

Newest developments of Inland Navigation in the USA



Otto Schwetz

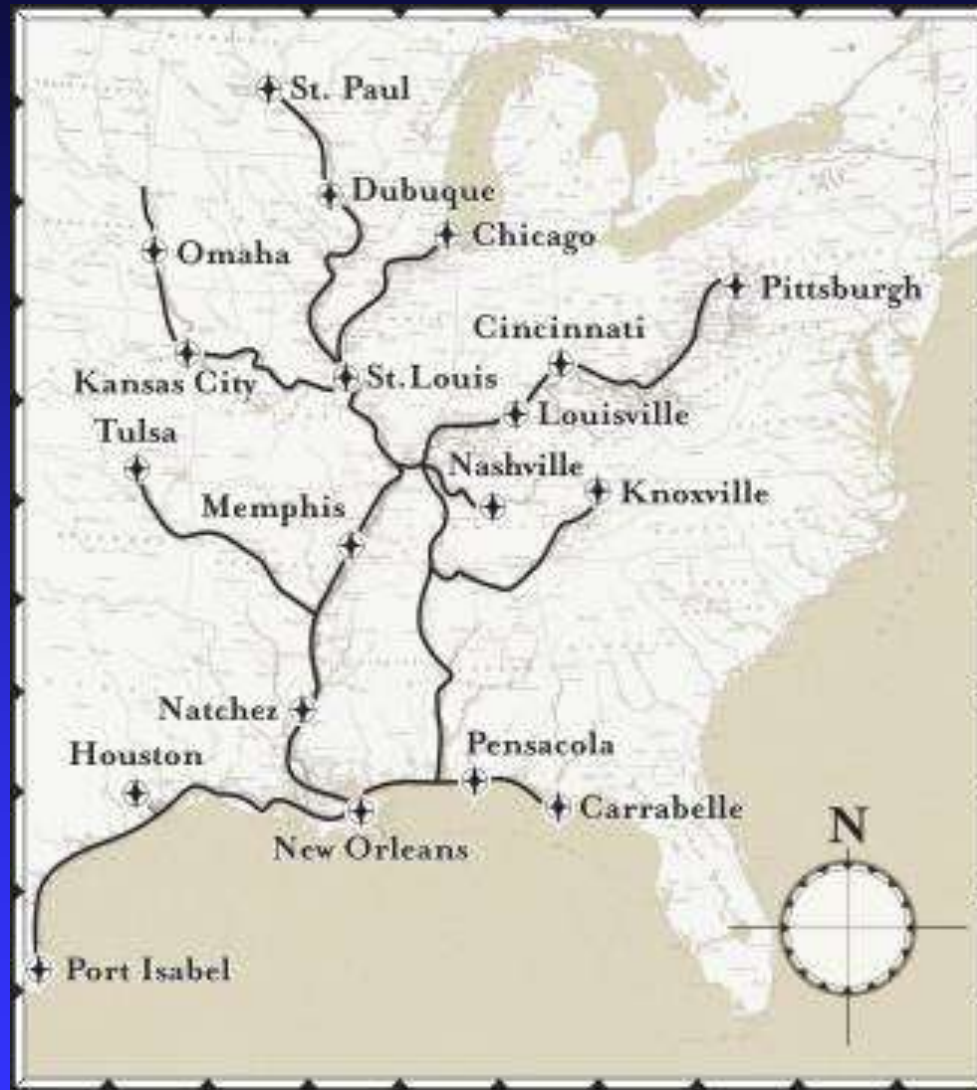
Counsellor of the Senate of the City of Vienna ret.

President of PIANC Austria

Chairman of the Pan-European Transport Corridor VII, the Danube

Consultant TINA Vienna Urban Technologies & Strategies Ltd.

INLAND NAVIGATION INTERNATIONAL: THE USA



Inland waterways of the United States include over
25,000 miles (40000 km)
of navigable waters

Mississippi:

