

Optimisation of chart production: implementation of CARIS HPD.

In order to optimize and facilitate the production of electronic and paper charts, the Flemish Hydrography has decided to install the CARIS HPD System Package in its offices in Ostend and Antwerp. All hydrographic data and end products will be stored on a central server in Ostend. The communication out of Antwerp with the central server in Ostend will be realised by using a 10 Mbps data line. The implementation of CARIS HPD will start at the beginning of September 2006.

The use of CARIS HPD should optimize the workflow and the charting of overlapping areas in the charts of the North sea and the Scheldt. The table below shows that a lot of paper charts of the river Scheldt are not updated since a number of years. Since the reorganisation into the Flemish Hydrography absolute priority concerning cartography was given to the production of ENC's.

Paper charts

Chart No.	Title	Scale	Last edition
INT 1474	Noordzee Belgisch – Nederlandse Kust Monding Westerschelde Van Oostende tot Westkapelle	1/60.000	2006
INT 1480	Noordzee Frans – Belgische Kust Van Duinkerke tot Oostende	1/60.000	2006
INT 1478	Westerschelde Beneden- en Boven-Zeeschelde	1/10.000 - 1/30.000	1998
D11	Noordzee Vlaamse Banken	1/100.000	2006
103	Westerschelde Vlissingen - Antwerpen	1/50.000	1996
104	Westerschelde Monding – Rupel	1/10.000 – 1/50.000	2005
105	Kanaal van Gent naar Terneuzen	1/10.000	1991

The use of CARIS HPD and the employment of additional cartographers will facilitate the production of new editions of the paper charts of the river Scheldt. In order to release a new edition of the chart 104 at the beginning of 2007, an assignment is given to CARIS Geographic Information Systems BV to produce the chart 104 based on the Belgian and Dutch ENC's of the area using CARIS HPD.

National paper chart 104
 (consists of 12 charts
 located on Dutch and
 Belgian territory)

