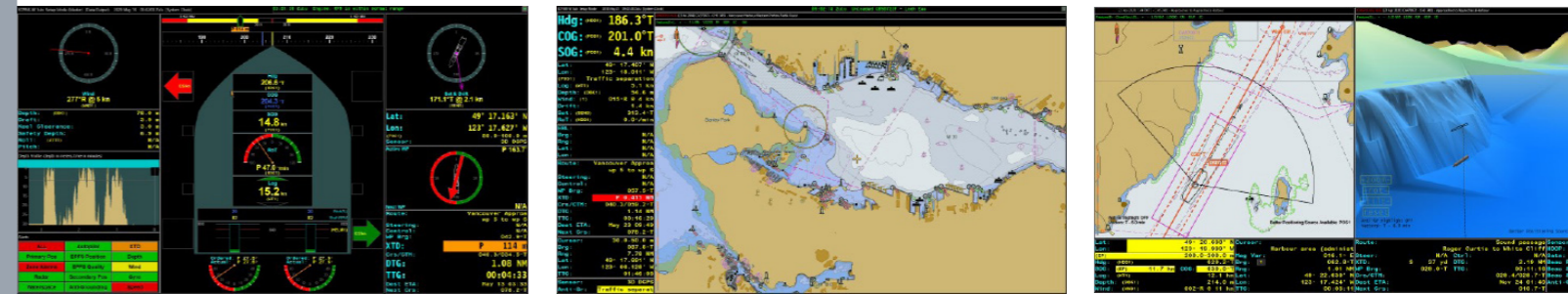# NOMAD

Naval Operations Mobile Augmented Display

Why NOMAD?

- Mobility
- Augmented Situational Awareness
- Efficiency of Effort
- Platform Safety
- Multi-use Remote Access System
- Data Sharing
- Operational Risk Management
- Command & Control Interface

ECPINS

from anywhere on the ship

ECPINS is a computerized, shipboard navigational aid that displays the vessel's position in real time alongside other sensor, or operational, data.

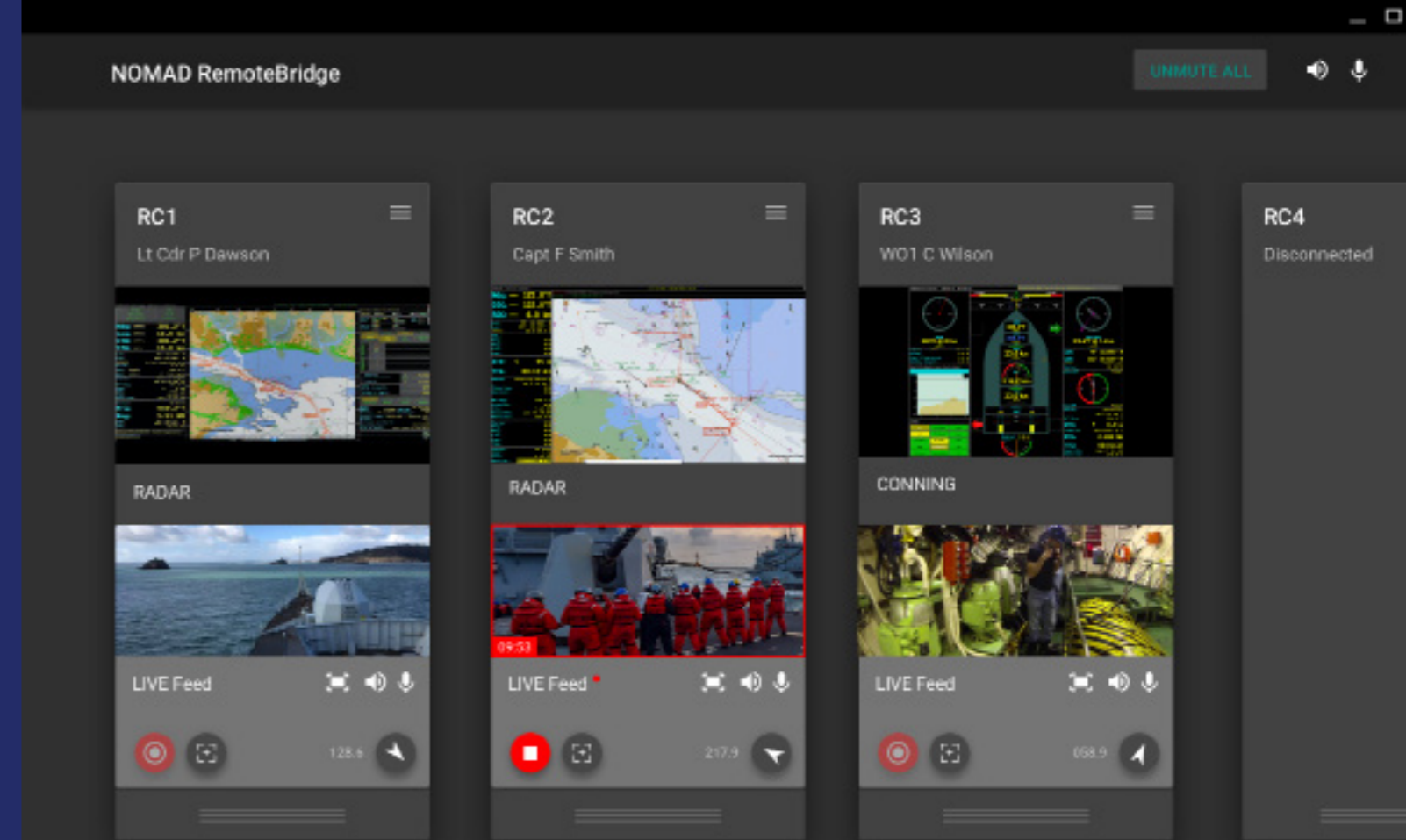ECPINS exceeds the standards for safe navigation: it is more than an ECDIS.