Tug vessel McDermot, 10.500 HP → pushes 70 barges

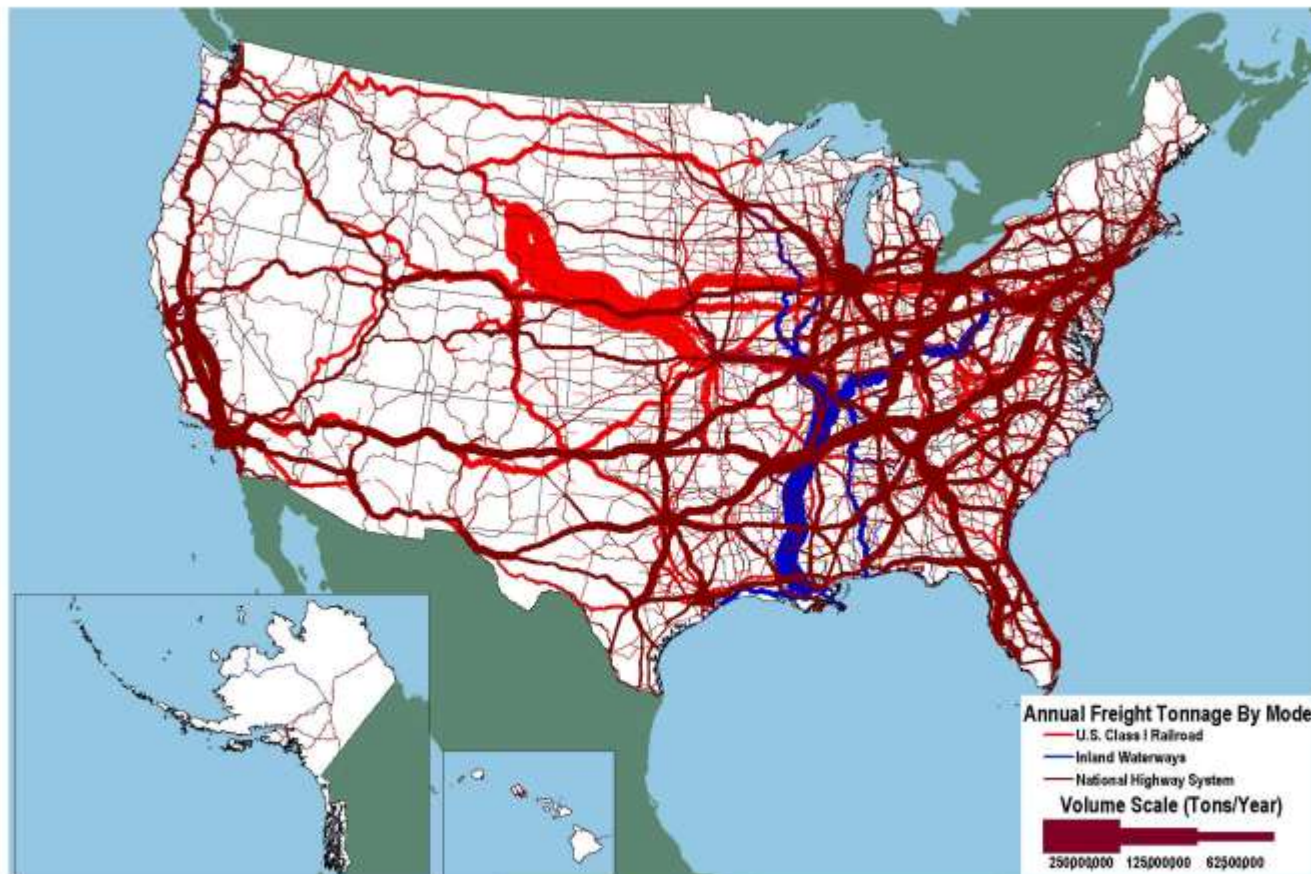
= ~ 100.000 t in one formation

