



**Hello**

Welcome to Nautel Navigator with an update from DSEI, eLORAN developments, DGPS and SONAR news, and two new technical support 'how-to' videos.

We would love to hear from you. Please send input for future topics to [nav@nautel.com](mailto:nav@nautel.com). Thank you!

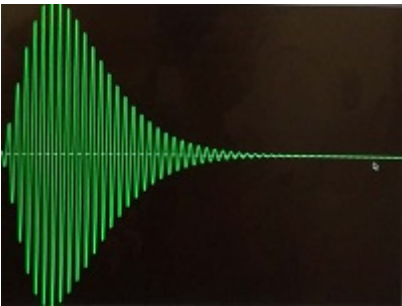
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**Growing Interest in USA for eLORAN**

In recent years the number of GNSS jamming incidents has increased and a growing number of US federal government agencies recognize that the lack of a reliable back-up system for GPS represents an economic and security threat. Interest in developing eLoran as a reliable, land-based solution has grown and in March a bipartisan bill (the National Positioning, Navigation, and Timing Resilience and Security Act of 2015) calls for the Secretary of Defense to provide a back-up for GPS using eLoran within three years.



In February, the US Army issued an RFI for eLoran and GPS-integrated receivers. In June, eLoran signal tests were conducted in New Jersey with the support of the U.S. Coast Guard, Department of Defense, Department of Homeland Security and other federal agencies. And in September, federal officials met to further debate the option of using eLoran as a secure and complementary system for GPS.

[Learn more about Nautel's eLoran and LF PNT Solutions >](#)

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**Direct From the Floor at DSEI London**

In September Nautel C-Tech Ltd. attended the Defence and Security Exhibition International (DSEi) trade show and conference in England. It is one of the largest defence trade shows attracting over 1,500 exhibitors and an estimated 85,000 visitors.

The show was a success with a large number of visitors and delegations expressing an interest in knowing more about Nautel C-Tech's line of ASW, MCM, Naval Echo Sounder and Waterside Security sonars.

[Learn more about Nautel C-Tech's SONAR products >](#)

Sharing a large space in the Canadian Pavilion, Nautel C-Tech teamed up with the Atlantic Canada Delegation, hosted by The Atlantic Alliance of Aerospace and Defence Associations (AAADA), the Aerospace and Defence Industries Association of Nova Scotia (ADIANS) and the Atlantic Canada Opportunities Agency (ACOA), as well as 17 other companies and organizations to show off the best of Canadian technology.



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## Reliable DGPS Coverage in All Conditions

You rely on your DGPS signal but coverage can be compromised by antenna effects such as insulator salt build-up or ground plane resistance changes.



Nautel Vector D transmitters for LF/MF DGPS utilize a unique, patented solution to maintain signal strength in the face of these and other undesirable antenna effects. The result is dramatically improved system coverage.

Nautel DGPS Highlights:

- o Constant field strength output.
- o Automatic resistance matching for higher availability.
- o Enhanced RSIM compatible remote command, control and monitoring for fewer site visits.
- o Power outputs of 200 W up to 3,000 W.

[Learn more about Nautel DGPS Solutions >](#)

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## Nautel C-Tech Receives ISO 9001:2008 Registration

We're pleased to announce that Nautel C-Tech's manufacturing facility in Cornwall, Ontario, recently received ISO 9001:2008 certification.

The registration is for the "design, manufacture and service of electroacoustic systems and components for commercial and defense applications. Subcontract manufacturing and assembly of circuit cards to commercial and military specifications."

Nautel prides itself on following strict quality standards; we now operate three ISO9001:2008 certified manufacturing facilities (two in Canada and one in the United States) and were first in our industry to comply with ISO9001:2008.



