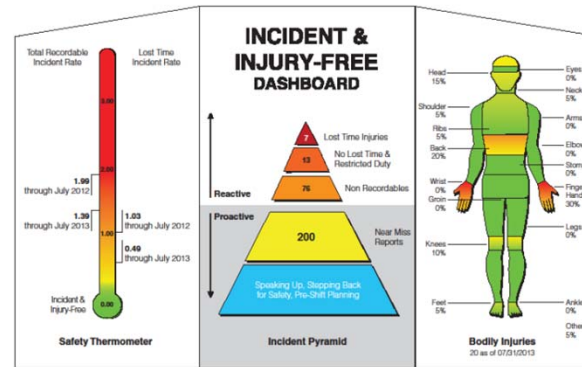


Dredgers Respond to Super Storm Sandy

**Bill Hanson
WEDA 2013 Hawaii**

Safety is our Highest Priority

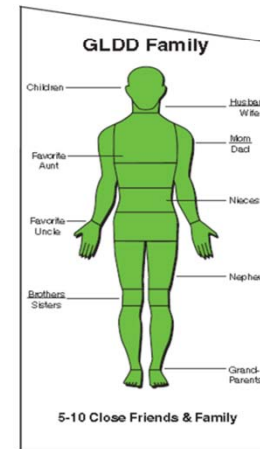


Safety Man



Great Lakes Dredge & Dock Company, LLC
2122 York Road, Oak Brook, IL

JANUARY - JULY 2013



From
Safety Man
to Family Man

376 x 5 = ~ 1880 family members

376 x 10 = ~ 3760 family members



Great Lakes Dredge & Dock
Corporation



Post-Tropical Cyclone Sandy

Dates: 10/22 - 10/30 2012

Maximum Wind Speed: 105 mph

Minimum Pressure: 940 mb

US Landfall Category:

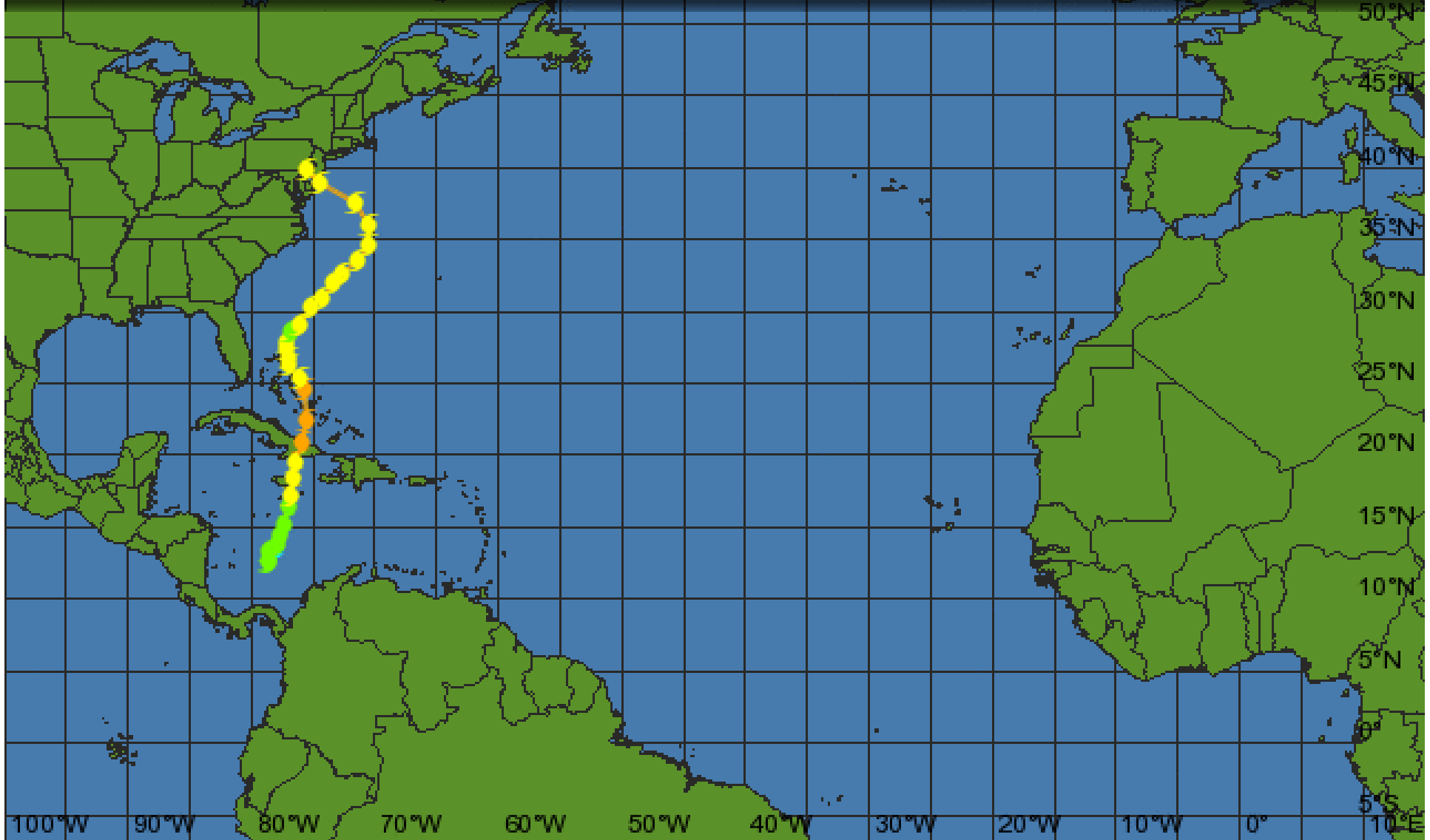
Deaths:

