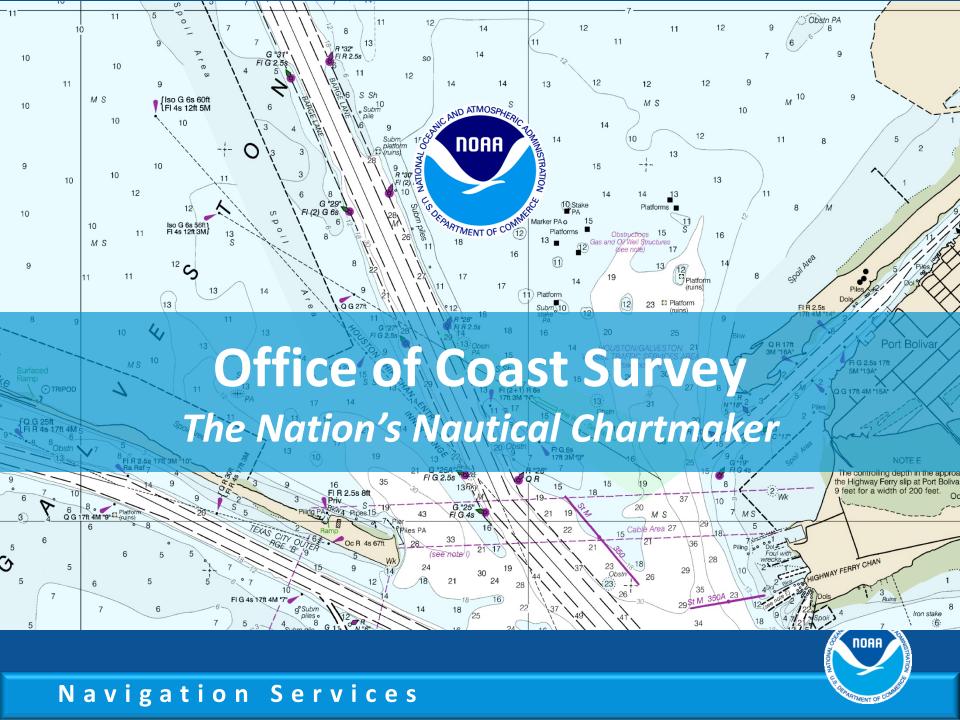


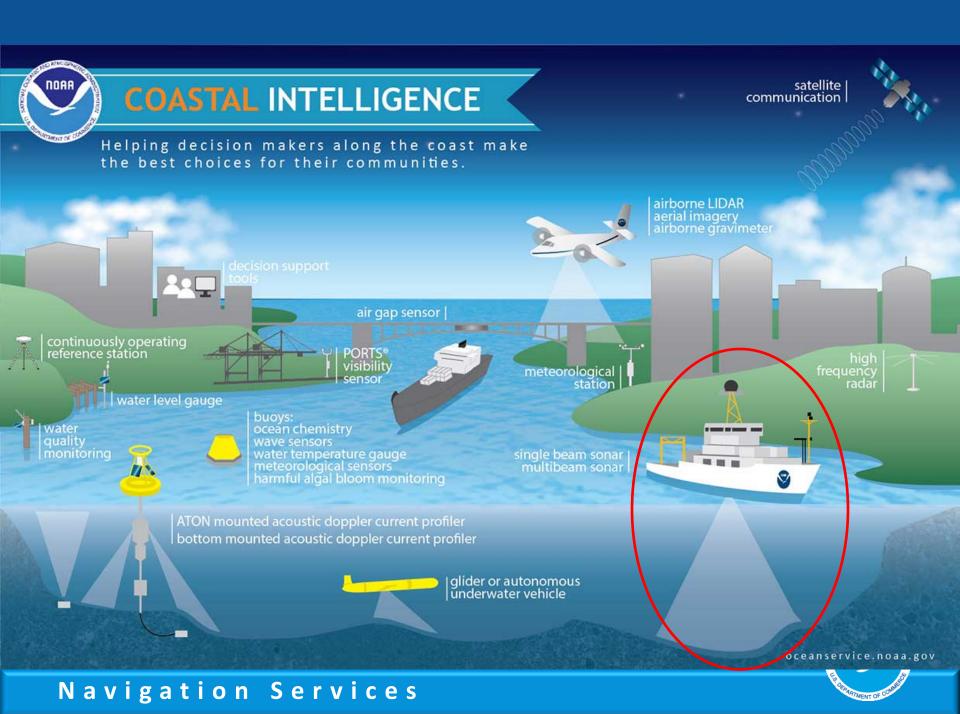


Maritime Transportation System Emergency Planning, Preparedness, Response & Mitigation

