Agenda

• Welcome
  – Bruce Duarte, President, New Bedford City Council

• Offshore Wind & Project Overview
  – Bill White, MassCEC

• Project Schedule
  – Chet Myers, Apex

• Project Update & Local Suppliers
  – Shawn Wyatt, Cashman-Weeks NB

• Coordinating Committees
  – Bill White & Matt Morrissey, NB Economic Development Council

• Questions & Answers
  – All
Past Public Meetings about NBMCT

- **July 24, 2012**: EPA Final Determination
- **Dec. 19, 2012**: NBMCT Bid Meeting
- **Jan. 3, 2013**: New Bedford Public Meeting
- **Jan. 9, 2013**: NBMCT Bid Meeting
- **Feb. 12, 2013**: New Bedford City Council
- **March 5, 2013**: New Bedford Public Meeting
- **April 2, 2013**: New Bedford Public Meeting
- **May 7, 2013**: New Bedford Public Meeting
- **June 4, 2013**: New Bedford Public Meeting
Public Outreach Updates

• Sign up for our mailing list

• All project & meeting announcements, as well as past meeting presentations are available at: www.masscec.com/newbedfordterminal

• Our team email: newbedfordterminal@masscec.com
Offshore Wind

Why it makes sense!

- Huge resource
- American-made energy
- New industry and thousands of jobs
- Environmental benefits
Global Increase of GHG Concentrations

Concentrations of Greenhouse Gases from 0 to 2005

- Carbon Dioxide ($CO_2$)
- Methane ($CH_4$)
- Nitrous Oxide ($N_2O$)
Energy Price Volatility

MA Heating Oil Prices, 1999-2011

Weekly Massachusetts Midgrade All Formulations Retail Gasoline Prices

Source: U.S. Energy Information Administration
Massachusetts Has High Electricity Prices...

2010 Average Retail Electricity Price c/kWh

Mass. is 7th Highest

Source: EIA Form 826
Energy Dollars Flowing out of MA

We spend $22B per year on energy; 80% ($18B) leaves the state
Atlantic Offshore Wind Planning

Wind Energy Planning Areas – Massachusetts to North Carolina
Massachusetts: Offshore Wind Hub
Mass. Offshore Wind Energy Area Potential

= 4 GW

• Electricity to power 50% of all Massachusetts homes

• Clean air (offsets 6,300,000 tons of CO2)

• Thousands of clean energy jobs
Offshore Wind Infrastructure

New Bedford Marine Commerce Terminal
Grenaa, Denmark

- Siemens Port for the Deployment of 3.6 MW Turbine to Anholt Wind Farm
Nacelle
Terminal Overview

- Main Facility
- Transportation Corridor
- Dartmouth Finishing Site
• 1,000 ft of New Bulkhead
• Deep Dredge Draft to 32 ft
• Approx. 28 acres of Marine Terminal
• New Navigational Channel
• Environmental & Habitat Restoration Areas
90-Day Timeline

Construction

– End of May: Installed safety & security fence around Dartmouth Finishing Site
– June: Install erosion controls
– Middle of June: Excavate and Dispose Off-site of “Hot Spot” Contamination on Main Site
90-Day Timeline

Dredging

– June: Begin Capping Winter Flounder Area
– June - August: Dredge Bottom of CAD Cell 3
– August: Begin Dredging at Terminal Site
Excavation of Hot Spots

- Soil impacted by PCBs
- > 50 ppm
- ~ 1,500 cubic yards
- An area of ~ 13,000 square feet
- Work to be completed by Mill City Environmental
- Excavated and disposed offsite to Michigan

**Green** = Impacted by PCBs
**Red** = Area visually impacted by petroleum hydrocarbons
Noise Mitigation Efforts

• Close and insulate engine doors of dredge.
• Slow the bucket as it is opened, closed, and lowered to minimize the clap against the water.
• Remove grizzly screen (a strainer-like device) so that noise is lessened when material is dumped on barge.
Noise Mitigation Update

- Contractor changed the dredging equipment: Using heavy bucket rather than light-weight bucket
- Some progress noted but ongoing efforts to minimize
- Continued noise monitoring
## Local Suppliers

