

# PORT *MODERNIZATION* at a GLANCE



**“Bridging Our Ports and Terminals Throughout The Pacific”**

**Association of Terminal Operators, Stevedoring, & Shipping**

**Companies of Micronesia (ATOSSCOM)**

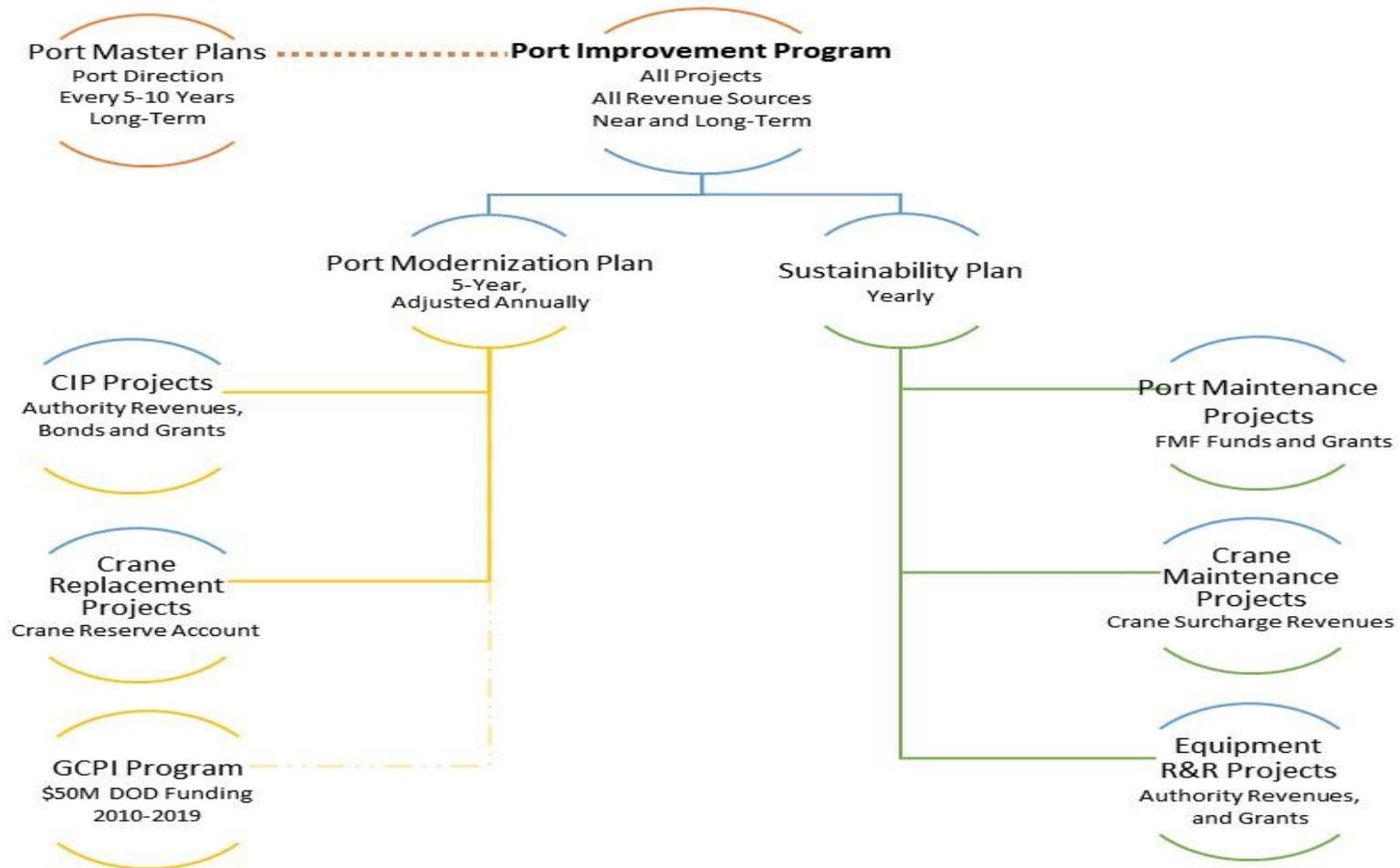
46<sup>th</sup> Annual Conference

Hotel Nikko Guam

July 31 – August 2, 2019



# 2013 Port Master Plan Update



# Federal Funding Resources

- US Department of Defense
- US Office of Economic Adjustment
- US Department of Homeland Security/FEMA
- US Department of Transportation
- US Department of Interior
- US Department of Agriculture
- US Fish and Wildlife Services
- US Office of Public Safety



# Port Modernization Program

- **Review - Port Improvement Program (2007 – 2018)**
  - DoD/MARAD Guam Commercial Port Improvement (GCPI) Program
  - US DHS/FEMA Port Security Grant Program
  - DOI OIA/FWS/FWA/PAG Funded Program
  - USDA/PAG Equipment Acquisition Program
  - FY2018 Port Revenue Bonds CIP Program
- **Update - Ongoing Port Modernization Projects (2018 - 2020)**
  - Hotel Wharf Upgrade & Access Road Repair
  - Golf Pier
  - Waterline, Warehouse 1, & EQMR Building Repair