NOAA Office of Coast Survey November 9, 2016 Marine Board Fall Meeting





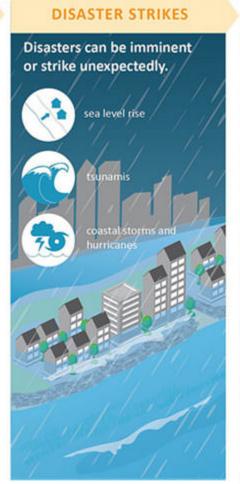


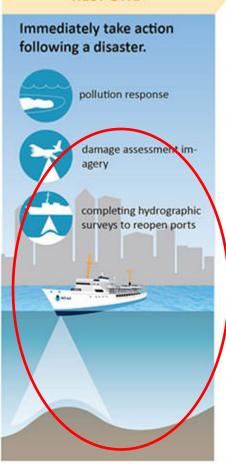


COASTAL RESILIENCE

Bouncing back & building beyond.

PLAN & BUILD RESILIENCE Develop and implement plan to become more resilient. improving forecasts, observation models, computer systems getting information to decision makers faster incorporating green infrastructure





RESPOND



RECOVER

Assess resilience and begin planning for the next disaster.

Building resilience is an iterative process.



Navigation Managers work in port areas

NOAA point of contact for port clearance surveys and charting issues









Command & Control

ESF COORDINATING, PRIMARY, AND SUPPORT DESIGNATIONS

Table 2. Designation of ESF Coordinator and Primary and Support Agencies

		Emergency Support Functions															
Agency	#1 - Transportation		#2 - Communications	#3 - Public Works and Engineering	#4 - Firefighting	#5 - Emergency Management	#6 - Mass Care, Emergency Assistance, Housing, and Human Services	#7 - Logistics Management and Resource Support	#8 - Public Health and Medical Services	#9 - Search and Rescue	#10 - Oil and Hazardous Materials Response	#11 - Agriculture and Natural Resources	#12 - Energy	#13 - Public Safety and Security	#14 - Long-Term Community Recovery	#15 - External Affairs	
USDA				S		S	S	S	S		S	C/P/S	S	,	Р	S	
USDA/FS	S		S	S	C/P		S	S	S	S	S			V			
DOC	S		S	S	S	S		S	S	S	S	S	S	S	S	S	
DOD	5		S	S	S	S	S	S	S	Р	S	S	S	S	S	S	Τ
DOD/USACE	S			C/P	S		S	S	S	S	S	S	S	S	S		1
ED						S										S	1



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Sandy Response - Marine Transportation System Recovery Unit (MTSRU)

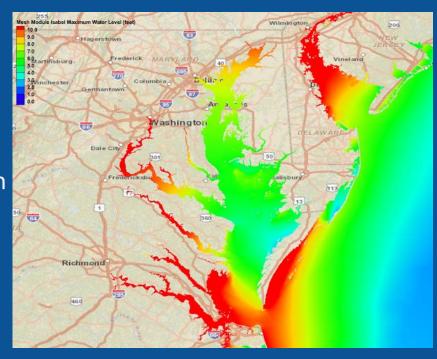




Providing data for coastal ocean modeling

Operational forecast systems predict ocean conditions for ports and estuaries

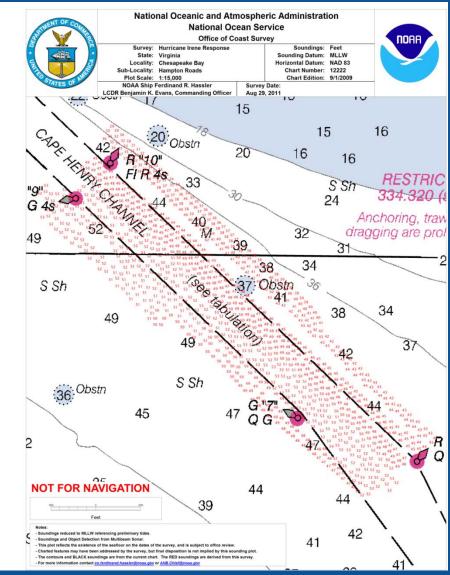
- Provides water levels, currents, temperature, salinity
- Supports next generation of precision navigation tools, rescues and spills, ecological predictions
- 14 systems operational
 - adding 1-2 per year
- Community-based models and data standards
- Model tidal datum fields for VDatum
- Develops storm surge models to support coastal resilience





