Offshore Systems Ltd.

Offshore Systems Ltd., an OSI Geospatial company, is the provider of the Canadian Navy's primary navigation tool, known throughout the Navy as SHINNADS (Shipboard Integrated, Navigation and Display System). At the heart of the system is Offshore Systems' world leading ECPINS® W (Warship) Sub (Submarine) software. ECPINS W Sub is an IMO certified ECDIS that fully meets the requirements of the NATO Warship ECDIS (WECDIS) STANAG 4564. This system assists the Navy in navigating its ships safely on the surface and when dived in submarines. Additionally, the system provides enhanced capabilities such as MIL-STD contact symbology, manual Target Motion Analysis (TMA), the creation of Moving Havens, Waterspace Management Areas and offers a full suite of advanced coastal and pilotage navigation tools.

ECPINS W Sub is deployed throughout the Canadian Navy fleet on all classes of ships, including:

- IRIQUOIS class destroyers
- HALIFAX class frigates
- VICTORIA class submarines
- PROTECTEUR class fleet replenishment ships
- Auxiliaries and training vessels

Offshore Systems and the Canadian Navy reached a milestone when ECPINS W Sub was certified for dived navigation use on the submarine HMCS VICTORIA in 2006. This was the first time the system was certified for dived navigation use in the Canadian Navy and was the first certified dived navigation system for the company. This was only one of a number of milestones that Offshore Systems and the Canadian Navy have achieved together through their close working relationship. Other significant milestones include:

- Fleetwide application of ECPINS in 1998, a first for a NATO navy
- Surface fleet certification of ECPINS for paperless navigation using SHINNADS and ECPINS W Sub in 2004
- Fleetwide application of ECPINS W Sub software that meets the NATO WECDIS STANAG 4564, the first for a NATO navy

Offshore Systems is proud of its long-standing partnership with the Canadian Navy and looks forward to working together for future application and development of ECPINS W Sub to meet the Navy's needs.

Further information can be obtained on Offshore Systems' website at www.osigeospatial.com/offshoresystems