  - Terminal Booth & CMU Wall Repainting & Barb Wire Replacement
  - Container Yard Striping
  - Agat Marina Dock B Demolition & Repair
  - Harbor of Refuge Repair
  - Gantry Cranes 2 & 3 Demolition
  - Tariff Simplification Project
  - Environmental, Health, & Safety Program Development

# Port Modernization Program

- **The Way Forward – New Modernization Initiatives (2019 – 2022)**
  - Update of the 2013 PAG Master Plan
  - JDE World Migration to JDE EnterpriseOne Financial Management system
  - New Crane Acquisition Program
  - Port Wharves Assessment & Upgrade
  - New Admin. Annex Bldg. Construction and Old Admin. Bldg. Renovation (Bond funded project)
  - F1 & Golf Pier Fuel Connectivity Pipeline
  - Deep Draft Wharf Improvement Project Feasibility Study
  - Customs Inspection Feasibility Study

# Port Improvement Program (PIP)

- **DoD/MARAD Guam Commercial Port Improvement (GCPI) Program**  
**\$50 Million**
- **DHS/FEMA Port Security Grant Program \$12.3 Million**
- **DOI OIA/FWS/FWA/PAG Funded Program**  
**\$19.1 Million**
- **USDA/PAG Equipment Acquisition Program**  
**\$16.9 Million**
- **FY2018 Port Revenue Bonds CIP Program**  
**\$71.45 Million**