Acquiring low density sounding data

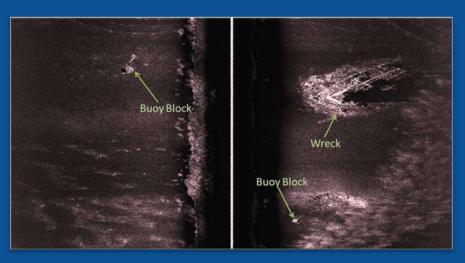


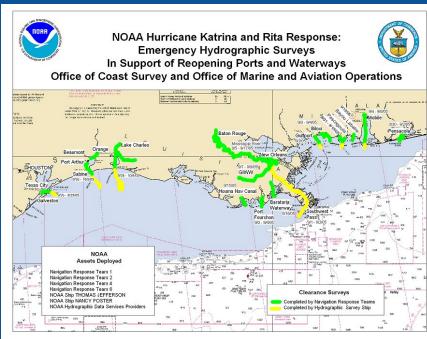




Speeding the re-opening of ports after hurricanes and other natural disasters

- Response teams survey ports and channels, searching for submerged debris
- Real-time data guides poststorm response





Gulf Coast (2005)



Capacity & Capability



Bay Hydro II Silver Spring, Maryland 2008



Rainier
Newport, Oregon
1968



Ferdinand R. Hassler
New Hampshire
2012



Fairweather
Ketchikan, Alaska
1968





Thomas Jefferson Norfolk, Virginia 1992



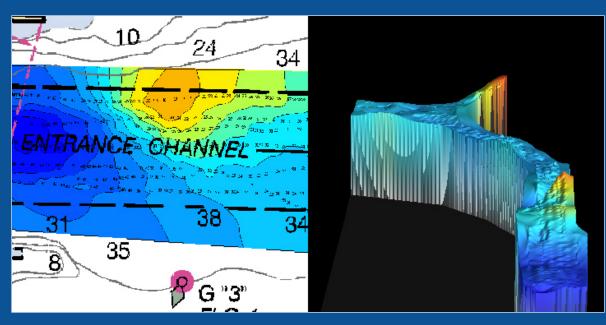




Navigation Response Teams deploy quickly

- Respond to emergencies
- Conduct hydrographic surveys
- Validate ENCs
- Support homeland security

