Information how you need it,
when you need it

FLEET MANAGEMENT

For today's ship owners, charterers and commercial managers, information is key. Not only do they need a reliable source of data on every vessel in order to maximise operational efficiency, but also the best asset tracking system to support the risk management strategy for their fleet.

Pole Star's web-based Fleet Management system provides the independent and accurate information needed to improve all-round operational performance. Using a range of online tools, users can view and analyse data according to their business needs.

Improved voyage management, increased fuel savings, precise off-hire calculations: these are just some of the commercial advantages enjoyed by users of Fleet Management.

Key Benefits

- Automatic tracking system monitors vessel performance
- Interactive map presents global disposition of fleet

- Fleet list gives data at a glance
- Position reports sent to email and SMS for out of office updates
- Poll a vessel for position report on demand
- Create geo-zone notifications to enhance risk management
- Track history of a vessel – essential data for off-hire calculations
- Global weather forecasting including storm, cyclone and hurricane information
- View fleet and selected information on marine charts and 3D mapping applications for customised displays
- Control of user access to improve data security
- Automatic Amver reporting option
- Choice of hardware means entire fleet can be monitored and managed on one system

Purple Diamond
Tracking: Every 360 minutes
2008-03-11 07:50:00
43°59'00.00"N 8°52'36.00"E
Speed: 6.6 knots
Heading: 224 degrees
Proximity: Southeast of Vado Ligure
Wind speed: 10.6 knots
Wind direction: 290 degrees
Pressure: 1003 mbar

A wide range of online features enables you to access and collate information as you need it
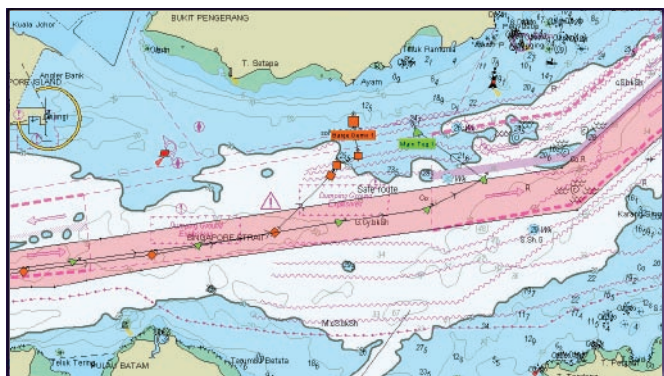
Using Fleet Management

Fleet map

The Fleet map (shown above) allows you to view the position and status of all vessels in the fleet on one map at a glance or, if required, to create asset groups, eg by region, by superintendent. By clicking on a specific vessel, you can view its latest position report.
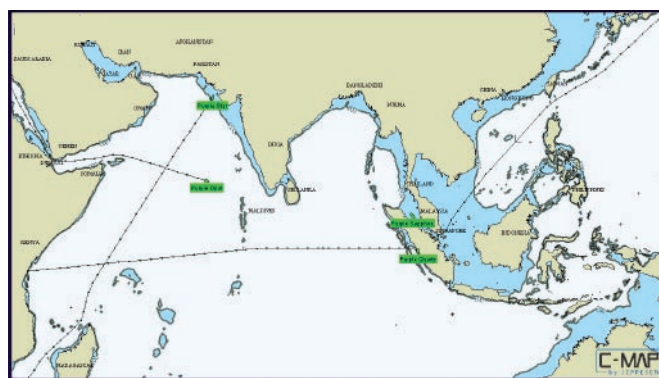
Geo-zone notifications

A feature that supports both operational efficiency and risk management, geo-zone notifications are completely customisable to your requirements.

You can create a geo-zone that defines a sensitive area. This could be a war zone, known piracy zone, environmentally protected area (MARPOL) or a zone delineating proximity to a specific country or coastline. Once the geo-zone is set up, create notifications so that you and other key personnel will be alerted via email/SMS if a vessel reports a position inside the zone.

Track history

An essential tool for analysing actual progress against schedule and for off-hire calculations. You can display the voyage history for a selected vessel and then click on an individual icon along the trail to display the associated position report.

Amver reporting

Reducing the administrative onboard burden and enhancing safety at sea can easily be achieved with a simple click of a mouse. Fleet Management gives you the option to automatically forward position reports from vessel/s in your fleet to Amver – with no manual intervention and at no extra cost.

