



For more information
or to arrange a trial,
please contact:

Shop:
www.toddchart.com
Tel:
+44 28 9146 6640
Email:
sales@toddnave.com

85 High Street Bangor, Co. Down BT20 5BD
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**PAY AS
YOU SAIL**



The Perfect System for ENC availability

Voyage
Planning
Made EASY



▲ GPS Terminal 	▲ Software 	▲ Skywave Antenna 
▲ How it Works 	▲ Why Choose TODD Nav Pays 	▲ Costs 

Pay as You Sail. With this brilliant software you can use ENCs free of charge for planning. You only pay once your vessel enters the cell coverage area.

Perfect Payment Plan

The vessel is supplied with an extensive set of ENC cell permits from the Admiralty Vector Chart Service (AVCS). Any cell can be used at any time without charge for passage planning. Cells are paid for when the ship sails over the coverage area of the ENC.

On the vessel all cells are immediately available for use within the ECDIS. There is an undeniable safety case for this approach over schemes where cell permits need to be delivered to the vessel first. The administrative burden to the ship's Master is much reduced as all charts are immediately available with no special actions required.



Testimonial



When our long-term partner Todd Navigation recommended the PAYS system it immediately stood out as the best route for our vessels operating on the Northern European Tramp trade. Being able to integrate charts for potential ports is invaluable. The system is simple to operate and the skywave antenna does not require any interfaces with equipment, just a power supply. Billing is simple we only pay for the cells we use.



Captain Tom Davis
Fleet Manager

GPS Terminal

The ToddNav PAYS service is independent of the type of ECDIS onboard.

We provide a Skywave Antenna satellite GPS terminal with cabling and stainless steel mounting brackets. This can be self-installed onboard in a position on the mast or the monkey island giving the antenna a clear view of the sky. The terminal must be connected to a DC power supply between 9 and 32 volts. The Skywave terminal is not connected to the ECDIS or anything else onboard.



Software

We provide ToddNav PAYS software which should be installed on your chosen PC or laptop (preferably with direct connection to the internet).

This software is used to register the Skywave antenna. Thereafter the ToddNav PAYS updater software is used to update ENC cells individually, on a route or in a fixed area.



Skywave Antenna

The vessel on which the Skywave Antenna is installed is tracked and the ship's position used to determine which cells are being "sailed over".

Position data is collected from the antenna and sent to the ToddNav PAYS fleetmanager server as it becomes available and stored in a database. We report cells "sailed over" on a daily basis to the UK Hydrographic Office. We invoice the shipmanager / owner monthly. No other software is required on the vessel. Any existing ECDIS in use can continue to be used as normal; it will always have access to the full PAYS portfolio of charts. A USB stick is used to transfer data between the ToddNav PAYS software and the ECDIS.



IDP-690
Maritime
Terminal
101mm Height
126 Width & Depth

How it Works



Why Choose TODD PAYS

All ENCs immediately available on the ECDIS for advance route and passage planning, satisfying Port State Inspectors.

TODD NAV Benefits



No ENC permit ordering. All charts available at all times.



Compliant with all ECDIS types.



Free view of all ENCs on the ECDIS



No software installation on the ECDIS



Plug and use Skywave antenna



ToddNav PAYS updater software – easy to use, with access to updates for ENCs



One monthly invoice for ENCs from Todd Navigation, invoiced in USD.



Costs

One monthly invoice in USD.



The Costs



Monthly invoice for ENC cells "sailed over"



Monthly invoice for satellite transmission costs at a nominal amount in USD per day



Quarterly PAYS User fee (imposed by PRIMAR/UKHO)



One off charge for Skywave antenna, cables and brackets

