

FPN: M16004
M/V ENDEAVOUR

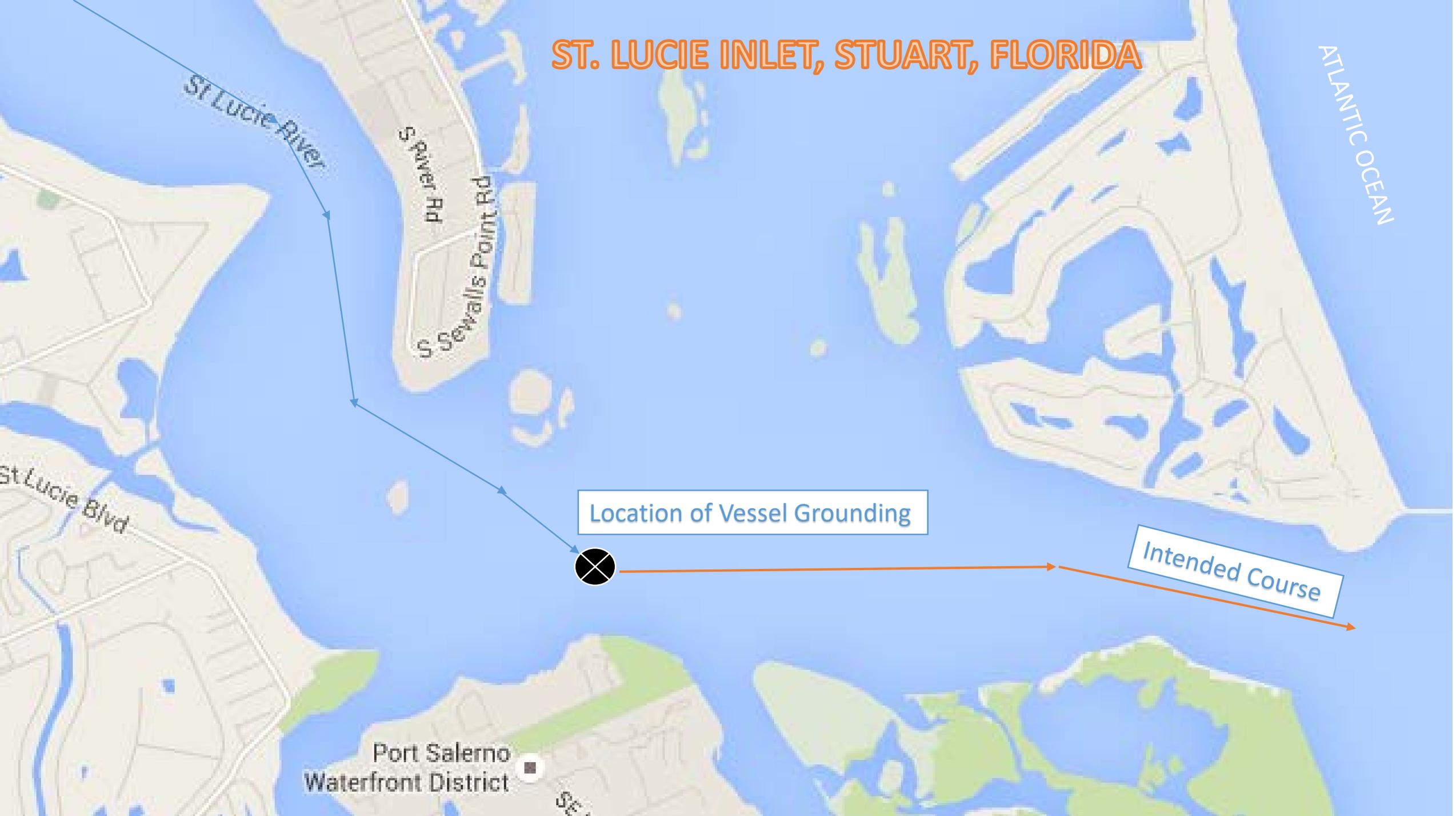


U.S. Coast Guard Sector Miami
CAPT Austin J. Gould
Sector Commander

Background

- The M/V ENDEAVOUR was a steel hulled 60 ft. inboard diesel, built in 1946.
- Vessel was recently sold to a new owner after spending years moored to a private residence.
- The purpose behind the vessels voyage was to bring aid supplies to the owners family located in Haiti.
- The vessel was grossly overloaded with cargo; mainly diesel fuel & rice/ wheat.