Normal vessel: ~ 40 barges

= ~ 60.000 t

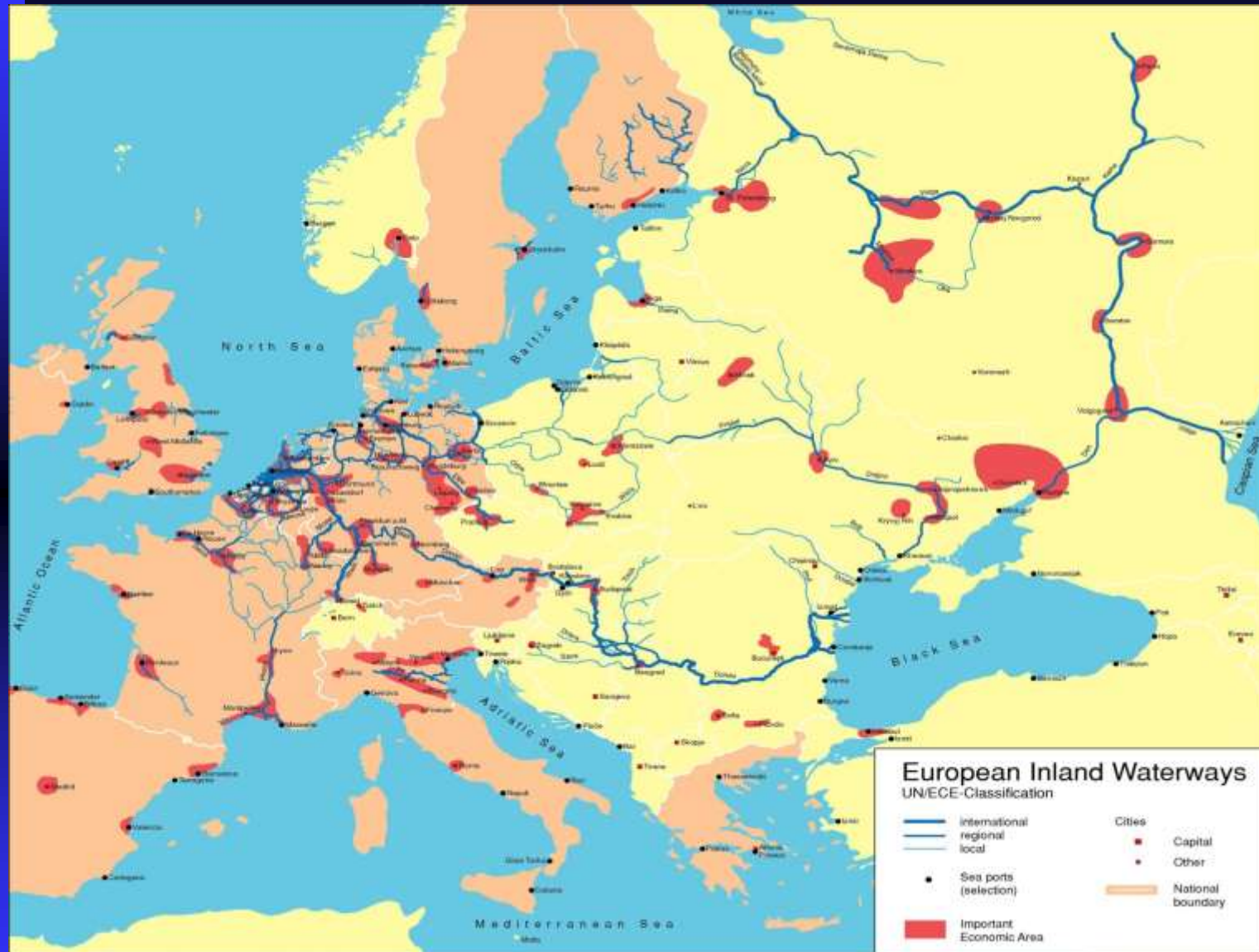
INLAND NAVIGATION INTERNATIONAL: THE USA