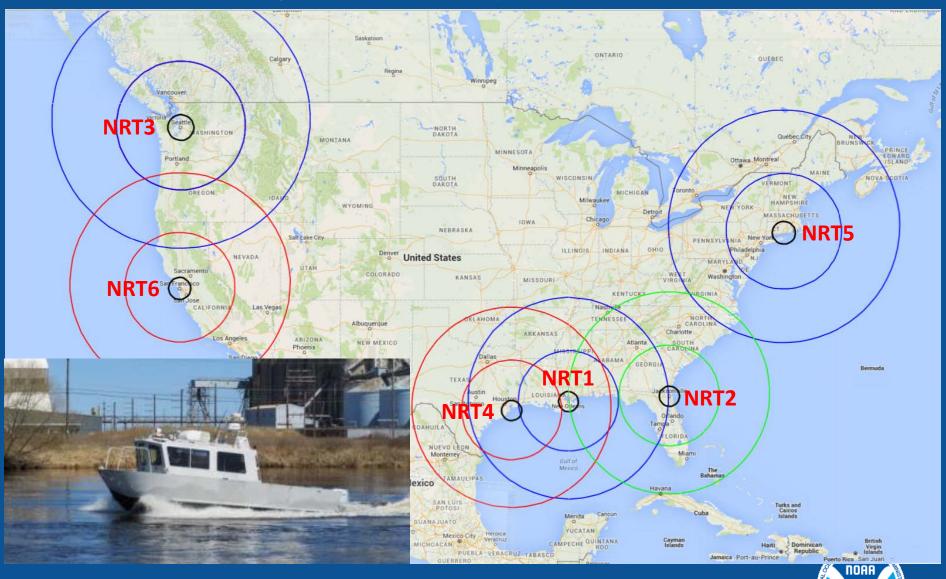






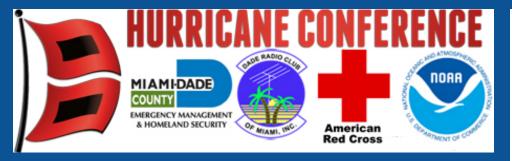


Navigation Response Teams

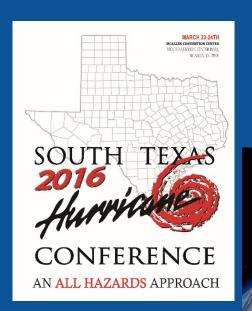


Communication & Coordination















Changes are coming to Homeport. Click here for additional information.

Port Directory

Library

Port Directory

Select Coast Guard Unit:

JACKSONVILLE

SECTOR JACKSONVILLE (07-33231) 10426 ALTA DRIVE JACKSONVILLE, FL 32226 Primary Phone: (904) 714-7500 Emergency Phone: (904) 714-7558 / 7555

Fax Number: Rescue 21 VHF DSC MMSI Number: 003669962 URL: http://www.uscg.mil/d7/sectJacksonville/ Quick Link http://homeport.uscg.mil/jacksonville

Contact Us

National Response Center Number: 800-424-8802 - Contact the NRC for oil spills, hazmat releases, and America's Waterway Watch.

News and Events

News and Events

MARINE SAFETY INFORMATION BULLETIN 074-16

MSIB 081-16 Port Condition IV Set for Port of Fernandina

Coast Guard Prevention

Commercial Fishing

Container Inspections

Domestic Vessel Inspection

Drug And Alcohol Program

Facility Inspections

Homeland Security

Investigations

- Useful Links!
- Suspension & Revocation for Drug Use and Possession
- Requirements for Reporting Marine Casualties & Mandatory Chemical Testing
- . Marine Casualty Reporting Forms
- Administrative Clemency

Port State Control (Foreign Vessel Boardings)

Regional Exam Center

Waterways Management

MSIB 13-11 Waterways Analysis Management System (WAMS) Study

Coast Guard Response

Hazardous Materials Response

Homeland Security

Incident Command System Port-Specific

Marine Transporation System (MTS) Recovery VQPASS

- VASPT
- NF and East Central Florida MTS Recovery P
- Marine Transportation System Status / Facility Information Link

Response Phone: 904-714-7539 Incident Mgmt. Phone: 904-714-7521 Enforcement Phone: 904-714-7522 Prevention Phone: 904-714-7549 Inspection Phone: 904-714-7615 Investigations Phone: 904-714-7497 Waterways Management Phone: 904-714-7616 Prep/Planning Phone: 904-714-7546 Facilities Branch Phone: Commercial Fishing Vessel Phone: 904-714-7601 Foreign Vessel Exams Phone: 904-714-7613

Facility Inspection Branch Phone: 904-714-7630





SERRCH

COTP MARSEC Level COTP MARSEC Level



Port Status Information

Port Status Information

JACKSONVILLE Port Status Information

JACKSONVILLE	Tort Status III	IOTHIALION			
Port	Status	Comments	Last Changed		
PORT CANAVERAL	OPEN	Port Condition IV	10/13/2016		
PORT OF FERNANDINA	OPEN	Port Condition IV	10/13/2016		
PORT OF	OPEN	Port Condition IV	10/09/2016		

Top Content Information

Top Content Information

JACKSONVILLE Top Content List No Top Content List Found.

