee rediscussed the issue.

**June 97:** It was moved, seconded, and voted (1 Disapproved - Herrity) to approve the TR and to submit it for Main Committee concurrence.

**September 97:** The item is on the Main Committee September agenda.

**Discussion:**

**9.41 TR 97-41, Handrail and Handrail Stand Finger Entrapment  
Attachment 56**

**June:** Although the Main Committee Secretary has not acknowledge receipt of the letter, it was moved, seconded, and voted to forward the letter to the Escalator and Moving Walks Committee for their input. The Committee believes this may have already been addressed under the harmonization effort.

**September 97:** The letter has been forwarded to the Escalator Committee by the Secretary's letter dated, 6/27/97. The Main Committee Secretary had recently acknowledge receipt of the letter and assigned a tracking number -- TR 97-41.

**Discussion:**

**9.42 TR 97-42 A17.2.1 Item 5.3.2  
Attachment 57**

**Discussion:** The Main Committee Secretary is requesting the Committee to address the issue.

**9.42 TR 97-49 A17.2.1 and A17.2.2, Item 2.5.1, Glass Car Enclosures (Herrity)  
Attachment 58**

**September 97:** It was moved, seconded, and voted to approve the proposals as amended and to seek Main Committee concurrence.

**Discussion:**

**9.43 TR 97-50, A17.2.1 Item 2.23.1 and A17.2.2 Item 3.26.1 Rope Changes (Herrity)  
Attachment 59**

**September 97:** It was moved, seconded, and voted to approve the proposals as amended and to seek Main Committee concurrence.

**Discussion:**

**9.44 TR 97-51, A17.2.2 Item 3.4.1, Vertical Clearance with Underslung Car Frames (McDonald)  
Attachment 60**

**September 97:** It was moved, seconded, and voted to approve the proposal and to seek Main Committee concurrence.

**Discussion:**

**9.45 TR 97 - 52, Referencing A17.5 within A17.2 Manuals (Unassigned)**

**September 97:** IMC requested a tracking number be assigned to this item -- TR 97-52.

**Discussion:**

**10 INCORPORATION OF APPROVED A17.1 REVISIONS INTO THE INSPECTORS' MANUALS**

**10.1 TRs Incorporated In A17.1a-1988 Through A17.1-1993  
Attachment 61**

**June 97:** The Chair requested individuals whose names appear on the matrix to complete their assignments before the upcoming September 15 & 16, 1997 meetings.

**September 97:** Mr. Hayes submitted Attachment 62. It was moved, seconded, and voted to remove from the matrix TR 88-05, 88-59 and 89-58. As for TR 88-60, the Chairman requested Mr. Hayes to submit his proposal in the proper format for consideration at the November '97 meeting.

On behalf of Mr. Cunningham, Mr. McDonald submitted several proposals. Mr. McDonald agreed to rework portions of TR 83-49.

**Discussion:** Mr. McDonald is submitting Attachment 63.

**10.2 TRs Incorporated In A17.1a-1994 Through A17.1-1996**

**June 97:** The Committee discussed other methods to manage this item more efficiently. It was moved, seconded, and voted to table this item until the September 1997 meetings. The Chair is to consider the formation of Task Groups -- each group would be assigned sections within the manuals to maintain.

**September 97:** The consensus was to have the Chairman form Task Groups and assign each group a section number. The Chairman will submit his recommendation to Messrs. Donoghue, Filippone, Hadaller and McCain for their review and comment. Each group will be responsible for ensuring that their section will be current with the approved changes being made to the Code.

**11 OLD BUSINESS**

**11.1 Rule 1005.3a Inspection of Unexposed Portions of Pistons (Hayes)  
Attachment 64**

**June:** The Committee requested Mr. Hayes to present the proposal in the proper format and to reword it from the mechanic's perspective.

**September 97:** The Chairman requested Mr. Hayes to present the proposal in the proper format. The Committee will not discuss the item until the proposal is in the acceptable format. Mr. Hayes objected, and would take the Chairman's request under consideration.

**Discussion:**

**11.2 New Rule for Overspeed Valve Testing  
Attachments 65 & 66**

**June 97:** The Hydraulic Committee submitted Attachment 65. The Committee did not agree with the proposal. The proposal would require manufacturers to oversize their valves to meet the 140% requirement. Mr. Barkman agreed to draft a letter of concern to the Hydraulic Committee and to develop a requirement to have manufacturers' of the valve provide written field testing methods/procedures. The inspector should not conduct the test, but rather witness the test.

Note: Mr. Schloss submitted Attachment 66 after the meeting.

**September 97:** No report.

**Discussion:**

**11.3 Consolidation of Inspectors' Manuals (McCain)**

**June 97:** The Committee discussed the possibility of combining the inspectors' manuals into one book. Mr. McCain would give the idea further consideration.

**September 97:** No Report.

**Discussion:**