Tonnage on Highways, Railroads and Inland Waterways: 2002



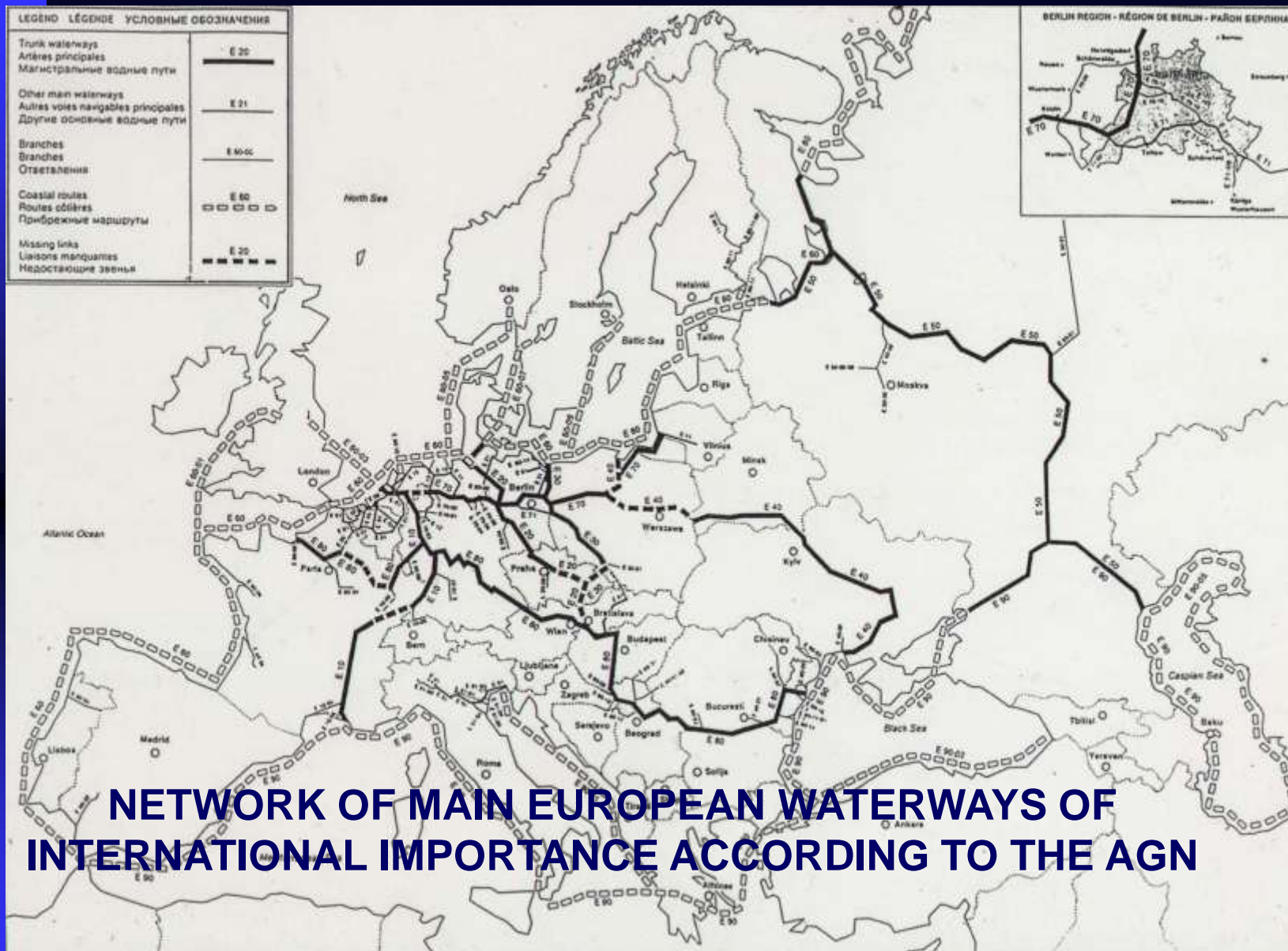
Sources: Highways: U.S. Department of Transportation, Federal Highway Administration, Freight Analysis Framework, Version 2.2, 2007. Rail: Based on Surface Transportation Board, Annual Carload Waybill Sample and rail freight flow assignments done by Oak Ridge National Laboratory. Inland Waterways: U.S. Army Corps of Engineers (USACE), Annual Vessel Operating Activity and Lock Performance Monitoring System data, as processed for USACE by the Tennessee Valley Authority; and USACE, Institute for Water Resources, Waterborne Foreign Trade Data, Water flow assignments done by Oak Ridge National Laboratory.

INLAND NAVIGATION INTERNATIONAL: THE USA



© via donau, Donau Transport EntwicklungsgmbH, Donau-City-Str. 1, 1220 Wien, www.via-donau.org

INLAND NAVIGATION INTERNATIONAL: THE USA



INLAND NAVIGATION INTERNATIONAL: THE USA





AVALON CRUISES

INLAND NAVIGATION INTERNATIONAL: THE USA





DELTA QUEEN, MISSISSIPPI

INLAND NAVIGATION INTERNATIONAL: THE USA



INLAND NAVIGATION INTERNATIONAL: THE USA

HOW MUCH BARGES HOLD

CARGO CAPACITY



BARGE
1500 TON
52,500 BUSHELS
433,600 GALLONS



15 BARGE TOW
22,500 TON
787,500 BUSHELS



JUMBO HOPPER CAR
100 TON
3,500 BUSHELS



100 CAR UNIT TRAIN (GRAIN)
10,000 TON
350,000 BUSHELS



LARGE SEMI
25 TON
875 BUSHELS

EQUIVALENT UNITS



1 BARGE



15 JUMBO HOPPERS



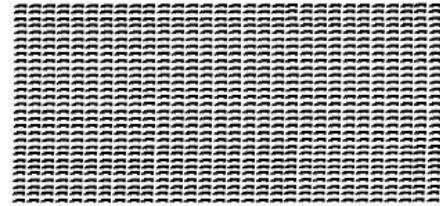
58 TRUCKS



1 TOW



2.25 UNIT TRAINS



870 TRUCKS

EQUIVALENT LENGTHS



.25 MILE
15 BARGE TOW



2.75 MILES
2.25 UNIT TRAINS



34.5 MILES
ASSUMING 150 FT.
BETWEEN TRUCKS



US Army Corps
of Engineers
Louisville District

The Erie Canal, New York State



In 2009, these counties generated:

- **\$7.1 billion** in visitor spending
- **23%** of all statewide tourism employment
- **\$464 million** in local taxes

Marketing the canal

Home » What To Do » See & Do » Seneca Museum of Waterways and Industry

Seneca Museum of Waterways and Industry

ABOUT What's Nearby: SEE & DO EVENTS EAT STAY

Seneca Falls, Finger Lakes

Description:
Focuses on the vital role played in regional development.

