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<td>Tide and Current Data</td>
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<td>NWLON</td>
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<td>Great Lakes NWLON</td>
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New Website

- #1 NOS Website
- Release in FY05
- Improved access
- Current website still available
National Current Observation Program

2,821 Tidal Current Predictions Published Annually

• 34 Stations updated in FY05
• 70 Stations planned for FY06
  – SE Alaska
  – Great Lakes
  – Hudson River
  – Prince William Sound
  – Penobscot Bay
  – East Coast – input welcomed
Operational Forecast Systems

- 3 new models
  - Lake Erie
  - Lake Michigan
  - St. Johns River

- Planned:
  - 3 new models
  - Lake Superior
  - Lake Huron
  - Lake Ontario
Physical Oceanographic Real-Time Systems (PORTS®)
LOADMAX provides river forecasts based on a number of data streams that it synthesizes, including outflows from dams, meteorological data, tide data and channel cross-sectionals.

LOADMAX allows the ship captain to load to deeper draft and still maintain planned levels of under keel clearance.
Physical Oceanographic Real-Time Systems (PORTS®)

Estimating Economic Benefits from NOAA PORTS® Information: A Case Study of Tampa Bay

By Hauke Kite-Powell, Woods Hole Oceanographic Institute
July 2005
Physical Oceanographic Real-Time Systems (PORTS®)

Bin failure with recovery