

ENC Summary Pricing 2011

What are ENC charts?

Electronic Navigational Charts (ENCs) are official vector charts designed to meet the relevant chart carriage requirements of the Safety of Life At Sea (SOLAS) Convention. An ENC must be produced in content, format and structure to the International Hydrographic Organisation (IHO) S57 ENC product specification.

ENCs consist of digitised data that record all relevant chart features such as coastlines, buoys, lights, etc. These features and their attributes (position, colour, shape) are held in a database that allows them to be selectively displayed and queried, and for alarms and warnings to be generated.

Paper equivalence

ENCs are fully compliant with the IHO S57 format. ENC data can only be issued by or on the authority of a government-authorized Hydrographic Office. Each country is therefore responsible for producing its own ENCs, and then systematically updating them with all safety-critical information.

Advice & supply

PC Maritime is an international distributor of electronic charts from various regional centres and we supply ENCs for any compatible navigation system. We will select charts for you, provide competitive quotations and we have in-house expertise on all aspects of chart installation and updating. Prices vary greatly between the different countries and depend on the size of the data area.

Please ask us to advise on which ENC service will best meet your requirements in terms of coverage, ECDIS compliance and cost.

Contacts

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Notes:

1. All prices are exclusive of VAT and shipping and are subject to our standard Terms And Conditions Of Sale.
2. PC Maritime Ltd reserves the right to change the specifications and prices of products without notice.
3. Purchasers outside the UK are responsible for any taxes, customs or excise duties that may apply in the country of delivery.

Example annual costs:

ENC Unit/Cell	US Dollars
Large	Denmark - \$57.00
Medium	France - \$19.50
Small	UK - \$7.40

ENC Availability

All ENCs are supplied on annual subscription inclusive of weekly updating. Weekly updating varies between the chart producers: it may be via email, direct connection to the chart producer's website, or on CD/DVD. For an up-to-date overview visit the IHO web-site www.iho.shom.fr or www.ic-enc.org.

Admiralty Vector Chart Service (AVCS)

The Admiralty Vector Chart Service (AVCS) brings together ENCs from national Hydrographic offices around the world and new ENC coverage produced by UKHO in co-operation with Foreign Governments to provide comprehensive worldwide ENC coverage which complies with ECDIS regulations. UKHO provides updating via email, internet or on CD Rom.

Admiralty ECDIS Service

The Admiralty still offer a combined ENC and ARCS service. The ARCS component is not approved for paperless navigation.

CM-ENCs

CM-ENCs are official S-57 ENC charts supplied by Hydrographic Offices to Jeppesen C-Map and pre-compiled into C-Map's type-approved SENC format. SENC format delivers the charts in a ready-to-run format, which speeds up and simplifies installation of charts and updates for the end-user. CM-ENCs meet ECDIS regulations. A minimum fee of \$100 applies. C-Map provides Real Time Updating via email, internet or on DVD.

PRIMAR ENCs

ENCs from Primar, the Norwegian Hydrographic Service, meet IMO SOLAS charts and carriage requirements. Go to www.primar-stavanger.org to view chart availability. A minimum fee of \$100 applies.

Jeppesen PRIMAR ENC Service

This partnership between Jeppesen and the Norwegian Hydrographic Service provides mariners with PRIMAR ENCs and CM-ENCs to give global ENC coverage from one source. When an ENC is not yet available, the service will notify the navigator (during route planning or navigation) and run from the C-Map Pro private vector data produced and distributed by Jeppesen Marine. Weekly updating is via internet or single DVD.

ENC Weekly Updates on CD/DVD

If you require updates on CD/DVD, we can despatch to a single pre-arranged address (which you can change during the year), or we can email you each week for delivery instructions for the current week's update. Prices on request.