



JAXPORT

LNG – TODAY IN JACKSONVILLE

AAPA ENERGY AND ENVIRONMENT SUMMIT
Adopting LNG and Sustainable Fuels in Marine Applications

SEPTEMBER 12, 2018

WHAT IS LNG?

- LNG is Liquefied Natural Gas, the same natural gas safely used in homes and businesses for more than 100 years, but stored as a liquid.
- Natural gas becomes LNG when cooled to -260°F. At this point, the natural gas condenses into clear, non-flammable, non-corrosive liquid occupying 1/600th of the space of natural gas at atmospheric pressure.
- LNG when warmed above -260°F at atmospheric pressure returns to a gas.
- LNG is stored at a very low pressure (~0 – 200 psi).

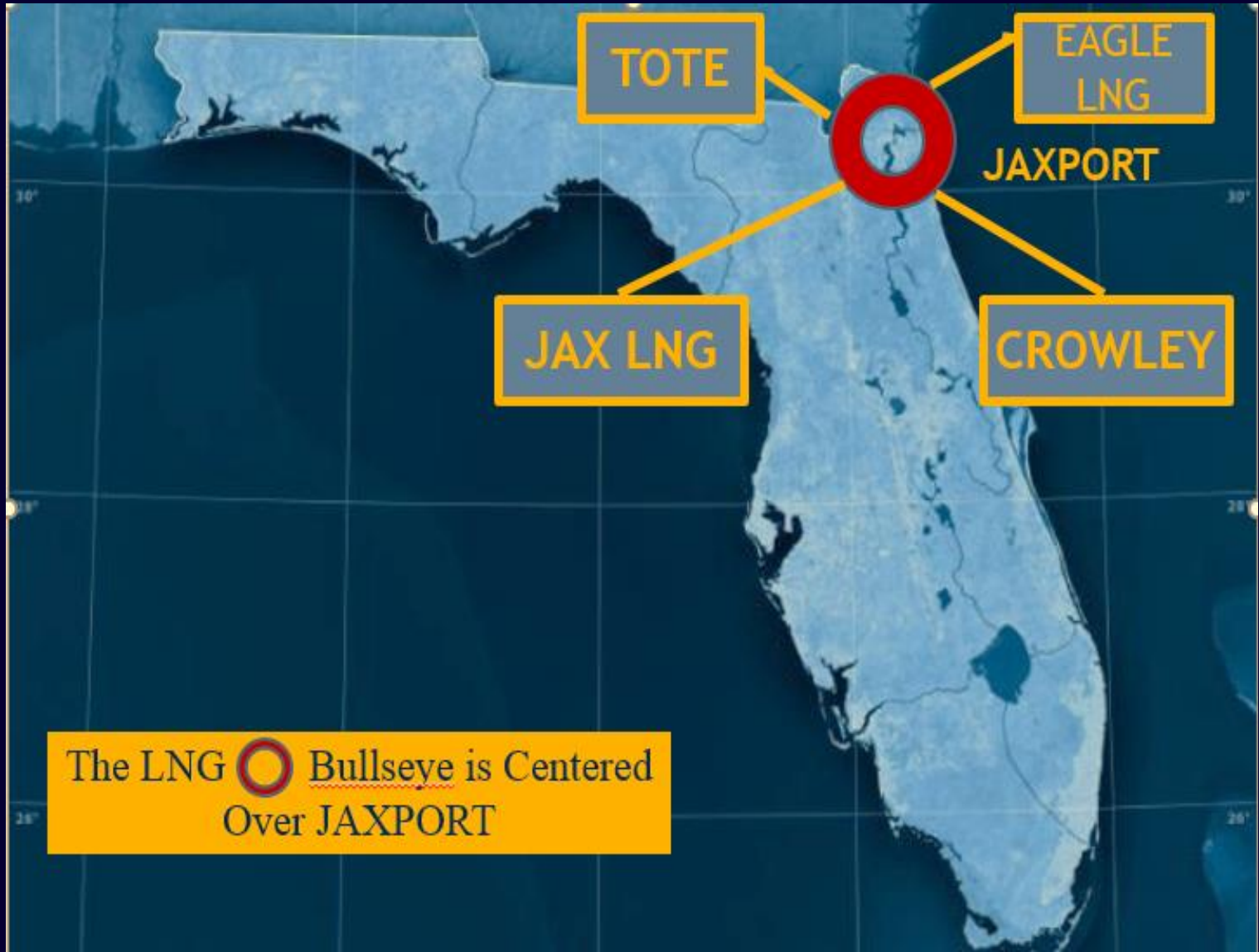
LNG FACTS

- LNG is not explosive or flammable
- LNG will not mix with water (it floats)
- There is no residue after a LNG spill on water or soil
- LNG is not corrosive
- If LNG is spilled, it quickly vaporizes and rises into the air
- LNG is odorless, colorless and non-toxic

