

# oceanXpress™

## Management of updates to electronic navigation products

oX

The oceanXpress™ service provides the update and management of essential electronic navigational products, including ENC's and Admiralty Digital Products.

Both ENC and ARCS updates are managed via PassageManager™ which is able to display, via a graphical interface, coverage and status of individual cells and charts.

ADP updates are delivered on a weekly basis and the integration of the ChartCo software and the Admiralty Digital Products ensure seamless transfer.

### Benefits

Traditionally electronic chart updates have been delivered via CD, making it almost impossible to keep electronic products up to date. ChartCo makes it possible to receive these updates in a timely manner, through either Broadcast or Select.

The ChartCo on-board software graphically displays the status of all updates and intelligently sorts them in relation to the vessels electronic products outfit or holdings.

A full catalogue is maintained on-board and as parts of the service ChartCo keeps it updated. Through this, users are notified of new cells. Users then have the option of downloading these new cells via ChartCo Select from the ChartCo secure server.

Once electronic chart updates have been received, they can be transferred to any ECDIS via CD or a network link.

oceanXpress™ provides delivery and management of updates to the following electronic navigation products in the catalogue:

- ENC updates (OCEANS, AVCS, Primar).
- ARCS updates.
- ADLL updates.
- ADRS updates.

Automatic updates of electronic navigational data using ChartCo's world-leading email, internet and broadcast delivery system. Make every voyage safer and smarter.



**ChartCo**  
Approved. On Time. Up To Date.

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## Key Features

- Remote delivery to vessels at sea.
- Ensures electronic navigation data is kept up to date, enhancing safe, compliant navigation.
- Fully compatible with all ECDIS.
- Network transfer of ENC updates direct to ECDIS.
- New ENC cells available for download from ChartCo.
- Available through quarterly or annual subscription.

Created by ChartCo Passage Manager on Monday, 20 February 2012 10:15.

### ChartCo ENC Outstanding Corrections for Main

Cell Name	Edition Number	Issue Date	Title	Last Update Applied	Last Update Issued	Supplier
BESANTWN	13	24-Feb-2011	Antwerpen floord	0	8	AVCS
D3221002	5	06-Mar-2010	German Light	0	26	AVCS
D3316001	6	22-May-2009	Meulenburger Buicht	0	24	AVCS
D3321002	4	11-Aug-2009	Vaters south of Heerend	0	74	AVCS
				0	25	AVCS
				0	10	AVCS
				0	6	AVCS
				0	8	AVCS
				0	9	AVCS
				0	25	AVCS
				0	1	AVCS
				0	3	AVCS
				0	3	AVCS
				0	2	AVCS
				0	1	AVCS
				0	2	AVCS
				0	16	AVCS
				0	3	AVCS
				0	24	AVCS
				0	7	AVCS
				0	3	AVCS
				0	1	AVCS
				0	10	AVCS
				0	16	AVCS
				0	2	AVCS
				0	4	AVCS
				0	1	AVCS

The screenshot shows the 'ENC Management' window with a menu bar (Status, Corrections, Activity Log, Outfit, Outfit Notices, Catalogue, Permit Management, Reports, ECDIS Setup) and a toolbar. The main area displays a table of ENC cells with columns for Supplier, Cell, Title, Edition, Issue Date, and Update. A 'Total' of 277 is shown. Below the table, there are buttons for 'First', 'In', 'Cell', 'Title', and 'Top'. A 'Close ENC Management' button is at the bottom.

The screenshot shows a summary window with the following information:

- ENC Permits:** No missing permits, no expired permits, 6 permits expiring soon, and 12 valid permits.
- Correction Status:** 232 ENC Corrections waiting to be applied.
- Data to be transferred:** 18 ENC Base Cells waiting to be written to media, 232 ENC Corrections waiting to be written to media.
- Outfit Notices (New Cells, New Editions and Withdrawn Cells):** 5962 new ENC outfit notice(s) waiting for action.

A 'Close ENC Management' button is at the bottom.



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