ST. LUCIE INLET, STUART, FLORIDA



St Lucie River

S Power Rd

Sewalls Point Rd

ATLANTIC OCEAN

St Lucie Blvd

Location of Vessel Grounding

Intended Course

Port Salerno Waterfront District

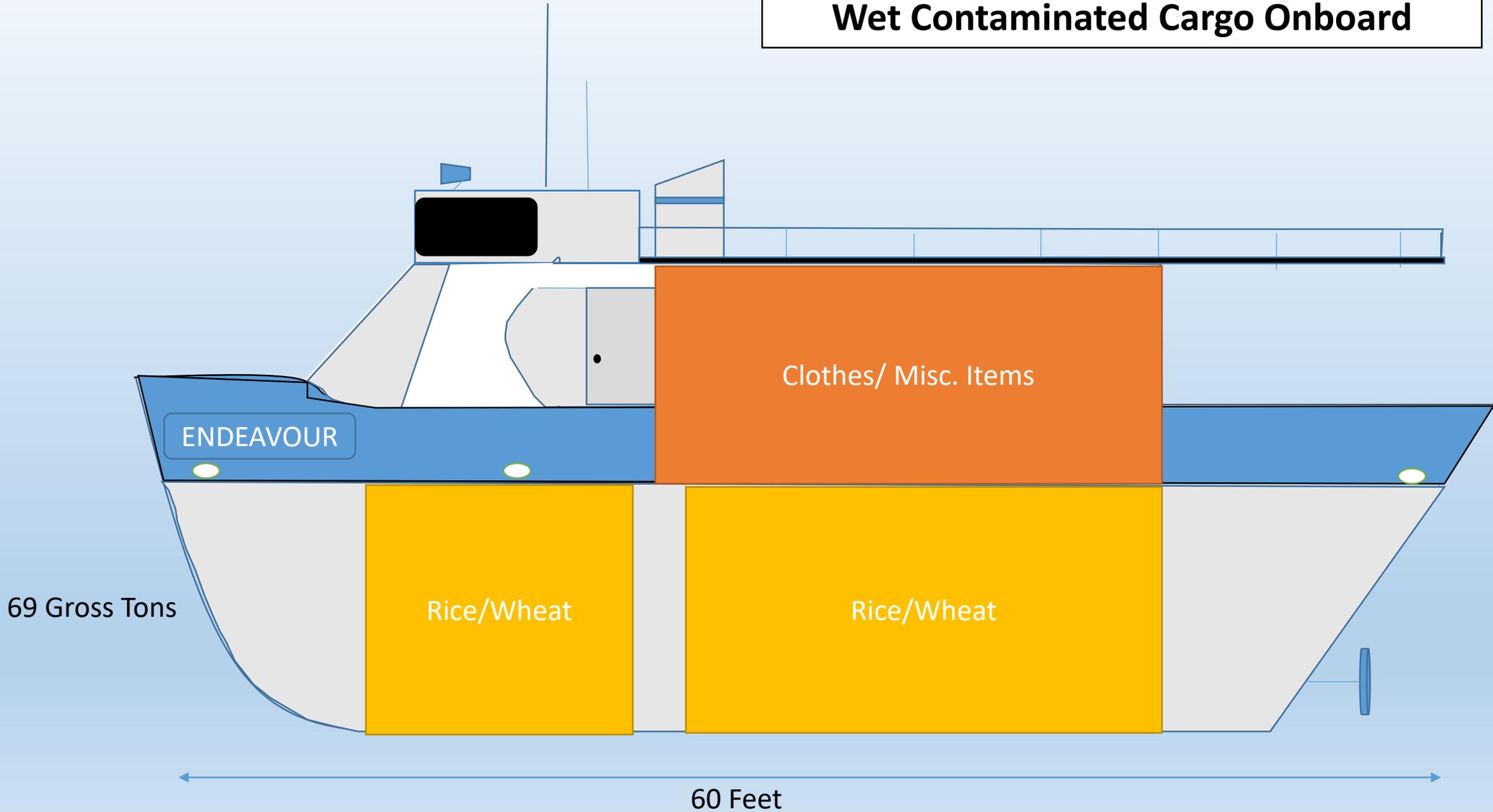
26 October 2015: Approx. 1500

- M/V ENDEAVOUR was reported to have grounded outside of the main channel in St. Lucie Inlet, Stuart, FL
- Station Fort Pierce and MSD Lake Worth personnel respond to assess the situation
- Vessel was able to briefly float freely before again running hard aground several hundred yards from the original location
- Station Lake Worth removed the crew due to the unstable nature of the vessel.
- Once it was determined the owner could not afford to take action, FPN M16004 was opened for \$20,000.00 to remove the fuel onboard.