NORTH AMERICAN EMISSION CONTROL AREA (ECA)



LNG IN NORTHEAST FLORIDA



TRUCK TO SHIP BUNKERING



EAGLE LNG FACILITY TALLEYRAND MARINE TERMINAL



WARNING
LNG TRANSFER
IN PROGRESS

NO OPEN LIGHTS

WARNING

**DANGEROUS
CARGO**

NO VISITORS

**DANGER
CRYOGENIC**

LNG SHIPPING – CROWLEY MARITIME

Crowley for Coke in the Caribbean

March 12, 2014 in *LNG, Marine* by Rich Piellisch

Two Bottling Plants to Get LNG from Florida

Crowley's Carib Energy unit has disclosed a multi-year contract to supply containerized, U.S.-sourced liquefied natural gas to its first industrial customer, Coca-Cola in Puerto Rico. Crowley Carib will ship LNG from Jacksonville to Puerto Rico using 10,000 gallon intermodal ISO containers.

Innovative Energy Solutions

CROWLEY®

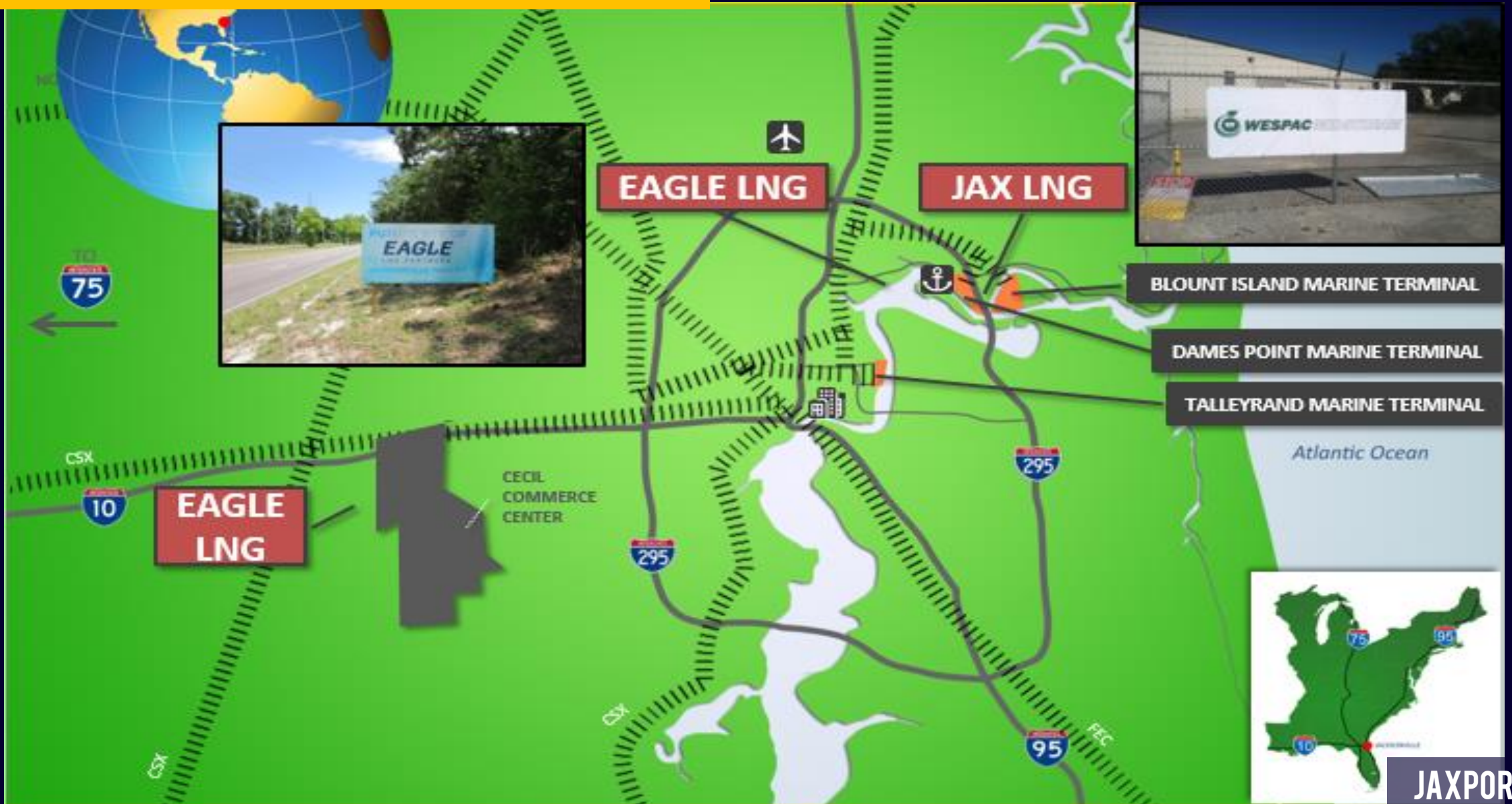
crowley.com/LNG

METHANE
REFRIGERATED LIQUID

METHANE
REFRIGERATED LIQUID

WesMor
Companies

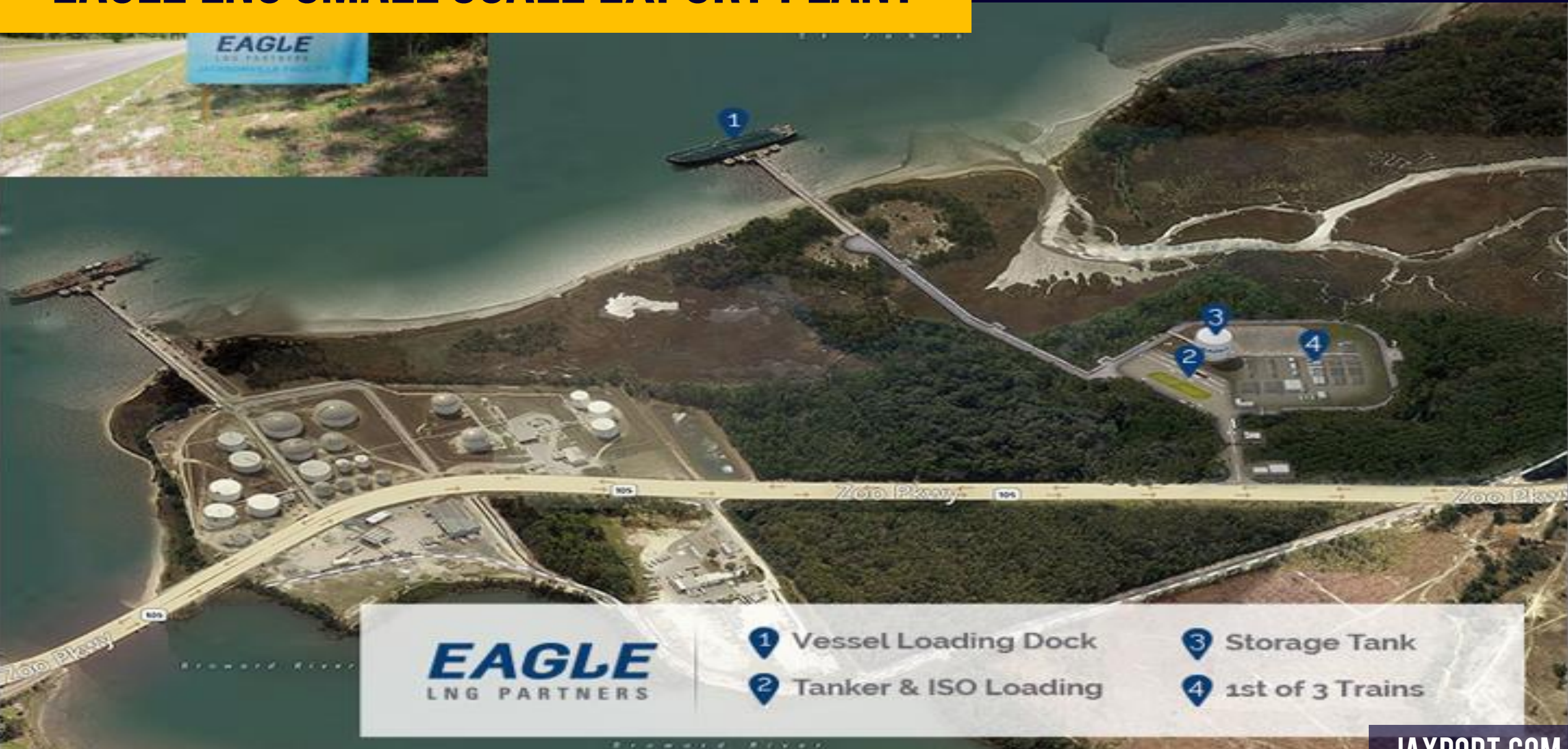
JAXPORT AND LNG TERMINALS



EAGLE MAXVILLE PLANT



EAGLE LNG SMALL SCALE EXPORT PLANT



EAGLE
LNG PARTNERS

- 1 Vessel Loading Dock
- 2 Tanker & ISO Loading

- 3 Storage Tank
- 4 1st of 3 Trains

JAX LNG BUNKERING BERTH



JAX LNG

JAXPORT.COM



THANK YOU

DAVID STUBBS

Director, Properties & Environmental Compliance
(904) 357-3082 • David.Stubbs@JAXPORT.com