Safety and Security

Area Contingency Plan

Area Contingency Plan-Updated 2014











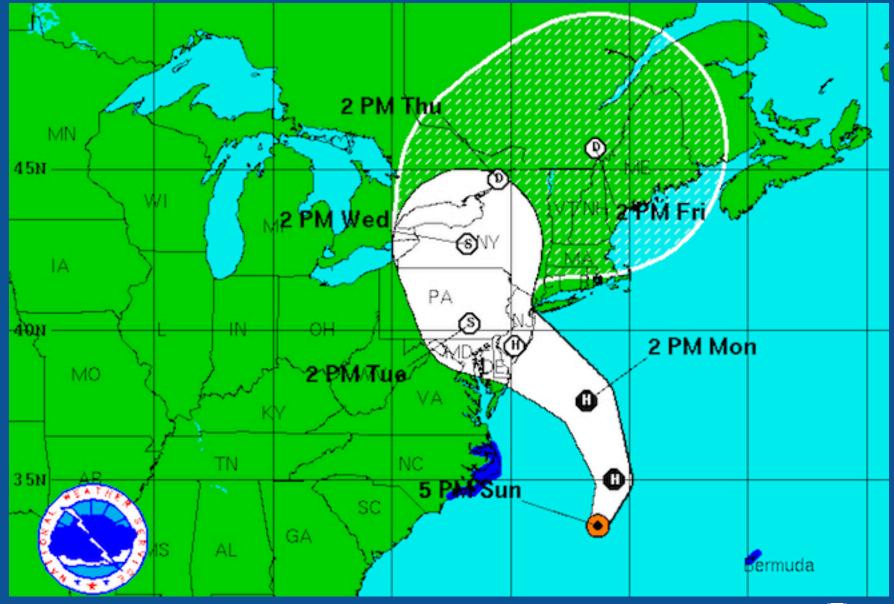














Navigation managers coordinated with:

- ✓ Coast Guard
- ✓ Army Corps of Engineers
- ✓ Pilots
- ✓ Port officials
- ✓ Terminal operators



Lt. Brent Pounds uses sunlight to explain survey plans to a terminal operator.

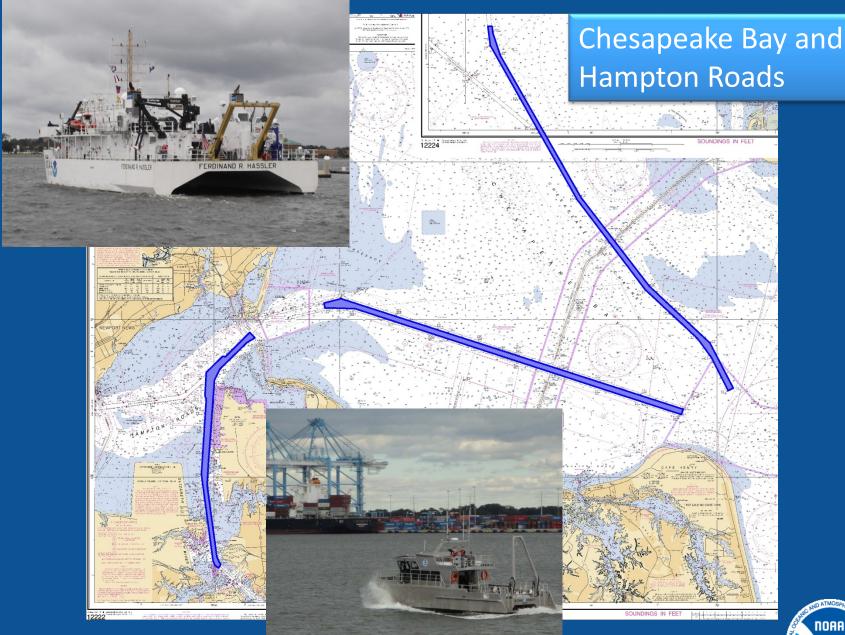
For days, the team in NY-NJ had no power, no phones, no hot water / hot food, little / no connectivity, and a major fuel crisis.