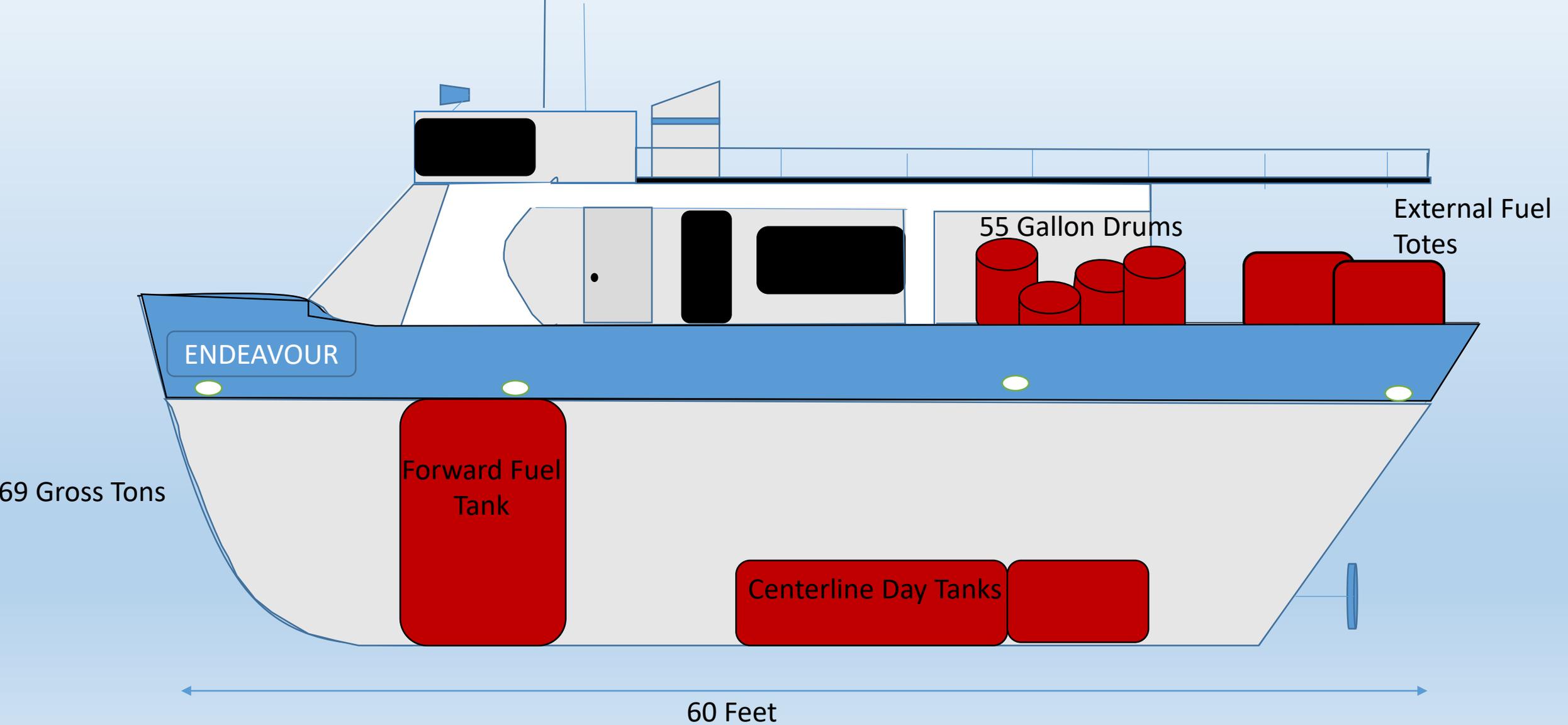
M/V ENDEAVOUR

Unknown at the time; Over 300 tons of Wet Contaminated Cargo Onboard



M/V ENDEAVOUR

