

Title of Paper: Status of Loran in Europe

Name of Author/Presenter : Mr. Jacques MANCHARD Title/Grade : Senior Engineer

Present Post: Maritime Safety Sub-director deputy  
Head of the Maritime Aids to Navigation Unit (Phares et Balises)

Company/Institute: Ministry for Ecology, Energy, Sustainable development and Town and  
Country Planning  
General Directorate for Infrastructure, Transport and the Sea  
Directorate for Maritime Affairs

Professional CV (Information for introduction by Session Chairman) :

Mr Jacques Manchard was graduate from the E.N.T.P.E. (French National Public Works School) in 1974. He then held several technical and management positions in the Ministry of Infrastructures, Transport and Housing (road building and maintenance, office and data processing blocks construction, airport project management) in France and in foreign countries. Since 1997, he is in charge of the policy and management of the French aids to navigation (8300 visual marks, radio navigation systems, 36 depots, 1150 people, in France and in its overseas departments and territories). He has developed a modernisation plan (new types of buoys and tender boats, updating of the equipment, DGPS, new type of RACON). This has been made possible due to a very important increase in the budget.

Since 2007, he is also the Maritime Safety Sub-director deputy, especially in charge of piloting topics relative to maritime radionavigation international systems (GPS, Galileo, Loran), and of the definition and implementation of a management control of the Sub-Directory.

He has been vice chairman of the North West European Loran C System (NELS).

He is member of the French Institute of Navigation (IFN) and has received the IFN medal for the year 2001.

He his member of the Royal Institute of Navigation (London).

He is director at the board of the International Loran Association.

He is chairman of the European Maritime Radio Navigation Forum (EMRF).

He is the representative of French Ministry in charge of Transport and the Sea representative at the International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA) Council.