



Great Lakes  
Dredge & Dock  
Corporation

USACE  
Galveston  
District

Annual  
Dredging  
Meeting

Dredging  
Contractor  
Capital  
Investments

GREAT LAKES DREDGE & DOCK COMPANY, LLC > INFRASTRUCTURE SOLUTIONS

GLDD.COM



# GREAT LAKES DREDGE & DOCK COMPANY

## DREDGING FLEET INVESTMENTS

14,800 CY TSHD – Ellis Island	2018
Cutter Dredges Carolina and Ohio mobilized from Middle East	2019/2020
6,500 CY Trailing Suction Hopper Dredge – Galveston Island	Q1 2023
6,500 CY Trailing Suction Hopper Dredge - TBD Island	Q1 2025
8,000 CY Dump Scows #67, #68, #69	Delivered Q2/Q3 2022
Multicats Cape Hatteras & Cape Canaveral	Q4 2022
Derrick Barges #74, 75, 76, 77	Delivered Q1-Q4 2022
Anchor Barges # 120, 121	Delivered Q4 2021
34” Cutter Suction Dredge	Designed Q1 2023



14,800 CY TSHD – Ellis Island – 14,800 CY - 2018



## Cutter Suction Dredges 'Carolina' & 'Ohio' Return from the Middle East

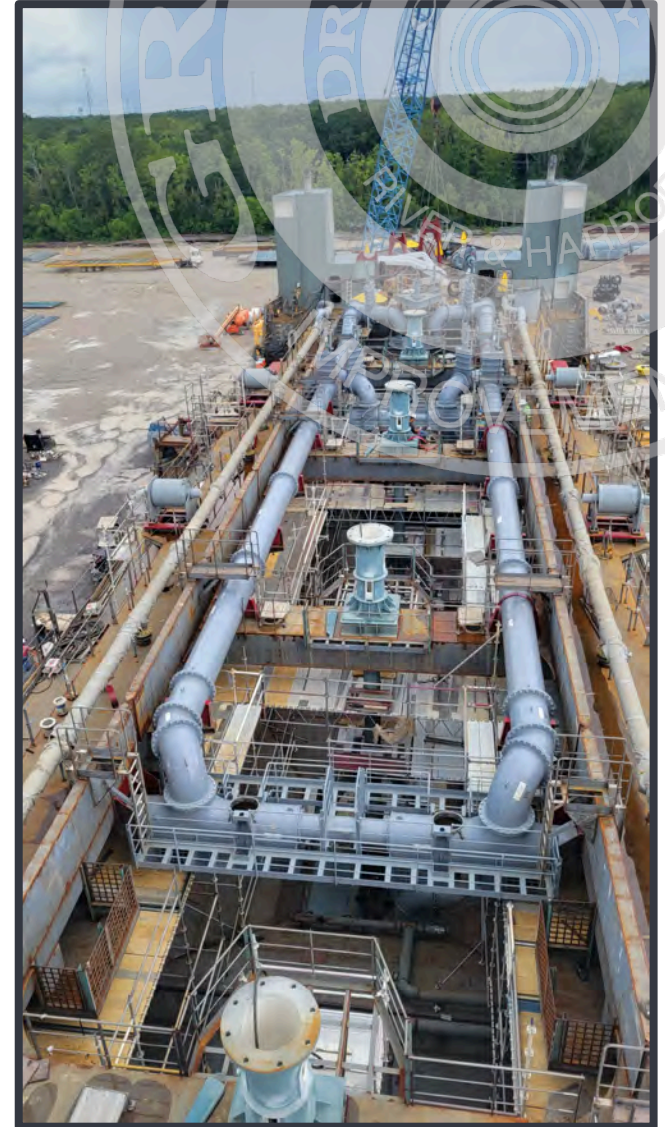
Carolina widening Houston Ship Channel

NOx Emissions reduction systems added to Carolina and Booster Buster

Ohio deepening and widening  
Corpus Christi Ship Channel



# 6,500 CY Galveston Island



**Sister Ship under construction**



# Three 8,000 CY Dump Scows



# Multicats 'Cape Hatteras' & 'Cape Canaveral'

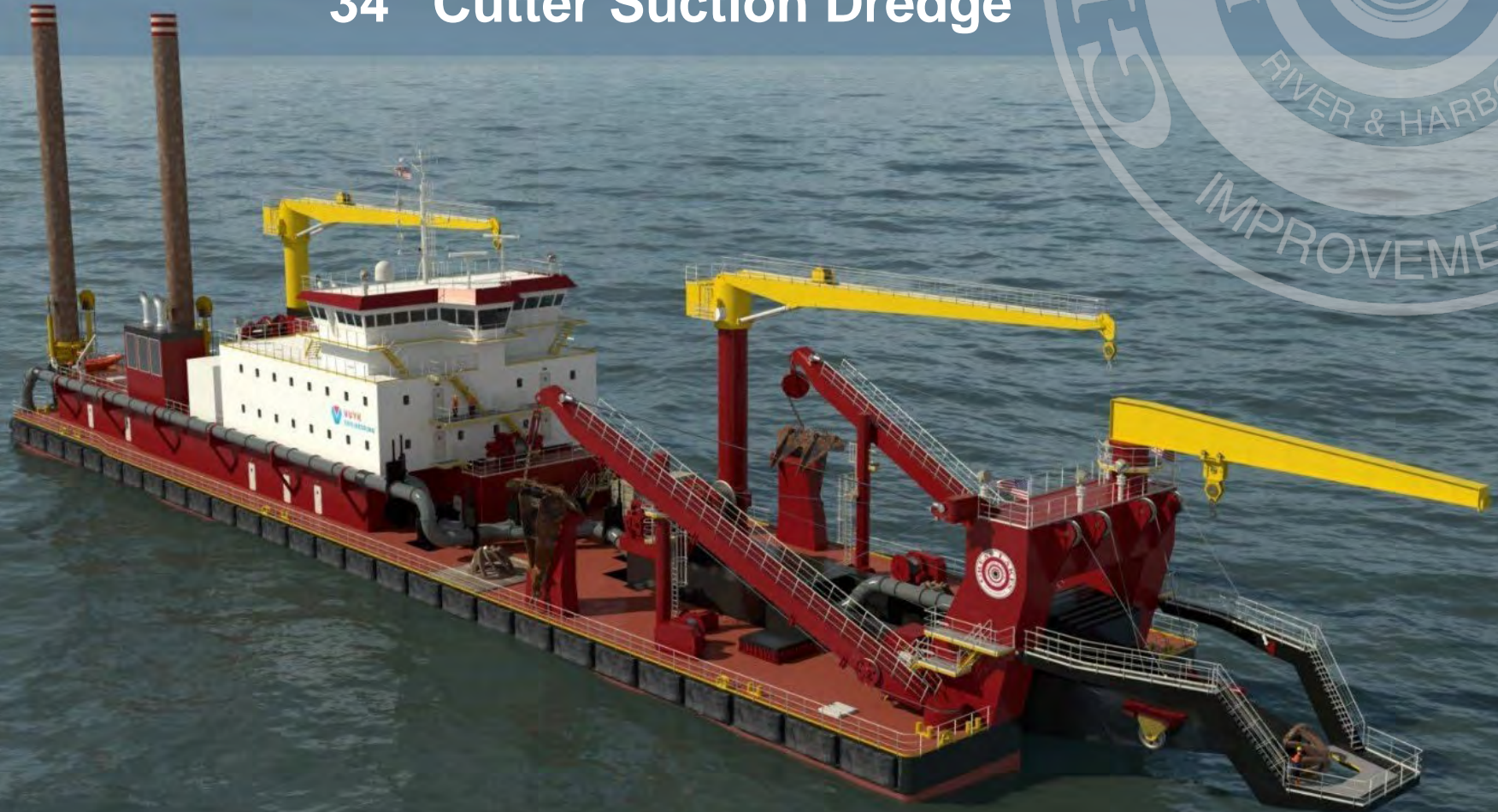


# Four Derrick Barges and Two Anchor Barges





# 34" Cutter Suction Dredge



# MANSON CONSTRUCTION CO.

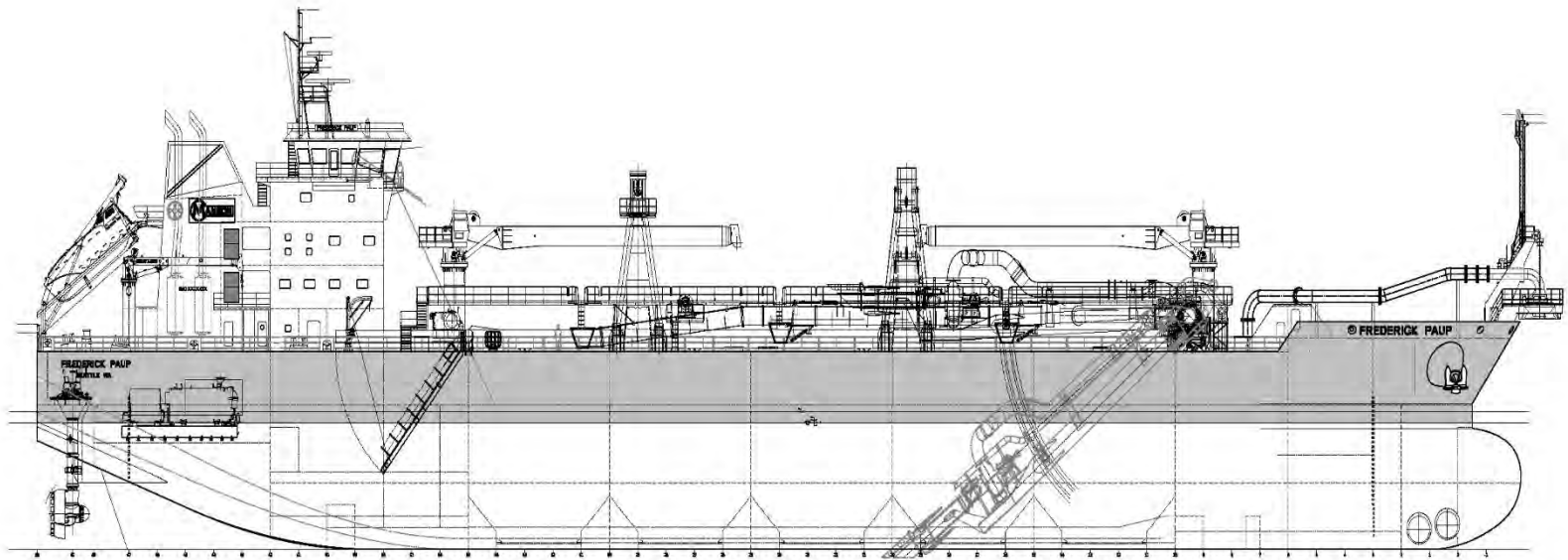
HOPPER DREDGE FREDERICK PAUP



# DREDGE PARTICULARS

- HOPPER CAPACITY - 15,000cy
- LENGTH - 420'
- WIDTH - 81'
- DRAFT - 28.5'
- MAIN ENGINES - WABTEC – TIER IV
- PROPULSION - Z-DRIVES – SCHOTTEL
- BOW THRUSTERS - BRUNVOLL
  
- SHIPYARD - KEPPEL AmFELS – Brownsville, TX
- PROJECTED COMPLETION - SUMMER 2023

# GENERAL ARRANGEMENT



# FREDERICK PAUP



# FREDERICK PAUP



# FREDERICK PAUP



# MANSON CONSTRUCTION CO.

## WHAT'S NEXT ?

- 30" CUTTERHEAD
- STATUS - UNDER DESIGN





# Mike Hooks, LLC

- Founded by Mike Hooks in 1945
- Family-owned and operated
- Headquartered in Westlake, LA
- Operates in all Gulf Coast states
- ±240 employees





