PONTOON ROADWAYS

jered
A PAR SYSTEMS COMPANY

Jered Provides Large Program Management and Engineering Excellence

Jered designed and manufactured an Elevated Causeway System/Modular (ELCAS/M) for the U.S. Naval Facilities Command. Jered was selected for this project by demonstrating its capability to manage a large complex program in addition to the engineering and manufacturing disciplines required.

The ELCAS/M is designed to support large cargo off-loads in areas where no pier facilities exist or where facilities or scheduling of movement need to be enhanced with additional resources. The pier extends into the surf zone, providing a crossing point between lighter-age, cargo vessels and the beach.

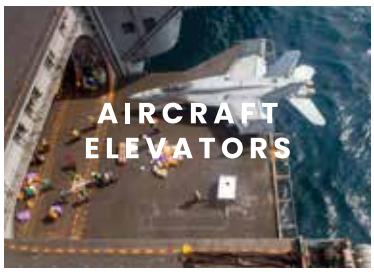
PONTOON ROADWAYS

ELCAS/M DESIGN

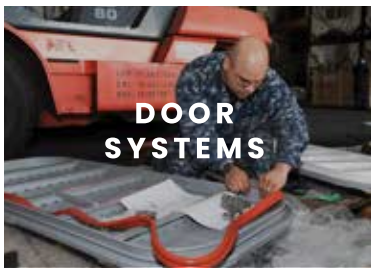
The system is made from connected steel pontoons, elevated on piles extending seaward across the surf zone up to 3000 feet from the beach. Actual installation length is determined by the requirement to reach a maximum water depth at the pierhead of 20 feet.The system is made up of the ELCAS/M facility, the marshalling yard system and the barge ferry system. The ELCAS/M facility is an elevated modular pontoon structure (or pier) that begins with a beach ramp, transitions to a variable length roadway, and extends to the seaward point of the pierhead. It includes the pier, lighting, safety, navigation and cargo handling systems.

The beach ramp portion provides a transition from the elevated roadway to the beach. The variable-length roadway can support two-way truck traffic and the roadway length from the beach ramp to the pierhead can be varied up to a total of 67 pontoon sections to accommodate varying beach gradients to satisfy the water depth requirement.

PRODUCT SUPPORT

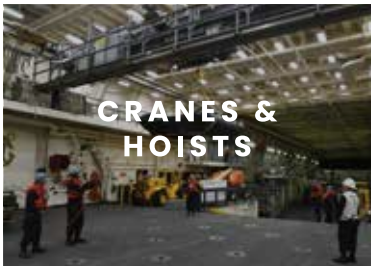


CARGO & WEAPONS ELEVATORS



ACCOMMODATION LADDERS & EMBARKATION PLATFORMS

COMFIRE® FIRE RATED DOORS & LOCKERS



PERSONNEL ELEVATORS

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