Pole Star is a keen supporter of Amver (The Automated Mutual Assistance Vessel Rescue System). For more information on Amver please visit www.Amver.com.
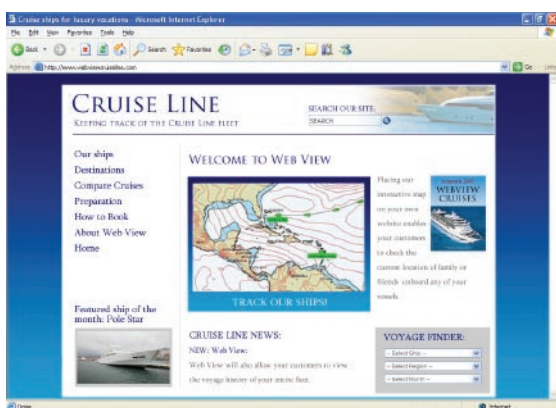
Add a dynamic dimension
to your company website
or intranet

Web View and 3D earth

Web View is a simple-to-use tool that enables you
to display a customised fleet map as part of your
organisation's website or intranet. Suitable for a variety of
audiences, Web View can be used for internal information
or external marketing purposes.

· Display world map or define specific area
· Show entire fleet or selected vessel/s
· Maintain security by hiding sensitive information
· Overlay company/voyage data or
  meteorological information
· Seamlessly integrate into any website
· Can be displayed in 3D application

Hardware options

To track a vessel you can use an existing Inmarsat C
transceiver such as the GMDSS terminal installed on most
oceangoing vessels. Or, if you prefer the superior reliability
of a dedicated transceiver, you can purchase Pole Star's
FM1 D+ kit.

You need the owner's permission to track.

Inmarsat C transceiver

This requires Capsat software version 2.21 or above.
Using an Inmarsat C terminal (installed on most vessels
over 300gt) means no further installation is necessary.

Pole Star FM1

A dedicated transceiver designed to track all types of
vessels, where an Inmarsat C transceiver is not available
or not suitable, but where the terminal can access a power
source. The kit includes an Inmarsat D+ transceiver, cable
and mounting bracket.

Budget Management

Pole Star's credit based payment system is the key
to ensuring you remain in full control of your Fleet
Management account.

Each Fleet Management service activity has a credit tariff
which makes budget forecasting simple and provides
maximum flexibility for the user. Online reports track costs
and give current account status for fleet and for individual
vessels, so that analysis of per vessel cost/usage and
rebilling, where appropriate, is straightforward.

**Pole Star offers a FREE TRIAL of Fleet Management for
existing Inmarsat C transceivers. Please contact us for
further information.**

FEATURE	DESCRIPTION

PRICING	
Registration	One-off registration fee billed on credits
Pay as you go	Purchase credits to pay for your use
Free trial on Inmarsat C	Free tracking for 5 vessels, each with an allocation of credits and customer support

HARDWARE OPTIONS	
Inmarsat C	The vessel's existing Inmarsat C transceiver (includes LRIT Mini C transceivers)
Pole Star FM1	Dedicated Pole Star transceiver for powered vessels

CHARTS	
Fleet List	Displays latest position report data for the entire fleet
Interactive Fleet Map	Shows position of fleet on C-Map™ charts with zoom and pan functionality
Geo-zones	Create and display zones to define sensitive areas
Points of Interest	Create and display points of interest
Weather	Overlay 10 day meteorological forecast and cyclone information in graphics and text
Web View	Create customised maps to display on any website

POSITION REPORTING*	
Automatic Position Report (APR)	Position report sent automatically at a fixed interval
Set reporting interval	Ability to change the reporting interval
Request a position report (poll)	Send a signal to request a position report
Overdue position reports	Receive warning if a vessel has not reported within a specified time period
Position report history	View and download a vessel's position reports
Enter position	Manually enter position reports

TOOLS	
Postings	Display extra information (eg ETA) in a position report
Email notifications	Send position reports to an unlimited number of email addresses
SMS notifications	Send position reports to mobile phone numbers by SMS
Geo-zones notifications	Receive email/SMS warning when vessel reports position in or out of a user-defined zone
Asset groups	Create groups of vessels, eg by type, size or region
Traffic log	View and download a log of all communications
Messaging	Messaging to and from the tracked Inmarsat C transceiver
Credit reports	Online reports for providing billing transparency

USERS	
Master user	Login with full control of the service
Standard users	Create unlimited standard logins to access specific parts of the fleet
Assign vessels to user	For example by superintendent or by type

Most Inmarsat C terminals are supported, but users of older terminals are strongly advised to check the hardware compatibility list at www.polestarglobal.com/hcl.html before purchasing.

* Pole Star will use reasonable endeavours to track your transceiver and deliver your position reports. However, sometimes this is not possible due to factors beyond our control, such as satellite communications failure.

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