

No	Ship Types	Shipowner Customers	Flag	Ship's Names
1	Bulk Carrier-40K dwt	American Steamship	US	MV St Clair
4	VLCC-253K dwt	EXXON	Neth	Esso Saba, Esso Nederland, Esso Europoort, Esso Bonaire
9	VLCC-286K dwt	Texaco	Pan	Texaco Brazil, Texaco Ireland, Texaco S. Africa, Texaco Verauasl Texaco Italla, Texaco Japan, Texaco Nederland, Texaco Panama
7	Smaller Tankers	Chevron, Sunoco	US	2 Newport News NBs. Coalinga, America Sun,
1	Ro/Ro	Naviera	US	Puerto Rico
3	Containerships-26 kt	American President Lines	US	APL Avondale NBs 2329, 2330, 2332

**American President Lines Captain's Testimonial**

The Captain of the first of the three American President Lines ships reports: ***"The DigiPILOT worked beautifully. When steering with what they called "The Iron Mike," the course recorder recording was a very jagged line with back and forth rudder movement was constant. When we switched on the DigiPILOT, within a few minutes the jagged Heading line turned into a smooth lazy S.***

The Captain was concerned that this was the result of constant rudder movement and sent a mate to the engine room to observe the ship's rudder. The mate reported the rudder was making very small corrections when controlled by the DigiPILOT and made constant changes with larger rudder angles when controlled by "The Iron Mike."

The Captain went to the engine room to observe the rudder movement first hand. He was extremely impressed with the DigiPilot course keeping while reducing the number of rudder activations with smaller rudder angles.

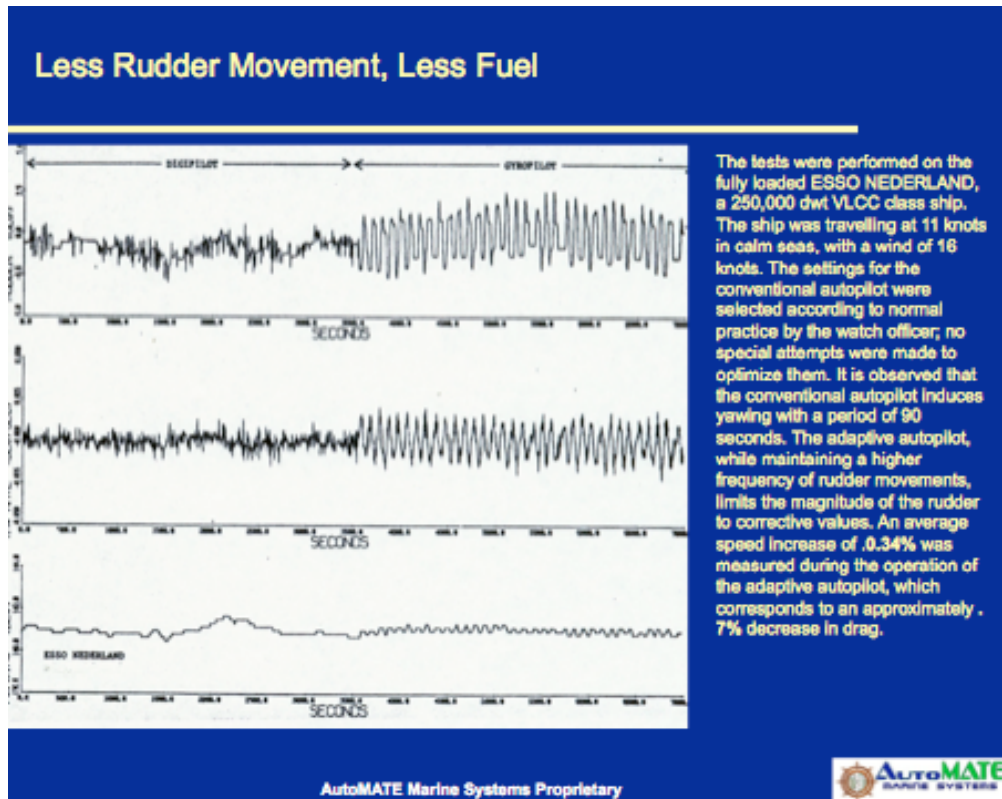
**He calculated that the DigiPILOT system would pay for itself "in no time" with the resulting increase in speed and significant fuel savings with much less wear and tear on the steering system.**

## Steering Comparison in Same Sea State DigiPILOT Gyropilot

Rudder Angle

Yaw Rate

Heading Hold



**Puerto Rico Captain noticed much straighter wake for DigiPILOT vs. Iron Mike steering!**

For details go to: <http://automatamarine.com/> .....and "new technology practicality" article in: **gCaptain – AutoMATE Marine Ship Efficiency** about new "best value" concepts for SEEMP