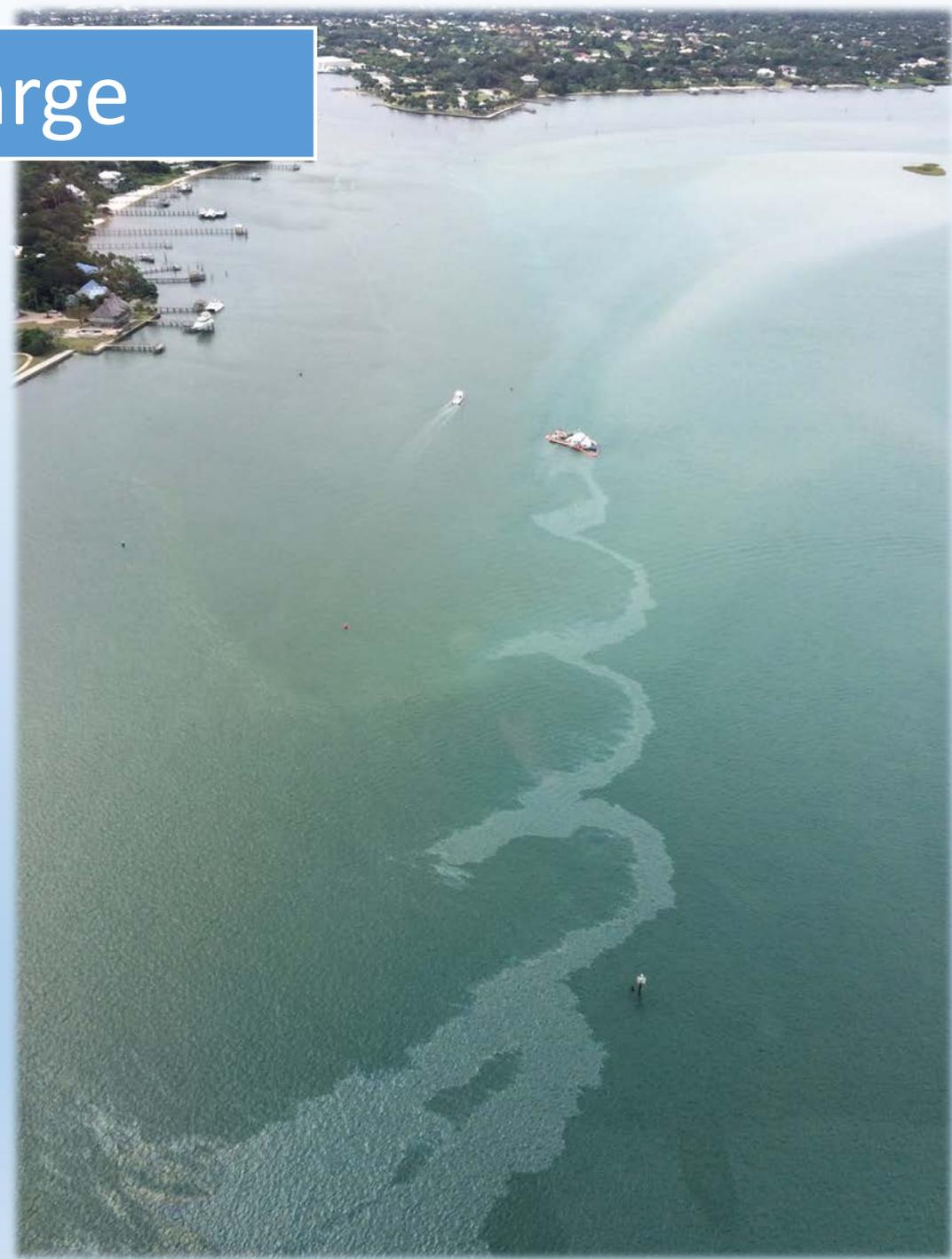
2,000 gallons of diesel fuel aboard



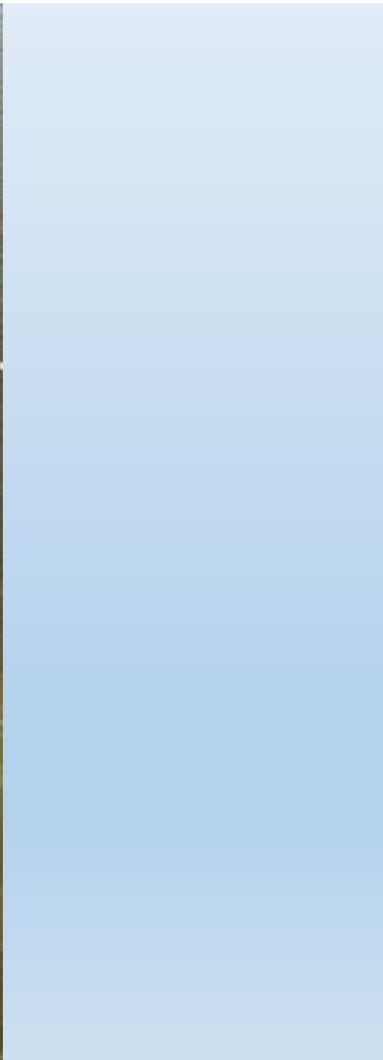


NO WAKE

Aerial Photos of the Initial Discharge