ECPINS Warship and ECPINS Submarine are both IMO approved and are independently verified against the NATO WECDIS STANAG 4564.

Aircraft Ops

Radar Fusion

GNSS Denied

OSI offers a variety of optional software capability modules and features that extend ECPINS main capabilities in navigation and situational awareness.

Customers have the option of purchasing any selection of these modules for fleet-wide or platform-specific use.

remote

hands-free

operation

UNMUTE ALL

| RC1 | RC2 | RC3 | RC4 |
| Lt Cdr P Dawson | Capt F Smith | WO1 C Wilson | Disconnected |

RADAR — RADAR — CONNING

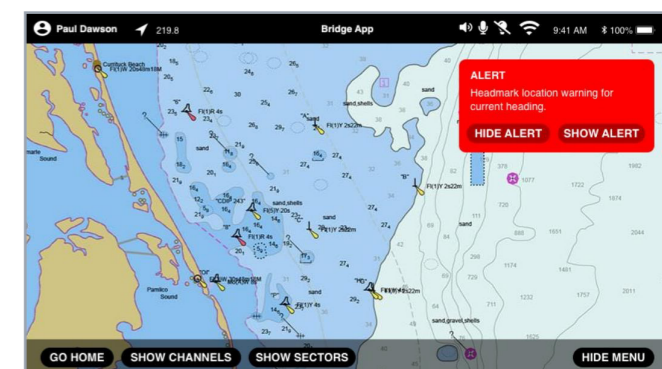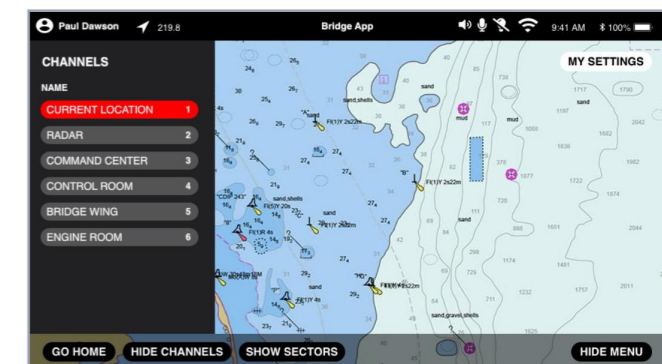LIVE Feed — LIVE Feed — LIVE Feed

Showing 3 Users of NOMAD: connected; inter-connected; operating and sharing information, concurrently and independently.

bridge operation

As a wearable mobile information display system, NOMAD greatly enhances the effectiveness of the operational user (CO/NO/OOW) when conducting navigation tasks or gaining situational awareness, both within the confines of a bridge or remotely.

NOMAD can deliver full, real-time bridge navigation and library data, video and voice communications to selected users on the platform or to other remote users via approved networks.
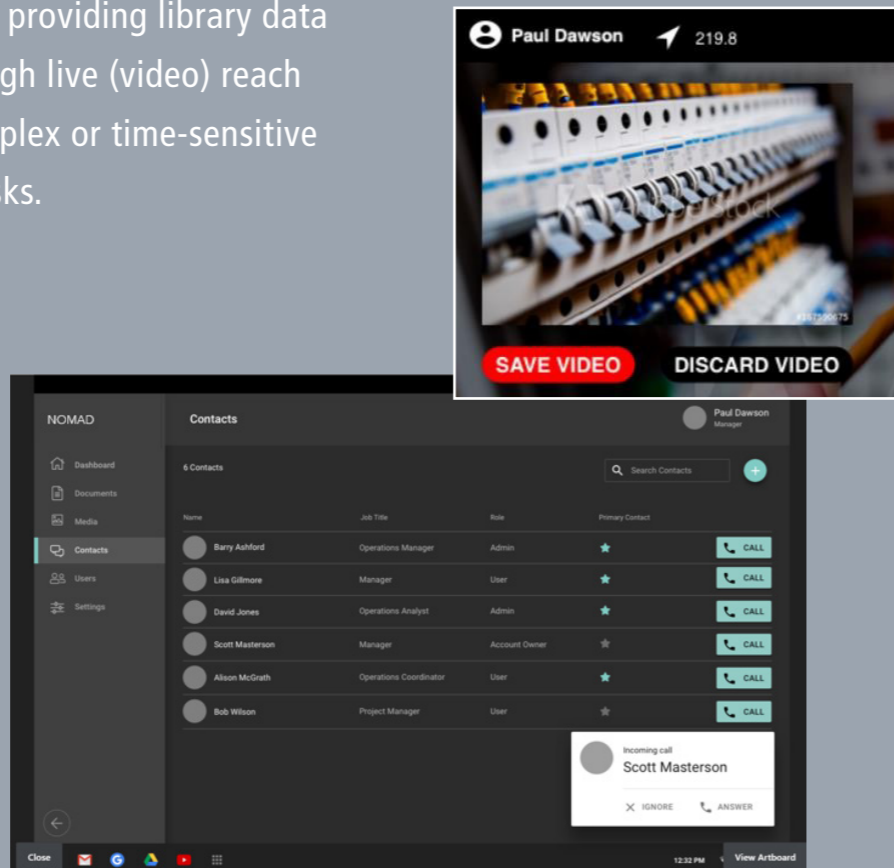
- Bridge Navigation SA enhancement (including Collision Avoidance)