Storm Category

Tropical Depression	Tropical Storm	Category 1	Category 2	Category 3	Category 4	Category 5
< 39 mph	39-73 mph	74-95 mph	96-110 mph	111-130 mph	131-155 mph	156+ mph



Weather Underground
wunderground.com









Immediate Response

- Corps of Engineers
- East Rockaway
- Shinnecock
- Sea Bright
- Brandt Beach
- Breach Long Island



Political Response

- Gov. Christie
- Gov. Cuomo
- Mayor Bloomberg
- Coastal Mayors - ASBPA

Where have these guys been?



Political Response

- Isaac – Louisiana
- Debbie – Florida
- Support/Sympathy



Sandy Supplemental

Authorities

The Disaster Relief Appropriations Act of 2013 (PL 113-2) allocated \$5.35 billion (\$5.08 billion after sequestration) to the U.S. Army Corps of Engineers to address areas impacted by Hurricane Sandy. The Corps' North Atlantic Division received \$4.56 billion (\$4.33 billion after sequestration) of this funding. Under the Disaster Relief Appropriations Act, the North Atlantic Division will be executing projects under the following five categories.



NAD Short Term Projects

25 Approved Projects

This work entails placing more than 26 million cubic yards sand.

Connecticut: 2 projects

- 2 not yet awarded

Delaware: 5 projects

- 4 construction in progress
- 1 awarded

Maryland: 1 project

- 1 awarded

New Jersey: 8 projects

- 2 completed
- 4 construction in progress*
- 2 awarded

* Including the world's largest beachfill project by volume

New York: 6 projects

- 4 construction in progress
- 1 awarded
- 1 not yet awarded

Rhode Island: 1 project

- 1 not yet awarded

Virginia: 2 projects

- 1 completed
- 1 construction



NAD Operations and Maintenance

84 Approved Projects

Connecticut: 5
Delaware: 3
Massachusetts: 11
Maryland: 3
Maine: 3
New Jersey: 18
New York: 20
Rhode Island: 4
Virginia: 15
Multiple States: 2

14 Completed Projects

Connecticut: 1
Massachusetts: 3
New Jersey: 2
New York: 7
Virginia: 1

Surveys: The Corps' survey mission has increased roughly 50% in the year following Hurricane Sandy



NAD Authorized but Not Constructed

18 Projects

Delaware: 1 project

New Jersey: 11 projects

New York: 5 projects

Virginia: 1 project

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NAD Coastal Storm Damage Studies

17 Studies

Delaware: 1 study

New Jersey: 9 studies

New York: 6 studies

Rhode Island: 1 study

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NAD Continuing Authorities Program