Location & Contact Info:
89 Fall St
Seneca Falls, Finger Lakes, NY

Directions: NYS Thruway Exit 4
Phone: 315-568-1510
Fax: 315-568-1504
Email: senecamuseum@yahoo.com



Home » Plan Your Trip » Travel Ideas » Canaltown Days – 15 Miles of Fun!

Canaltown Days – 15 Miles of Fun!

ABOUT

If you've never navigated on the Erie Canal, historic *Palmyra's Canaltown Days* (September 18 and 19) will give you the opportunity.

One of the oldest towns in the *Finger Lakes* region, Palmyra was founded in 1789. The opening of the Erie Canal in 1825 made the town an important center of trade along the busy waterway, and it became known as the "Queen of Canaltowns." About 20 miles south of Rochester, Palmyra has preserved an astonishing amount of its original architecture, from the early 1800s to Victorian-era grandeur.

Time Travel on the Erie Canal

Nearly every kind of person traveled the bustling Erie Canal in the 1800s. Today, the enchanting 524-mile NYS Canal System attracts nearly every kind of vacationer.

Adventurers are drawn to the beauty and mystery of this Huck Finn-style escape where well-preserved towns and the rolling 1,000-acre domain are spread along the miles. Beginning from Albany on Buffalo, the Erie Canal runs 290 miles of historic waterway that lead to more wonders like the Finger Lakes, the Canal Lakes and some of the nation's best fishing spots.

Boaters love the unique experience of drifting upon each historical section. Hundreds of marinas provide services along the way and several recently completed harbors and waterfront projects offer overnight docking, potable water, pump-out and electricity.

Ho-ho-ho! No problem! Rentals are available, ranging from traditional English-style rowboats and modern, in-powered and furnished. You can also rent a boat, or a day. From Lake Champlain to Lake Erie, near to you, you can charter a captain and crew for the day or ride from lock to lock for just an hour or two.

Landlubbers will find a variety of accommodations in rooms, cottages and villas, as well as Camptokidz! Inland and in-state, and more than 250 miles of trails for biking, walking, horseback riding or, jamming up an old mule named Sal to pull your bags along!

For a copy of the Canal System Cruising Guide, visit nyscanals.gov.

I ♥ NY
Revel in the outdoors

©2014 NYS CANALS
FINGER LAKES

Marketing the canals through learning

I♥NY iheartny.com **2010 Tourism Readiness Workshops** **ERIE CANALWAY**
Inland Waterway Center

Preparing for the International Market

DATES: Monday, August 30, Ballhurst Centre, Geneva
Tuesday, August 31, Yesterday's Royal, Syracusa Beach
Wednesday, September 1, Century House, Lockport

TIME: 10:00 am to 1:00 pm

COST: \$20 per person (includes lunch)

These workshops are intended for all organizations, communities and businesses, regardless of previous involvement or knowledge of international tourism.

Sponsors

- Oswego County
- Albany
- Other regional sponsors

Agenda Topics:

- Working with local and regional partners
- How international tourism works and how to get involved
- How to represent your destination on an international marketing website... and much more!

RSVP to Lori Dault: lori_dault@partner.ny.gov by **AUGUST 23rd**
Call for more information 518-237-7000 ext. 220. See registration form for more details.

Supporters
Cayuga County, Montgomery County, Schoharie County Chamber, Oneida County, Seneca County, Syracuse Convention and Visitors Bureau, and Upstate NY Tourism Alliance

International Tourism Workshops

INLAND NAVIGATION INTERNATIONAL: THE USA



INLAND NAVIGATION INTERNATIONAL: THE USA



SMART RIVERS

2011 CONFERENCE

*Discover the Keys to Inland
Navigation's Sustainable
Future Around the World*
New Orleans, Louisiana, U.S.A.

SEPTEMBER 13 – 16, 2011

THANK YOU WITH THE PURPLE MERMAID!

