



**Society of Naval Architects and Marine Engineers  
2009 Annual Meeting and Expo**

**Title:** Can RFID be Successfully Used in Shipbuilding?

**SNAME PS#:** P07

**Authors:** Jeroen Pruyn, Julio Carrasquilla, Willem Molenaar

**Contact:** J.F.J.Pruyn@tudelft.nl

**Abstract:** The goal of this paper is to investigate the feasibility and possibilities of RFID in shipbuilding. Through a literature study various similar applications have been found with very promising results. Next we analysed representative shipbuilding processes and identified the possible benefits of the application of RFID, such as reducing errors in data transfer, localization etc. Based on this we set up a number of tests with the industry, providing practical feedback on feasibility, reliability etc. Preliminary results seem very promising for some of the foreseen applications.

**Keywords:**