

## Canaveral Harbor Expansion Port Canaveral, Florida Project

REMSA, Inc. has contracted with The Dutra Group to widen and deepen the main channel of Port Canaveral and provide 24-hr environmental monitoring. Since the projects onset in May 2014 REMSA has provided Protected Species and Water Quality Monitoring per Florida Fish & Wildlife Conservation Commission (FFWCC) and The Florida Department of Environmental Protection (FDEP). The Canaveral Harbor Expansion Project is a multi-year project.



REMSA, Inc. is responsible for the following:

- **Protected Species Monitoring / Observation:** Monitor 24-hrs a day during all phases of the project for the presence of the Florida Manatee (*Trichechus manatus*), Smalltooth sawfish (*Pristis pectinata*), North Atlantic Right Whales (*Eubalaena glacialis*) and sea turtles: Loggerhead (*Caretta caretta*), Green (*Chelonia mydas*), Kemp's ridley (green), (*Lepidochelys kempii*), Hawksbill (*Eretmochelys imbricata*), Leatherback (*Dermochelys coriacea*).
- **Collect Sighting Data:** Maintain logs of all species sightings within the project area. Biologists are responsible for recording all sighting information including number of individuals, behaviors, size class, the direction of movement/travel, distance from the vessel, and environmental conditions. When a species of interest is located within the exclusion zone, biologists work side by side with crews dedicated to suspend project operations until the animals have voluntarily moved outside of the exclusion zone.
- **Water Quality Monitoring:** Monitor water quality at or adjacent to the project site to ensure compliance with the water quality standards of the State of Florida (section 401 of the Clean Water Act, 33 U.S.C. 1341). Turbidity measurements are acquired in adherence to FDEP's Standard Operating Procedure (SOP) for field turbidity. Sampling is conducted three times per day during dredging operations. In addition to sampling, biologists calibrate sampling equipment daily, complete and maintain data in permanent logbooks.