



U.S. Navy Supervisor of Salvage and Diving NAVSEA 00C

2017

- EX-SHADWELL - Scrap in Place
- PRINZ EUGEN Wreck Oil Removal
- CSS GEORGIA Artifact Recovery
- Ex-INDEPENDENCE Tow
- EX-ENTERPRISE Heavy Lift Planning
- T-ATS(X) Procurement Update

Mark Helmkamp
Supervisor of Salvage and Diving; Director
Salvage Operations and Ocean Engineering

Phone: (202) 781-2736

EX-USS SHADWELL



- Naval Research Laboratory test platform
- Little Sand Island, Mobile, AL
- 3 scrapping options: scrap in place, transfer to local facility, transfer to dedicated breaking yard.

Decision:

- On-Site Wreck Removal recommended and selected
 - Significant risks associated with moving vessel, even locally
- Scheduled this summer



SHADWELL pushed ashore in the aftermath of Hurricane Katrina

Oil Removal EX-USS PRINZ EUGEN Heavy Cruiser - Kwajalein Atoll (2017)



Tank sampling – Dec 16

- Kriegsmarine WWII cruiser, surrendered to British and transferred to US Navy as prize. Survived Bikini Atoll tests. Sunk in storm in 1946.
- SUPSALV and MDSU 1 team surveyed vessel Dec 2016 and returned to site May 2017 to validate offload plans and test acoustic survey tool.
- Offload 2017/2018 (summer) pending funding.



CSS GEORGIA Artifact Recovery (final phase)



Section of casement emerging from Savannah River



Summer 2016 dive and work barges



Propeller and shaft lift

- Historic Civil War era wreck site of CSS GEORGIA is being moved to allow for improvements to the federally maintained navigation channel under the Savannah Harbor Expansion Project
- in support of USACE, individual artifacts (munitions, artillery, propulsion machinery and hull components) were removed Summer 2016 by Navy (SUPSALV, EOD, MDSU), ESSM, and ContractorTeam.
- Largest casemate sections remain (up to 70 Tons) – returning this summer to remove the final large sections.

Ex-INDEPENDENCE Tow



INDEPENDENCE under tow
leaving Bremerton

- **Tow of Ex-INDEPENDENCE** from Bremerton, WA, to Brownsville, TX, for scrapping (15,800nm).
- **Ship completed Pacific passage, passed thru Straits of Magellan 28 April, and is currently transiting north up coast of South America.**

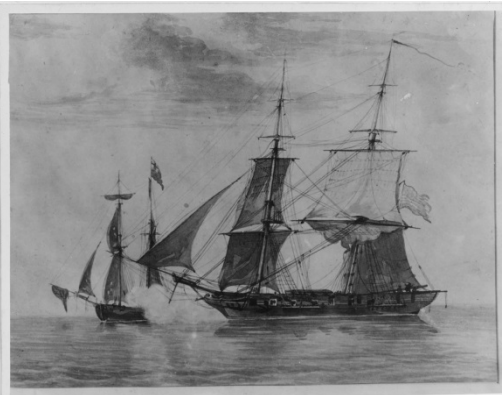


INDEPENDENCE
moored in Valparaiso,
Chile while M/V
DINO CHOUEST was
being refueled

EX-ENTERPRISE HL Planning



- **CVN 65 DD WALKTHROUGH:** In preparation for potential Heavy Lift of EX-ENTERPRISE, SUPSALV participating in Dry Dock walk through to verify blocking and discuss potential issues for docking in heavy lift vessel.
- **8th USS ENTERPRISE**, 51 years of service (1961-2012), 25 deployments.
- **First nuclear-powered aircraft carrier** (8 reactors, 4 shafts).



1813: Coast of Maine
ENTERPRISE III engages
HMS BOXER. Both COs
are killed.



1964: Mediterranean Sea

Towing, Salvage, and Rescue Ship T-ATS(X) Procurement Update



T-ATF-166 Class



- Phased inactivation of existing T-ARS 50 Class and T-ATF 166 Class vessels occurring FY17 thru FY26.
- Up to 8 replacement vessels programmed.
- Primary capabilities:
 - Deck Space: 5000 ft²
 - Station Keeping DP-2
 - Bollard Pull: 130 Tons
- Detail Design and Construction RFPs for the T-ATS(X) towing, salvage, and rescue vessel released to industry 31 March 2017.
- Proposals due 31 May 2017

T-ARS-50 Class