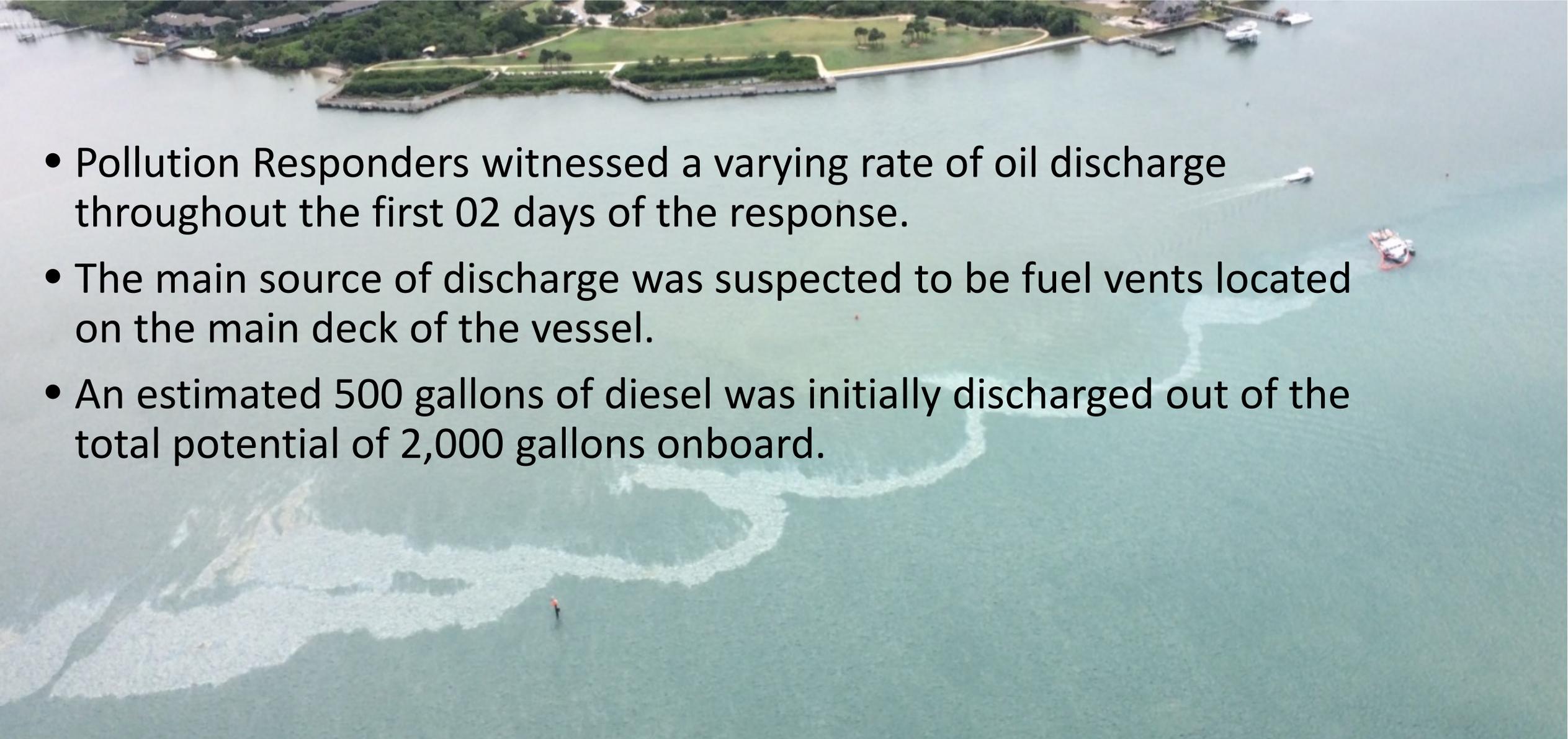


Contractors were able to secure the discharge using underwater cement, plastic bags, and wooden bungs