# Lorraine Hooks

- Automation and monitoring
- Modern pumps and engines with increased efficiency
- Reduced carbon footprint
- Improved living quarters
- Carriage spud
- Anchor booms

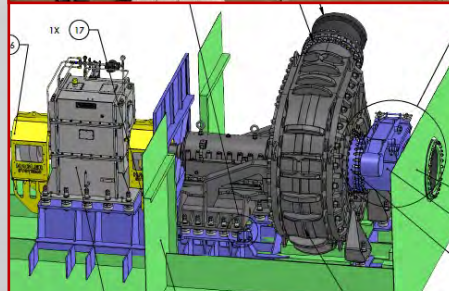


# Recent Capital Improvements

## Increase Safety & Production



- Tender Boats
- Idler Barge
- Crane Barge
- Derrick Barge
- Supply barge
- Floating Pipe
- E. Stroud Drydock
  - Hull, Engine, and Pump



# Callan Marine Capital Investments





## Where it started

- In 2009, the property where Texas International Terminals now occupies, was purchased by the Sullivan brothers. The purchase included a 12" Cutter Suction Dredge, the *Texas Cutter*.
- Callan Marine would later rename the *Texas Cutter* to the *General Eisenhower*, breaking ground as Callan Marine's first "General" in the dredging industry.
- In 2014 the *General Eisenhower* was outfitted with new dredge pumps and re-built engines, brandishing the highest horsepower of a 12" CSD at the time.
- Our goal was to provide first-class dredging services to the local market.

# CSD's General MacArthur, General Bradley, and General Arnold.



16" *General Pershing* at the Texas A&M Galveston Exterior Ship Dock



18" *General Pershing* at the Texas Department of Transportation Bolivar Ferry Landing Maintenance Dredging

