



Sandercott Project Engineering Ltd

Company Presentation

Improving Safety through Excellence



Background



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Independent Contractor since Jan 2016

Areas of Expertise

- Project Management
 - Electrical supply and installation
- Dynamic Positioning
- FMEA Testing
- Training
- Continuous Professional Development

Career Companies



CONVERTEAM
THE POWER CONVERSION COMPANY

ALSTOM



CEGELEC

POWER INSTRUMENTATION & CONTROL

GEC Electrical Projects Limited



TUNGSTONE
BATTERIES

G&C

Dynamic Positioning

Dynamic Positioning

Project Management

Project Planning

Project Planning

Production Control

**Factory Management:
motors and Generators**



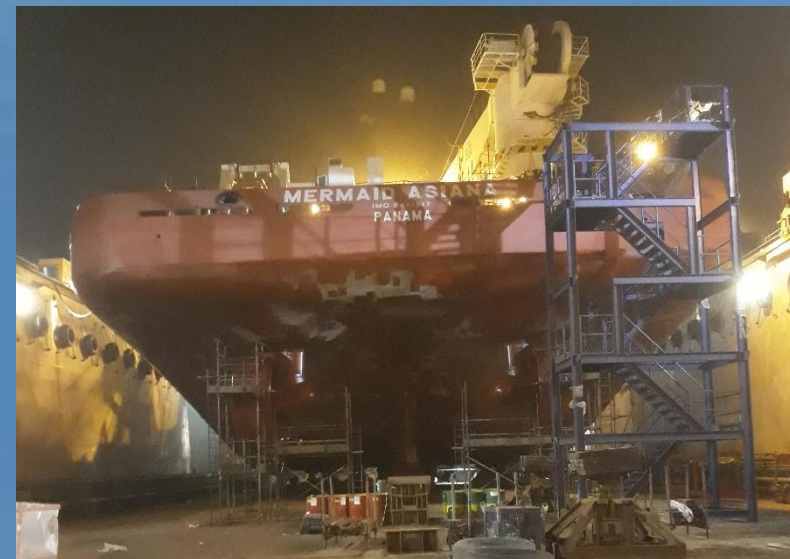
Companies that SPE is working with:-



DP Trials and FMEA Testing
 Diesel Electric propulsion
 DP Systems :- Kongsberg
 Navis
 Convertteam



Maintenance, Training and
 DP support





Companies that SPE is working with:-



New approach to GNSS

Primary solution $2\sigma < 10\text{cm}$

Resilience to loss of L2

Secondary solution $2\sigma < 30\text{cm}$



Digital collection of DP data

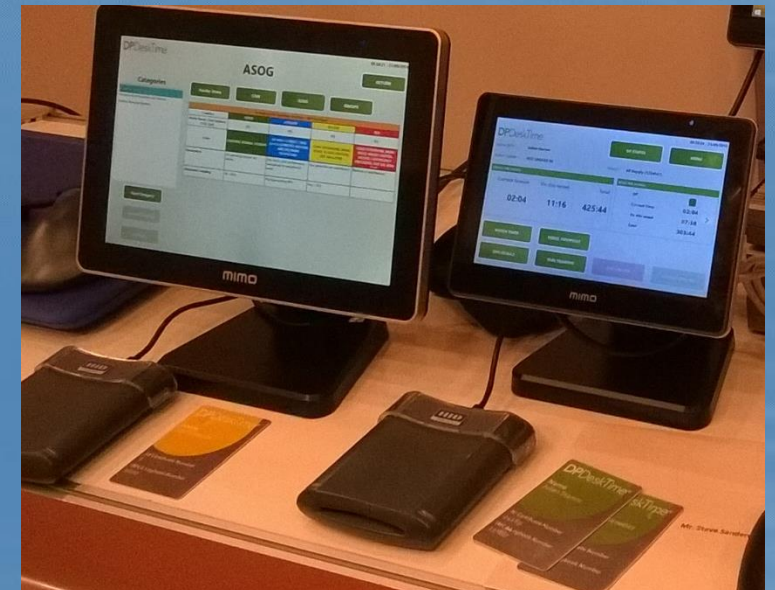
Simple recording of DPO time via card reader

Check DP v ASOG

Record Vessel DP performance



Sealed with no moving parts





Companies that SPE is working with:-



Marine Inspection
Incident Investigation



Training School in Alexandria
Full Mission DP Simulator
DP Maintenance Training





Aims and goals of SPE :-

To examine existing systems and processes around Dynamic Positioning and propose improvements to enhance safety through:-

Equipment - Vessel Assurance

Maintenance / FMEA / Trials

Better solutions (i.e. GNSS)

Training - Competence Assurance

Basic DP knowledge from the vessel perspective

CPD of the DPOs through Desk Time recording real activities

Processes - Operational Assurance

ASOGs

Can the DP process be improved?



Improving Safety through Excellence