The Marine World
Past, Present and Future

Presented by:
North American Marine Consultants, LLC
Sector Breakdown

1. Ocean Going – “Blue Water”
2. Inland River System – “Brown Water”
3. Great Lakes Freighters
4. Coastal Vessels
5. Other Commercial Areas
6. Yachts/Pleasure Craft
Blue Water

- Container Ships
- Bulkers
- Tankers
- Others
  - RoRo, PCTC
- Jones Act
Blue Water Vessels
Inland River System

Columbia-Snake River Inland Waterways

The course and watershed of the Mississippi River
The Father of Waters

Gulf of Mexico
Inland Vessels

• Motor Vessels
  – Traditional Pushboats
  – Z-drives

• Barges
  – Hoppers
  – Tank Barges
  – Deck Barges
Inland Motor Vessels
Inland Motor Vessels
## NUMBER OF COVERED HOPPER BARGES
### 2011 THROUGH 2016

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<tbody>
<tr>
<td><strong>Total #</strong></td>
<td>11,000</td>
<td>10,900</td>
<td>10,975</td>
<td>11,495</td>
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<td>12,607</td>
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<td>Covered Barges</td>
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<tr>
<td><strong># Owned by</strong></td>
<td>9,400</td>
<td>9,600</td>
<td>9,250</td>
<td>9,390</td>
<td>9,560</td>
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<td>Top 6 Companies</td>
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<tr>
<td><strong>% Owned</strong></td>
<td>85%</td>
<td>89%</td>
<td>84%</td>
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<td>86%</td>
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Hopper Barges
10 and 30,000 BBL TBs
Deck Barges
You do not want to see this.....
Or this.....
Great Lakes Freighters

- Cold Fresh Water
- Shortened Shipping Season
- Results in vessels over 60 years old still active
- Starting to see introduction of ATB vessels
- Due to size must stay in Great Lakes
Great Lakes Vessels
Coastal and Offshore

- Tugs
- Barges
- Product Carriers – Tank Ships
- ATB
- Offshore Supply Vessels
  - OSV/PSV
  - Crewboats
Coastal Equipment
Coastal Equipment
330,000 BBL 600’ Product Tanker
150,000 BBL 576’ ATB
312’ OSV
Stacked Vessels
Stacked Vessels
Scrapped Vessels
Other Commercial Equipment
Yachts
Yachts
THANK YOU

North American Marine Consultants, LLC