

Mackay Marine Outfits Crowley's New LNG-Fueled ConRo Vessels with Comprehensive Communications & Navigation Systems

August 22, 2018 – Mackay Communications (dba Mackay Marine) is proud to announce its collaborative involvement with owner Crowley Maritime Corporation and VT Halter Marine, the shipbuilder, in the design, supply, and installation of advanced integrated bridge systems (IBS), complete with consoles, and ancillary electronic systems onboard *El Coquí* and sister-ship *Taíno*. *El Coquí* which entered service in late July 2018, represents one of the world's first LNG-fueled (liquefied natural gas) ConRo vessels (combined container & roll-on roll-off transit system).

Mackay Marine's Project Integration team, in concert with Crowley and VT Halter Marine's naval architects and engineers, developed an efficient state-of-the-art bridge suite, specifying the comprehensive communication and navigation electronic equipment package necessary to integrate into 13 system consoles.

From the onset, console units were purposefully designed by Mackay, utilizing CAD systems (Computer Aided Design), to meet Crowley's specifications and DNV's NAUT-OC standards. The integrated system was fully outfitted and pre-wired by Mackay's Project Department from Houston, Texas.

Additional electronics provided by Mackay Marine, include the Public Announcement, CCTV for security and asset tracking, IP Telephone (IPTV) Systems, Sound Powered Phones, LAN (local-area-network), and a UHF Radio System.

The *El Coquí* is the first LNG ConRo vessel commissioned under Crowley's Commitment Class ships. The sister ship, *Taíno*, was launched also at VT Halter's Pascagoula, Mississippi, shipyard, in December 2017, and is currently undergoing final construction and testing in preparation for entering into service later in 2018.

This new generation of combination-cargo transport vessels accommodates 2,400 twenty-foot-equivalent container units (TEUs) plus a varied portfolio of 400 cars and large vehicles loaded in dedicated weather-tight Ro/Ro decks unique to the U.S. mainland-Puerto Rico trade.

Combining greater transport capacity with fuel efficiency and streamlined integrated bridge electronics will enhance productive and safe transit, saving owners and customers time and money.

Mackay Marine looks forward to contributing to future collective projects providing instrumental project management, electronics systems expertise and console integration.





Mackay Communications, Inc.
3691 Trust Drive
Raleigh, NC 27616-2955
Phone +1 919 850 3000
info@mackaycomm.com

About Mackay | Mackay Communications, Inc. (dba Mackay Marine) sells, installs, and services communication and navigation equipment on board vessels of all class and size. Mackay, in business for over 130 years, has 3,000+ customers spread over every continent, annually conducts 17,000+ service calls, employs 300 professionals, with locations in more than 38 major ports. *Mackay World Service* coordinates service, installation and inspections 24/7 for all ports, worldwide. For more information visit: <https://www.mackaymarine.com>.

About Crowley Maritime | Jacksonville-based Crowley Holdings Inc., a holding company of the 126-year-old Crowley Maritime Corporation, is a privately held family and employee-owned company that provides marine solutions, energy and logistics services in domestic and international markets. Crowley operates under four business units: Crowley LOGISTICS, a singular ocean liner and logistics supply chain division; Crowley SHIPPING, which encompasses ownership, operations and management of vessels, including tankers, container ships, tugboats and barges; Crowley FUELS, a fuel transportation, distribution and sales division that also provides liquefied natural gas (LNG) and related services; and Crowley SOLUTIONS, which focuses on government services, including vessel management for government agencies, as well as engineering, project management, naval architecture through its subsidiary Jensen Maritime, and marine salvage and emergency response through its 50 percent ownership in Ardent Global. Additional information about Crowley, its subsidiaries and business units may be found at www.crowley.com

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Media Contacts:

Mackay Marine: Sue Ellen Rosen, Marketing Manager, +1 919.850.3014, srosen@mackaycomm.com

Crowley Maritime Corporation:

Mark Miller, Vice President, Corporate and Marketing Communications, +1 904.727.4295 mark.miller@crowley.com

David DeCamp, Corporate Communications Manager, +1 904.727.4263, david.decamp@crowley.com