

BIOGRAPHY

James F. DeLorme

Pres: LORMEGA SYSTEMS Inc.

Mr. DeLorme received a BSEE in 1962 from New Jersey Institute of Technology, in Newark, New Jersey, USA. He was employed by ITT Industries, (formerly ITT Fed Labs & ITT Avionics Div), from 1962 to his retirement in Nov. 1999. He currently resides in Point Pleasant, NJ.

Principal activities from 1962 to 1978 involved design and development of various radio navigation receivers. These included LORAN, OMEGA, DECCA and GPS receiver/processors. Developments included the first design of a LORAN receiver using microprocessors, see NAVIGATION publication below. Subsequent engineering activity included Systems engineering on;

- US Defense Communication Agency (DCA)'s Adaptive HF communications system, - "New Look"
- US Navy's Joint Tactical Information Distribution System – JTIDS
- USAF Electronic Countermeasures System - ALQ-172
- Developed state-of-the-art, digitized, LORAN-C processor, demonstrated to US Coast Guard, Wildwood, NJ Aug 2000

Mr. DeLorme is the co-holder of 3 patents, and author/co-author/reference of the professional papers as follows:

US PATENTS:

- #3,447,081 - May 1969
- #3,518,556 – June 1970
- #3,526,841 – September 1970
- NAVIGATION: Journal of the Institute of Navigation (ION), Vol. 22, No. 2, Summer 1975.. "Low Cost Processing for LORAN-C and OMEGA.
- ITT Technical Journal – Electrical Communication, Vol. 50, No. 4, 1975 "Low Cost Airborne LORAN-C Navigator.
- NATO/AGARD Conference Proceedings No. 176, August 1976 – Low Cost Navigation Processing for LORAN-C and OMEGA.
- GLOBAL POSITIONING SYSTEM: Papers published in NAVIGATION – Volume 1 (ION) – 1980 (Used as reference in "A Navigation Algorithm for the Low-Cost GPS Receiver – Pg. 166)

Presented paper, (APPLICATION OF CURRENT TECHNOLOGY TO LORAN-C RECEIVER/PROCESSOR) at ILA 29th Annual Convention Wash. DC Nov 14, 2000