# Major Investment 2017: CSD General MacArthur



# CSD General MacArthur



## General MacArthur

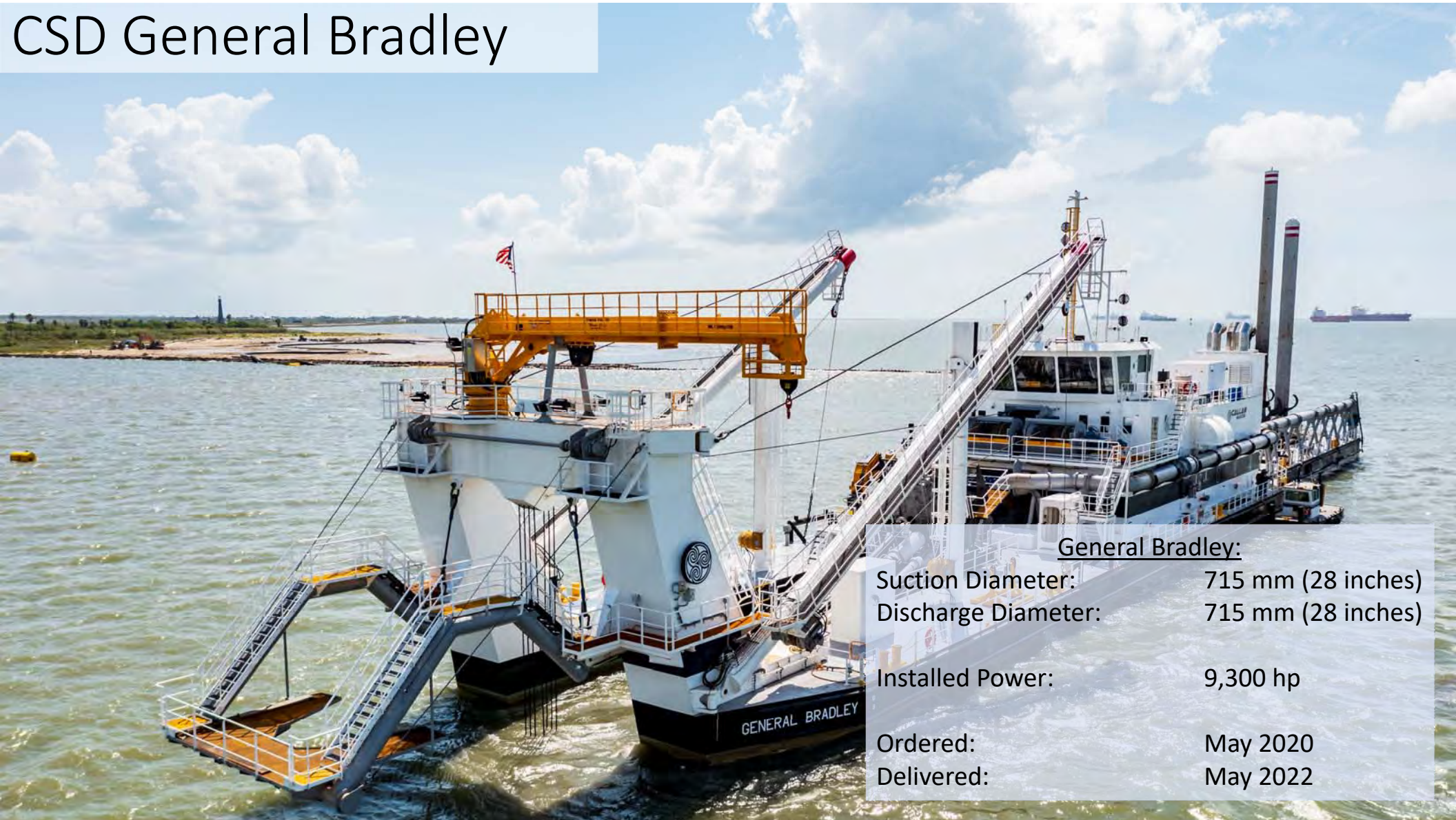
Suction Diameter:	800 mm (≈32 inches)
Discharge Diameter:	800 mm (≈32 inches)
Installed Power:	24,000 hp
Ordered:	December 2017
Delivered:	June 2020