Diesel Discharge

- Pollution Responders witnessed a varying rate of oil discharge throughout the first 02 days of the response.
- The main source of discharge was suspected to be fuel vents located on the main deck of the vessel.
- An estimated 500 gallons of diesel was initially discharged out of the total potential of 2,000 gallons onboard.





Potential to Negatively Affect the fragile Ecosystem

Area is heavily comprised of fragile mangrove and reef habitats

Raising the ENDEAVOUR



- To access the fuel and permanently secure the discharge, the ENDEAVOUR needed to be raised.
- When lift bags and patching alone failed, a crane barge and tug were contracted.

Cargo within M/V ENDEAVOUR

- The estimated 300 tons of wet contaminated cargo filled every available compartment within the vessel.
- Caused major issues during efforts to refloat.
- Additional step of removing the cargo was necessary before the vessel could be raised.



Total Disposal Summary



- Over 4,000 Gallons of Fuel, Oil and Oily-Water Mixture.
- 55 tons of oil contaminated dry cargo.
- Over 30 drums of oily solid waste.

Final Removal of the M/V ENDEAVOUR

- OSLTF Funding was authorized to tow the vessel to a local marina where a Vac Truck removed over 2,000 gallons of oily water from the engine room.
- The heavily oiled state of the vessel caused it to remain as threat to the marine environment despite removal of accessible fuel from all holding tanks.
- Martin County worked with USCG Sector personnel to devise a final removal strategy in which the county would pay for the haul out and destruction of the vessel once it was floated.



M/V ENDEAVOUR under tow to American Custom Yachts in Stuart, FL for final removal.

FPN M16004: M/V ENDEAVOUR Stat's

- **19 day** long response effort
- FPN M16004 reached a ceiling of **\$575,000.00**
- Recovered and disposed of
 - Over **4,000 gallons** of fuel and oily-water mixture
 - **55 tons** of solid oil contaminated waste
 - **31 drums** of oiled sorbent material
- Required 02 overflights by HH-65 Dolphin from Air Station Miami
- Safety Zone around vessel enforced by FWC and CG Station Fort Pierce
- 02 Members from the CG Gulf Strike Team deployed to aid in finance and site safety.
- Is recognized as the largest federal project within the last decade to occur within Sector Miami's AOR.



M/V ENDEAVOUR removed from the waterway

Sector Miami

Incident Management Division

Highlights



August –Present

- **246** oil/ hazardous substance incidents reported
 - **02** Civil Penalties
 - **17** Notice's of Violation
 - **35** Letter's of WarningEnforcements totaling nearly **\$20,000.00** in proposed penalties
- **06** Federal Projects :
 - **05** FPN's
 - **01** CPNTotal ceiling of **\$666,000** in funding accessed from the Oil Spill Liability Trust Fund
- **03** Government Initiated Unannounced Exercises (GIUE) performed on 03 Mobile Facilities
 - All 03 resulted in **failures** due to issues with:
 - Initial notifications
 - Oil spill response contractor response time

Sector Miami Contingency Planning Highlights



Exercises

- **Nov 2015** – Provided exercise design support and training to University of Miami emergency management staff to conduct “Operation Coral Cascade” full-scale exercise. Taught EM staff in HSEEP protocols. Networked with the following agencies to provide exercise support: NOAA modeling staff (spill trajectory), Army Corps of Engineers (booming permit), Cliff Berry Inc. (booming display), and FL F&W (ICS Environmental Unit staffing).

Area Contingency Plan (ACP)

- ACP Updates: Working closely with 07 counties to update Geographic Response Plans, Environmental Sensitivity Indexes, and Tidal Inlet Protection Strategies. Collected over 400 edits and applying to above references awaiting next cycle digitization.