11 Projects

Connecticut: 1

Delaware :1

Maine: 1

Maryland: 1

Massachusetts: 2

New Jersey: 2

New York: 1

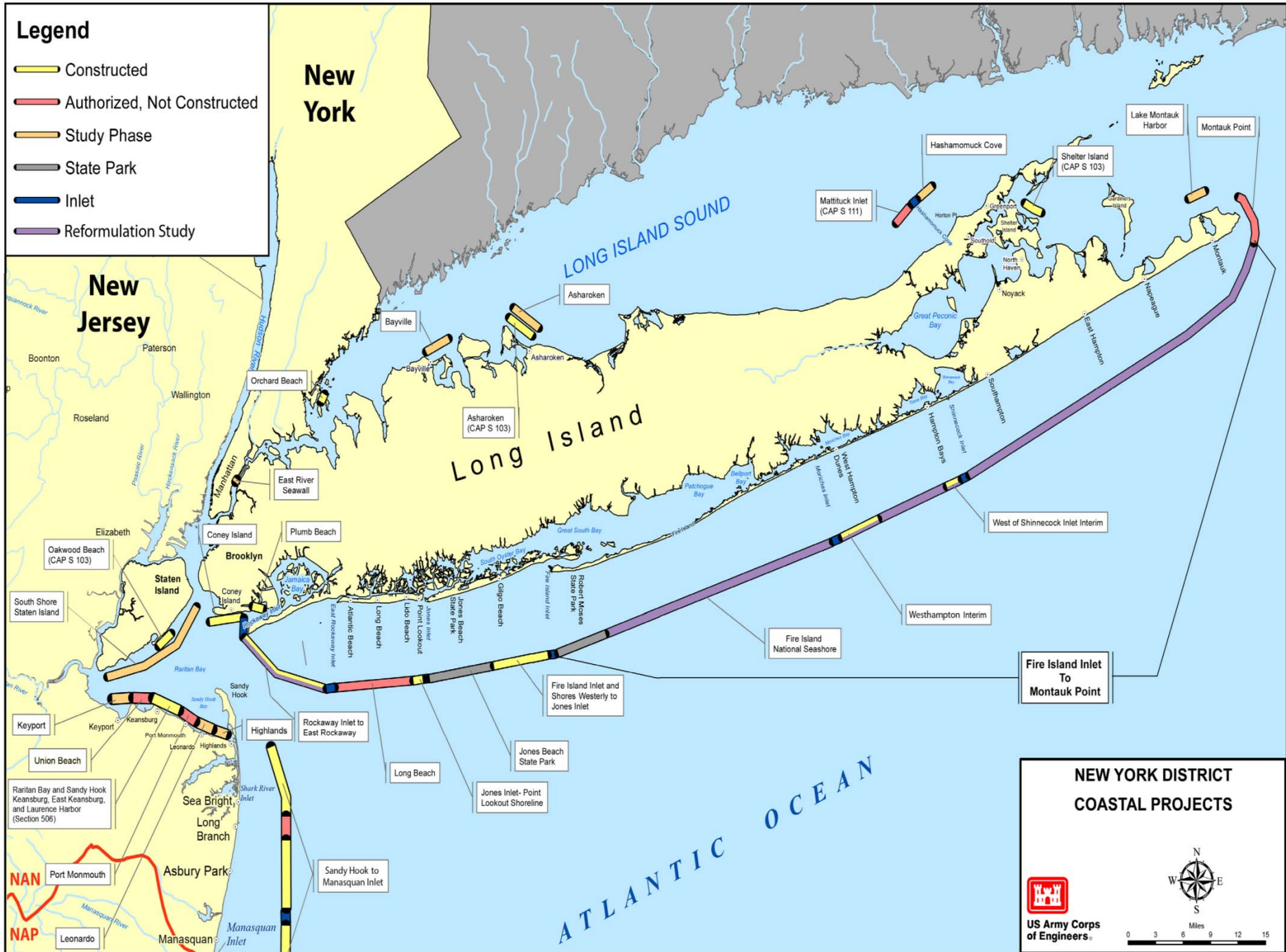
Virginia: 2

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Legend

- Constructed
- Authorized, Not Constructed
- Study Phase
- State Park
- Inlet
- Reformulation Study



**NEW YORK DISTRICT
COASTAL PROJECTS**





Miles
0 3 6 9 12 15

New Jersey

Superstorm Sandy Recovery USACE Coastal Projects (Philadelphia District)



HURRICANE AND STORM DAMAGE REDUCTION (HSDR) Jacksonville Program

● Authorized Projects

— Jacksonville Civil Works Boundary



Partnering

Surge workload

- Industry Capacity
- Corps Capacity
- Previous Experience
- Partnering on scheduling
- NAD/SAD Industry Days

We can do this!

**Great Lakes Dredge & Dock
Corporation**









Sea Bright NJ



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Results

- Most projects getting multiple bids
- Under GE

- Technical issues
- Permitting issues
- Contracting issues



Opportunities

- Develop long term national commitment
- Develop local interests
- Develop long term investment in research

- Show what U.S. Engineers can do!

**Great Lakes Dredge & Dock
Corporation**





Thanks!

Bill Hanson
WEDA 2013 Hawaii

**GREAT LAKES
DREDGE & DOCK
CORPORATION**

INNOVATION, ENGINEERING & EXECUTION