Rapid Maritime Response

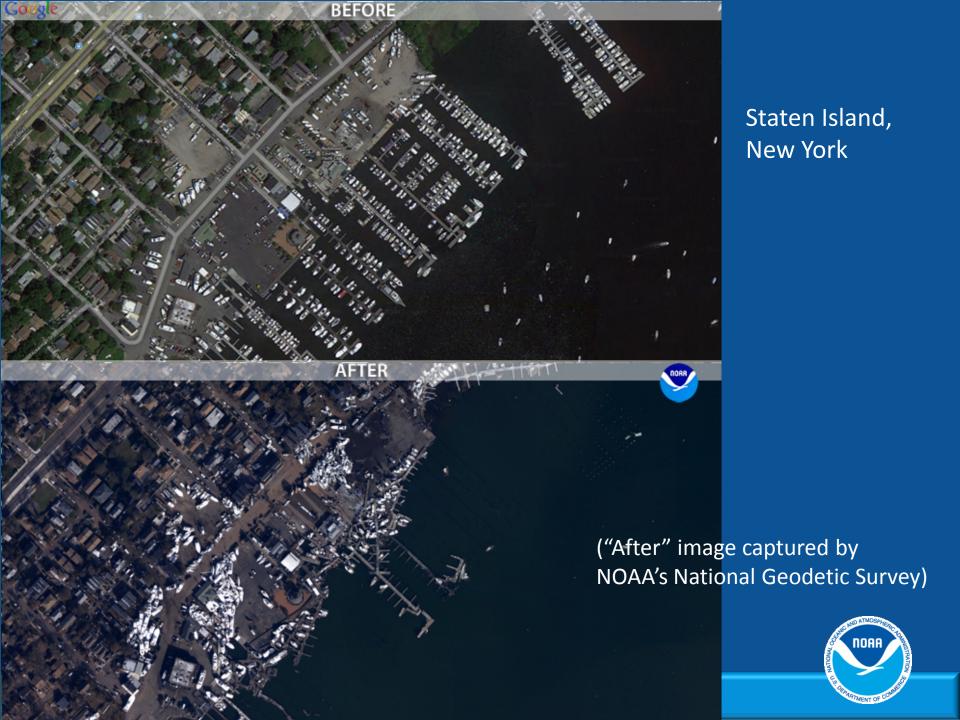


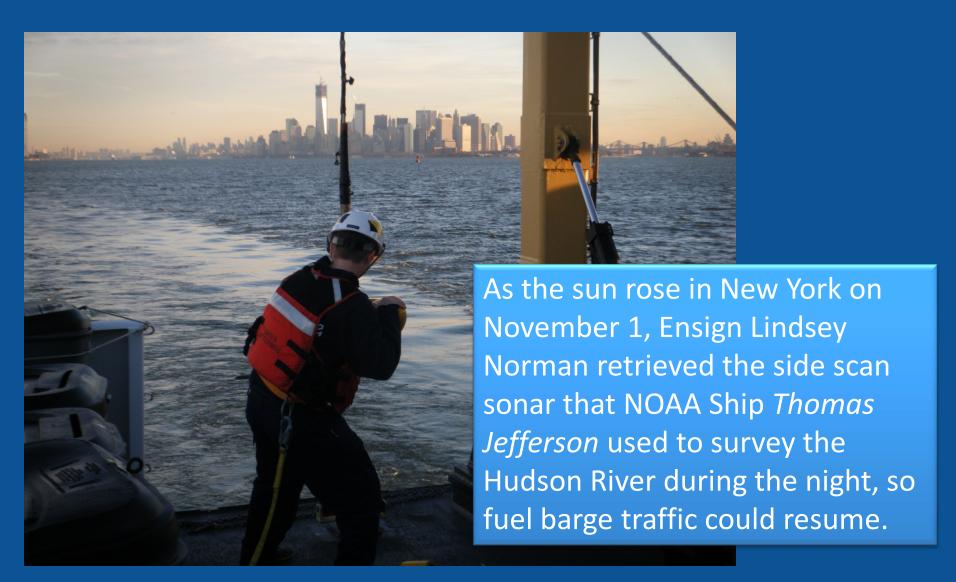






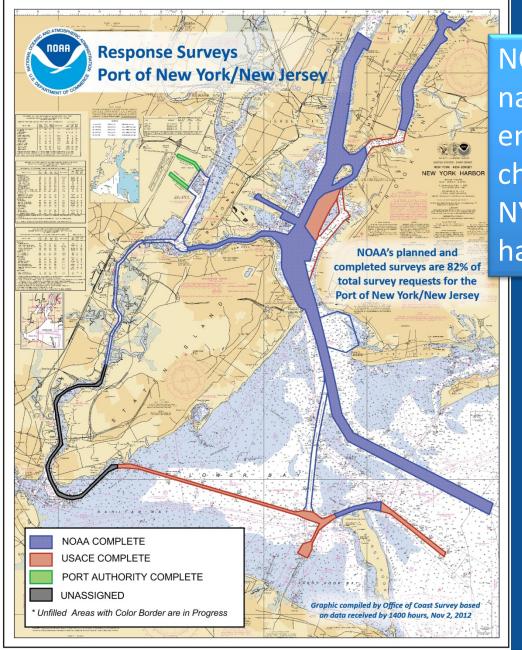






The New York / New Jersey port area is the country's largest for petro-chemical transportation, with the second largest oil refinery.





NOAA surveyed 20 square nautical miles in 5 days, ensuring that all shipping channels in the Port of NY/NJ were clear of any hazards.



Further Collaboration

Post-Sandy Lessons

CMTS Resilience IAT

Regional Response Priorities