# Major Investment 2020: CSD General Bradley



# CSD General Bradley



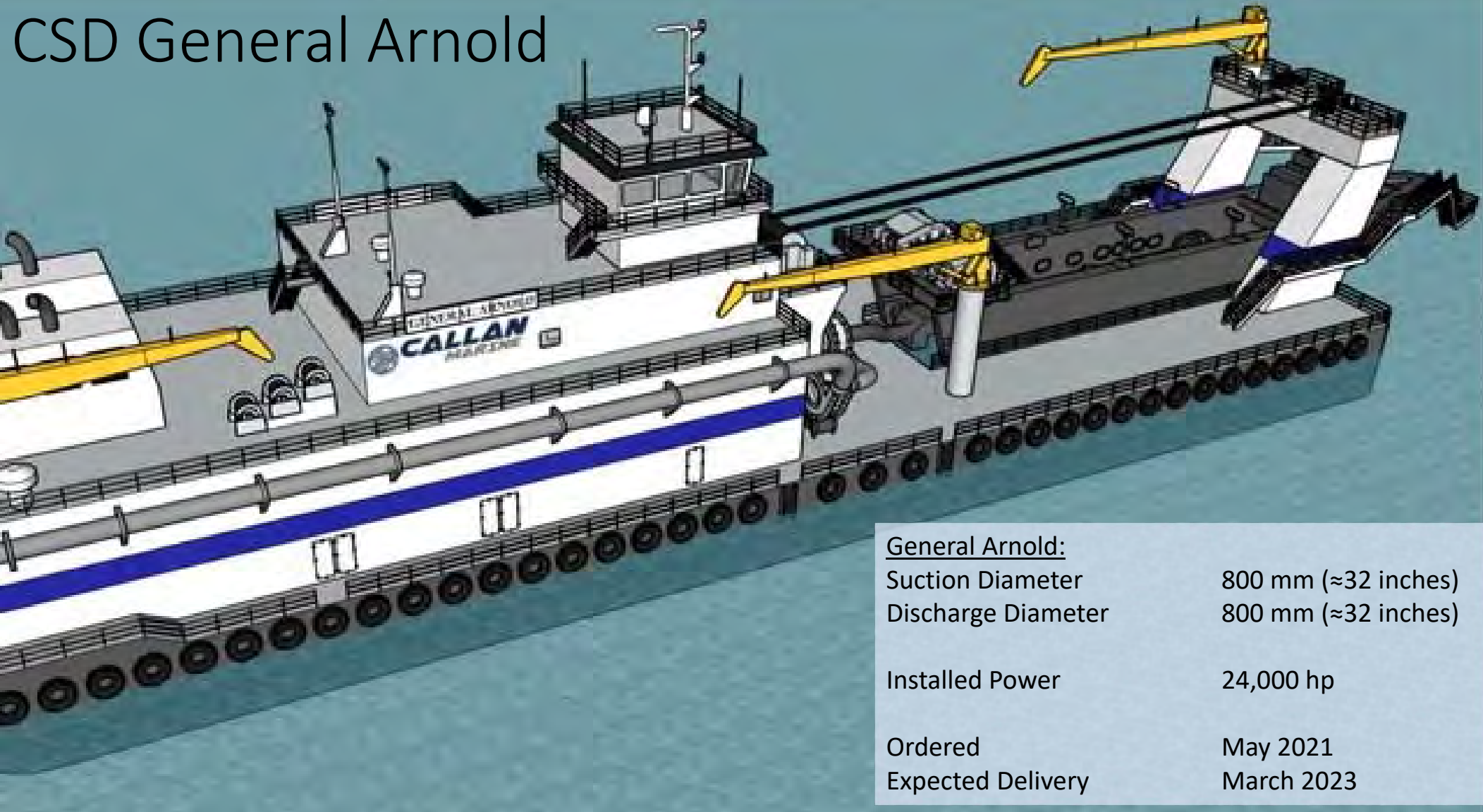
## General Bradley:

Suction Diameter:	715 mm (28 inches)
Discharge Diameter:	715 mm (28 inches)
Installed Power:	9,300 hp
Ordered:	May 2020
Delivered:	May 2022

# Major Investment 2021: CSD General Arnold



# CSD General Arnold



<u>General Arnold:</u>	
Suction Diameter	800 mm (≈32 inches)
Discharge Diameter	800 mm (≈32 inches)
Installed Power	24,000 hp
Ordered	May 2021
Expected Delivery	March 2023



# USACE Galveston: Dredging Contractor Capital Investments

Presented November 1st, 2022 by Curtin Maritime, Corp.

# About Us

## Our Primary Services Include:

### Marine Construction

- Maintenance Dredging
- Waterline Installation
- Environmental Mitigation Plans
- Marine Facilities

### Marine Transportation

- Ocean Towing
- Regional Towing
- Construction Support
- Project Cargo Transportation
- Marine Salvage, Wreck Removal

### Shipyard

- Fabrication
- Vessel Design
- Vessel Construction
- Vessel Modification

## Our Certifications Include:

- ABS ISM Certified
- Member of AWO RCP



# DB Avalon

## North America's First Hybrid Dredge

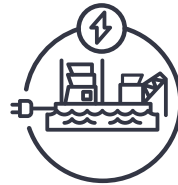
Largest Clamshell Dredge in North America • Lowest Carbon Footprint



Highest capacity, with the lowest carbon footprint vessel of its class.



Hybrid



Capable of an all-electric operation, with shore-power connection making it a true zero-emissions dredge.