<table>
<thead>
<tr>
<th>Business</th>
<th>City/Town</th>
<th>Type of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABC Disposal Service, Inc.</td>
<td>New Bedford</td>
<td>Dumpster Service</td>
</tr>
<tr>
<td>C.E. Beckman Co.</td>
<td>New Bedford</td>
<td>Marine Wholesale</td>
</tr>
<tr>
<td>Cape Cod Staging &amp; Equipment Corp.</td>
<td>New Bedford</td>
<td>Ladders/Scaffolding Service</td>
</tr>
<tr>
<td>Diligent Marine Services</td>
<td>New Bedford</td>
<td>Marine Services</td>
</tr>
<tr>
<td>Fairhaven True Value Hardware</td>
<td>New Bedford</td>
<td>General Supplies</td>
</tr>
<tr>
<td>Frade's Disposal, Inc.</td>
<td>New Bedford</td>
<td>Dumpster Service</td>
</tr>
<tr>
<td>General Supply &amp; Metals, Inc.</td>
<td>New Bedford</td>
<td>Steel/General Supplies</td>
</tr>
<tr>
<td>Hathaway Mills LLC</td>
<td>New Bedford</td>
<td>Lease for JV Office</td>
</tr>
<tr>
<td>Hercules</td>
<td>New Bedford</td>
<td>Marine/Safety Supplies</td>
</tr>
<tr>
<td>Mid City Steel</td>
<td>Westport</td>
<td>Steel Supplier</td>
</tr>
<tr>
<td>New Bedford Welding Supply</td>
<td>New Bedford</td>
<td>Welding Supplies</td>
</tr>
<tr>
<td>Pier Oil, LLC/Luzo Fuel Inc.</td>
<td>New Bedford</td>
<td>Marine Fuel/Supplies</td>
</tr>
<tr>
<td>R.A. Mitchell</td>
<td>New Bedford</td>
<td>Marine Master Tech</td>
</tr>
<tr>
<td>Raymond Piling Products</td>
<td>Taunton</td>
<td>Sheet piles / Pipe piles</td>
</tr>
<tr>
<td>Rick's Outboard Marine</td>
<td>New Bedford</td>
<td>Marine Equipment Service/Parts</td>
</tr>
<tr>
<td>Sea Fuels Marine Services, Inc.</td>
<td>New Bedford</td>
<td>Marine Fuel/Supplies</td>
</tr>
<tr>
<td>Shuster Corp.</td>
<td>New Bedford</td>
<td>Bearings/Hoses/ General Supplies</td>
</tr>
<tr>
<td>Total Welding Supplies</td>
<td>East Freetown</td>
<td>Welding Supplies</td>
</tr>
<tr>
<td>Tucker-Roy Marine Towing</td>
<td>Mattapoisett</td>
<td>Marine Services</td>
</tr>
<tr>
<td>Valtran, Inc.</td>
<td>New Bedford</td>
<td>Mobile Storage/Office &amp; Temp. Fencing</td>
</tr>
</tbody>
</table>
Cashman-Weeks NB

• New Bedford Field Office
  – 57 Cove Street, 2nd Floor, New Bedford

For project related inquiries: (508) 717-5876

To Apply: Stop by to fill out an application in person
Access and Opportunity Committee

• Forming a Committee of a representative from City of New Bedford, state, MassCEC, community organizations, Cashman-Weeks NB and labor unions

• Goal: to monitor the progress of hiring goals

• Deliverables: *quarterly* public reports
Access and Opportunity Committee

• In formation. A representative from:
  – MassCEC
  – New Bedford City Council
  – New Bedford Economic Development Council
  – Southeastern MA, Cape Cod, & Islands Building Trades Council
  – Cashman-Weeks NB
  – New Bedford Business Community
Commonwealth – City Workforce Development Group

• Forming a Committee with a representative from New Bedford, State, MassCEC, and Regional Academic Institutions

• Goal: to coordinate and pursue federal and state grant opportunities for workforce training

• Focus on pre-apprentice training, adult basic education, English as a second language training, and other similar programs
Commonwealth – City Workforce Development Group

- In formation. A representative from:
  - MassCEC
  - Executive Office of Education Labor and Workforce Development and Housing and Economic Development
  - New Bedford Economic Development Council
  - University of Massachusetts Dartmouth
  - Bristol Community College
  - Cape Cod Community College
  - New Bedford Workforce Investment Board
Upcoming Schedule of Public Meetings:

First Tuesday of the Month
6:00 p.m. to 7:30 p.m.
Third Floor, New Bedford Public Library

- Tuesday, July 2
- Tuesday, August 6
- Tuesday, September 3
- Tuesday, October 1

Please visit our website www.masscec.com/newbedfordterminal for updated information about public meeting schedules.
New Bedford looks to ‘Wind City’

German port being examined for a model of how to become a hub for the offshore wind industry

BREMERHAVEN, Germany

CITY OFFICIALS and business leaders of New Bedford came to the perfect place for inspiration last month, just before they broke ground on America’s first port terminal dedicated to the offshore wind industry. For all the lament in New Bedford about the city’s high unemployment rate, Bremerhaven, Germany, had it worse. Locals once said this was a city of no hope.

By 1999, Bremerhaven’s shipbuilding and fishing industries had crashed. A US military base had shut down, leaving shopkeepers idle and their landlords empty handed. Unemployment hit 25 percent. A quarter of its population disappeared. This once-proud gateway to the North Sea was now “a windy, empty town filled with just old people,” according to Annette Schimmel of the port handler BLG Logistics.

“I compare it to a little Detroit,” said Jens Eckhoff, president of the German Offshore Wind Energy Foundation and a former senator. “I made a lot of visits to schools and it was horrifying to talk to the young people. Their first question was always, ‘How do I get out of Bremerhaven?’”