- Unmanned vehicle oversight

- Boat Navigation

- Boarding Parties

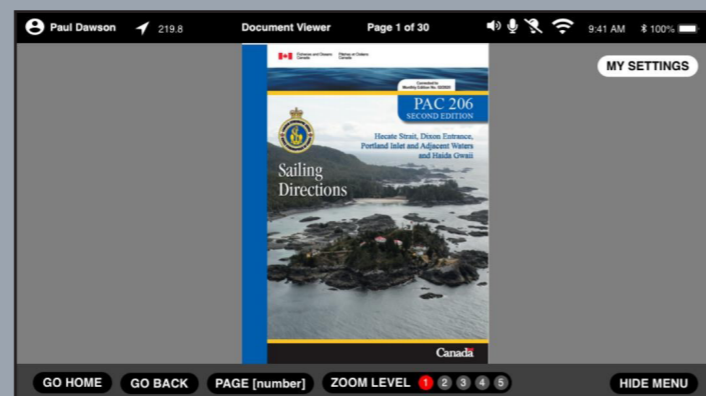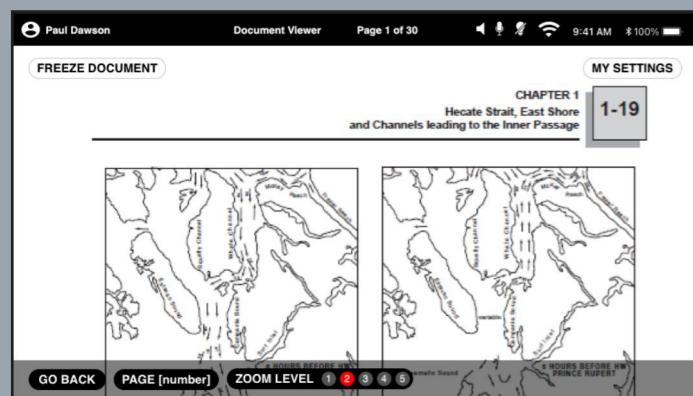- Weapons station oversight – Force Protection

remote support

NOMAD functionality easily translates to other embarked engineering and logistics activity, by providing library data (e.g. maintenance manuals) or through live (video) reach back to OEMs when conducting complex or time-sensitive repair, maintenance and upgrade tasks.

- Engineering – Maintenance, defect rectification, reach-back

- Field Engineering Support – remote operations

- Factory build support

- Tele-medicine

- Global access to live or recorded information

document viewer

Geotag documents to Chart location and Pilotage plan

H E A D S E T

- Lightweight, IP65, rugged headset
- Wireless connectivity with voice activated menus
- Recording enabled
- Video and audio call facility to base station (optional)
- Mounted Light (with Red filter option)
- Video Camera (IR optional)
- Left or right viewing options
- Compatible with glasses or sunglasses
- Low light level visual display
- Unimpeded sight; eye display mount adjustable to below eye-level
- Compatible with ECPINS Warship and ECPINS Submarine
- Memory 256GB
- Battery endurance 6 Hours (hot swappable)
- Compatible with Bump Caps, Military Helmet Mk 7, Gecko Mk 10 and AGRs

Belgium

Denmark
Fleetwide

Germany

Ireland
Fleetwide

Netherlands
Fleetwide

Poland

Portugal
Fleetwide

Sweden

Turkey

United Kingdom
Fleetwide

Canada
Fleetwide

United States

Egypt

Ukraine

Romania

Saudi Arabia

India

Malaysia

Singapore

Indonesia

Brazil

Chile

South Africa

Australia
Fleetwide

New Zealand
Fleetwide

26 Navies

700⁺ Ships

8 Navies
Fleetwide

18 Classes
Submarines

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