

AutoMATE Marine Systems

Saving Fuel & The Environment

HIGHER OIL PRICE OFFERS FUEL SAVING
PROFIT OPPORTUNITY



AutoMATE Marine Systems, LLC was incorporated to resume production of its highly successful DIGIPILOT. AutoMATE products leverage 13 years and \$6 million of pioneering development cost from the founders' previous company on \$41M sales of bridge automation systems on 550 ships that experienced 60 million hours of at sea automatic operation. Four Patents Pending on improved technology of sensors, algorithms and control solutions are included in the re-hosting of software for today's faster marine computer/displays, add-on ARPAs and ECDIS.

Fuel cost can be as high as 60% of a ship owner's cost.

Oil prices have soared to over \$100 per barrel.

Ship owners need fuel savings and sustainability.



DIGIPILOT is a “smart autopilot add-on” that optimizes ship rudder movements providing significant fuel savings, reduced environmental impact and increased safety with optional DIGIPILOT on e-chart Hands Off ARPA

The Value Proposition for DIGIPILOT is 3-Fold

- 1 - 3% Fuel Cost Saving Increases Profit 6 - 12%
- Shortens Navigational Time
- Reduces CO2 Carbon Emissions

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DIGIPILOT ARPA on E-Chart with DIGIPILOT rudder controller for fuel saving Quick Payback

- ECDIS Electronic Navigation Chart Equipment is Mandatory starting July 2012
- Loss of paper charts cause increased bridge workload, e-chart transition requires automation
- ECDIS, not yet mandatory on existing vessels, early AutoMATE installation will offer added years of safety and FUEL SAVINGS

SOLUTION:



- DIGIPILOT on e-chart modernizes bridges
- ARPA on ECDIS maneuvering aid breakthrough single display minimizes training
- * Automatic tracking of 40 targets
- * Proven - 550 sold - 60 million hours at sea



DIGIPILOT 1st & only 40 target all area
Type Approved, auto-acquisition ARPA
...now on e-chart

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