



THE INSTITUTE OF  
ELECTRICAL AND  
ELECTRONICS  
ENGINEERS, INC.

VEHICULAR TECHNOLOGY SOCIETY

Land Transportation Committee

PLEASE REPLY TO:

Land Transportation Committee

Washington Chapter

June 9, 1987

Social Hour:  
11:30 AM

Subject: The Iron Highway -- An  
Integrated Transport System

Lunch:  
12:00 Noon

Speaker: Thomas H. Engle  
New York Air Brake Company

Place: Marvin Center, 3rd Floor  
George Washington University  
800 - 21st Street, NW  
Washington, DC

Contact: Jerry Hott (785-1351), or  
Helmut Kolig (383-3034) for  
reservations before 4:00 PM,  
Friday, June 5, 1987

Under the title "The Iron Highway - An Integrated Transport System," Mr. Engle will present the advantages and drawbacks of the existing Railway Freight Transport System and show how, in general, an integrated system design approach can be used to augment the advantages and overcome the drawbacks. Four systems:

- Terminal Loading and Unloading
- Propulsion and Control
- Cars and Suspension
- Maintenance and Repair

are designed independently in order to maximize performance and minimize cost. Finally, examples of the application of the integrated design methodology will be given by explaining the design of New York Air Brake Company's Iron Highway Trailer Train System.

Mr. Engle holds a BSME degree from Wayne State University and has worked for the RI, NYC and C&O Railroads. He is presently General Manager, New Product Development at NYAB Company.

This will be the final meeting of the Land Transportation Committee for the 1986/87 season. We wish you an enjoyable summer and hop to see you again at our first meeting in September 1987.



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PLEASE REPLY TO:  
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Washington Chapter

September 15, 1987

Social Hour: 11:30 AM  
Lunch: 12:00

Subject: Intermodal Communications Network

Speaker: Thad H. Harden  
Manager, Telecommunications  
Technology  
ARINC Research Corporation

Place: Marvin Center, 3rd Floor  
George Washington University  
800 - 21st Street, N.W.  
Washington, D.C.

Contact: Jerry Hott or Leslie Randall  
(785-1351), or Helmut Kolig  
(383-3034) for reservations

The 1987/88 season of meetings of the Land Transportation Committee will be opened with a presentation by Mr. Thad H. Harden, Manager Telecommunications Technology at ARINC Research Corporation, on the topic of a proposed intermodal communications network. A system for intermodal, electronic data interchange, acquired, integrated, and operated by the transportation industry could interconnect existing, established computer and communications systems and provide for an industry-wide data exchange.

Please note that this September meeting will take place on the third Tuesday of the month (September 15) due to the preceding Labor Day weekend.

In addition, we have to announce the following: As the cost for meals and drinks at the George Washington Club has increased during our last meeting session, we are, regrettably, forced to set the luncheon cost at \$15 per person for this year. This will, however, include one beverage (beer, wine, or soda) at no extra charge. We will still request you pay in cash (no personal checks, please.)

Please make reservations before 4:00 p.m., Tuesday, September 11.



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PLEASE REPLY TO:  
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Washington Chapter

October 13, 1987

Social Hour:                    Subject:   Rail Passenger Projects  
11:30 AM  
Lunch:                            Speaker:   Arrigo P. Mongini  
12:00                                Federal Railroad Administration  
  
                                      Place:       Marvin Center, 3rd Floor  
                                      George Washington University  
                                      800 - 21st Street, N.W.  
                                      Washington, D.C.  
  
                                      Contact:   Jerry Hott 785-1351, or  
                                      Helmut Kolig 383-3034  
                                      for reservations

This months speaker is Mr. Arrigo P. Mongini, Deputy Associate Administrator for Passenger and Freight Services. Mr. Mongini will be discussing the status of past, present and future Northeast Corridor Improvement projects as well as other FRA activities.

Mr. Mongini holds both a Bachelors and a Masters Degree from MIT in Civil Engineering. He has worked as head of the Central Transportation Planning staff in Boston, as Assistant Budget Director at the Massachusetts Bay Transportation Authority, and as Division Chief in the office of the Secretary of the USDOT.

Please make reservations before 4:00 p.m., Friday, Oct. 9.



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PLEASE REPLY TO:  
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Washington Chapter

November 10, 1987

Social Hour:  
11:30 AM  
Lunch:  
12:00

Subject: The Effects of Imported Railroad  
Products on the North American  
Railroad Industry from an  
Importer's Perspective

Speaker: Alan Briggs  
Sales Mgr.- Track Products  
British Steel Corp., Inc.

Place: Marvin Center, 3rd Floor  
George Washington University  
800 - 21st Street, N.W.  
Washington, D.C.

Contact: Jerry Hott 785-1351, or  
Helmut Kolig 383-3034  
for reservations before  
Friday Nov. 6, 1987, 4 PM

This month's presentation will outline the developments in rail and track technology since the early 1970's and the possible directions of future developments.

Mr. Alan Briggs is presently Sales Manager-Track Products for British Steel Corp., Inc. He moved to the United States in 1976 when he joined the Strip Mills Division of the state owned British Steel Corporation. He took over the sales of rails in 1979 and has recently been involved in the introduction and development of new types of trackwork, switch machines, and grade crossing barriers.



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PLEASE REPLY TO:

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December 8, 1987

Social Hour:  
11:30 AM

Subject: Rail Based "Peace Keeper"  
Missile System

Lunch:  
12:00

Speaker: Lt.Col. Thomas Maxwell  
U.S. Air Force

Place: Marvin Center, 3rd Floor  
George Washington University  
800 - 21st Street, N.W.  
Washington, D.C.

Contact: Jerry Hott 785-1351, or  
Helmut Kolig 383-3034  
for reservations before  
Friday, Dec. 4, 1987, 4 PM

Lt.Col. Maxwell is the project monitor on the Secretary of the Air Force's staff for the Peacekeeper missile. As part of his duties, he works closely with the U.S. rail industry, major segments of the aerospace industry, othe branches of the Department of Defense, State Department, Department of Transportation, and various congressional staffs. Colonel Maxwell has 17 years of experience in acquiring, supporting and operating intercontinental ballistic missile systems. He has been assigned to his present position in the Pentagon for two years.