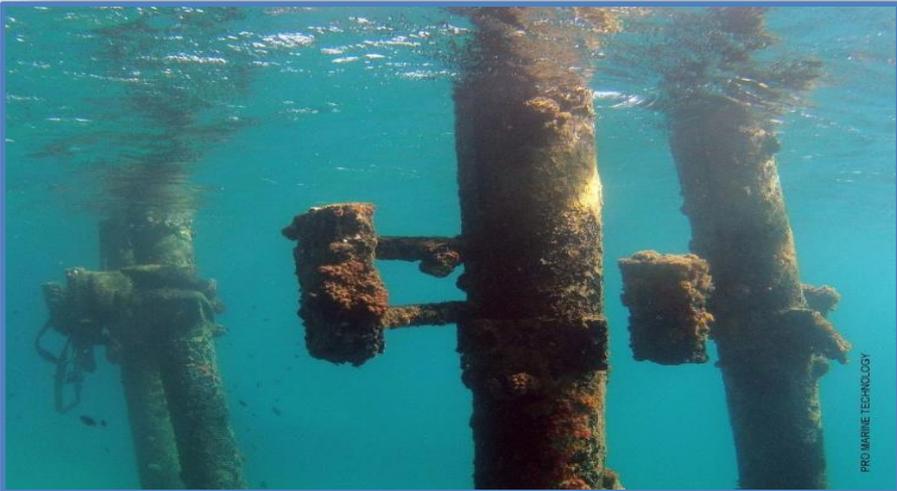
# Port Modernization Program

## Ongoing Projects

# Hotel Wharf Upgrade & Access Road Repair

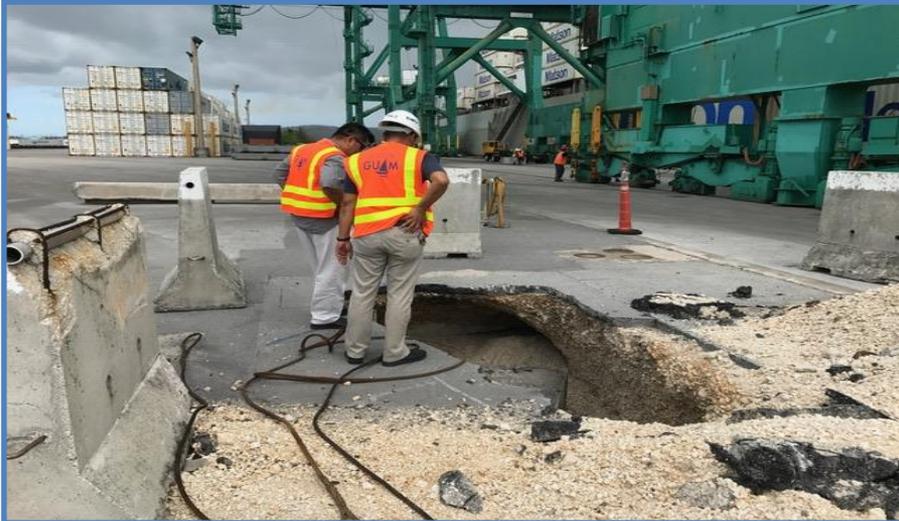
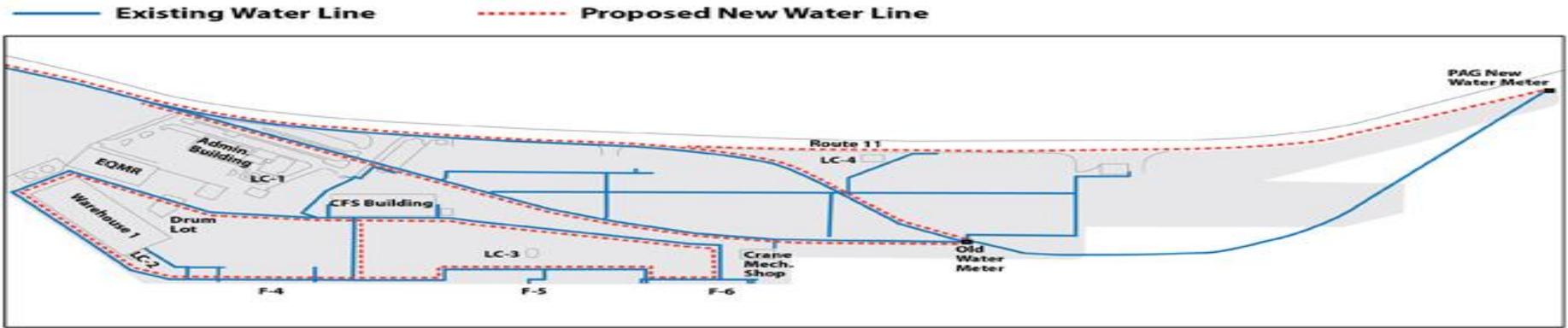


# Golf Pier Repair



# Waterline Repair Project

## Port Diagram



# Warehouse 1 Building Repair



# EQMR Building Repair



# Terminal Booth & CMU Wall Repainting and Barb Wire Replacement



# Container Yard Striping



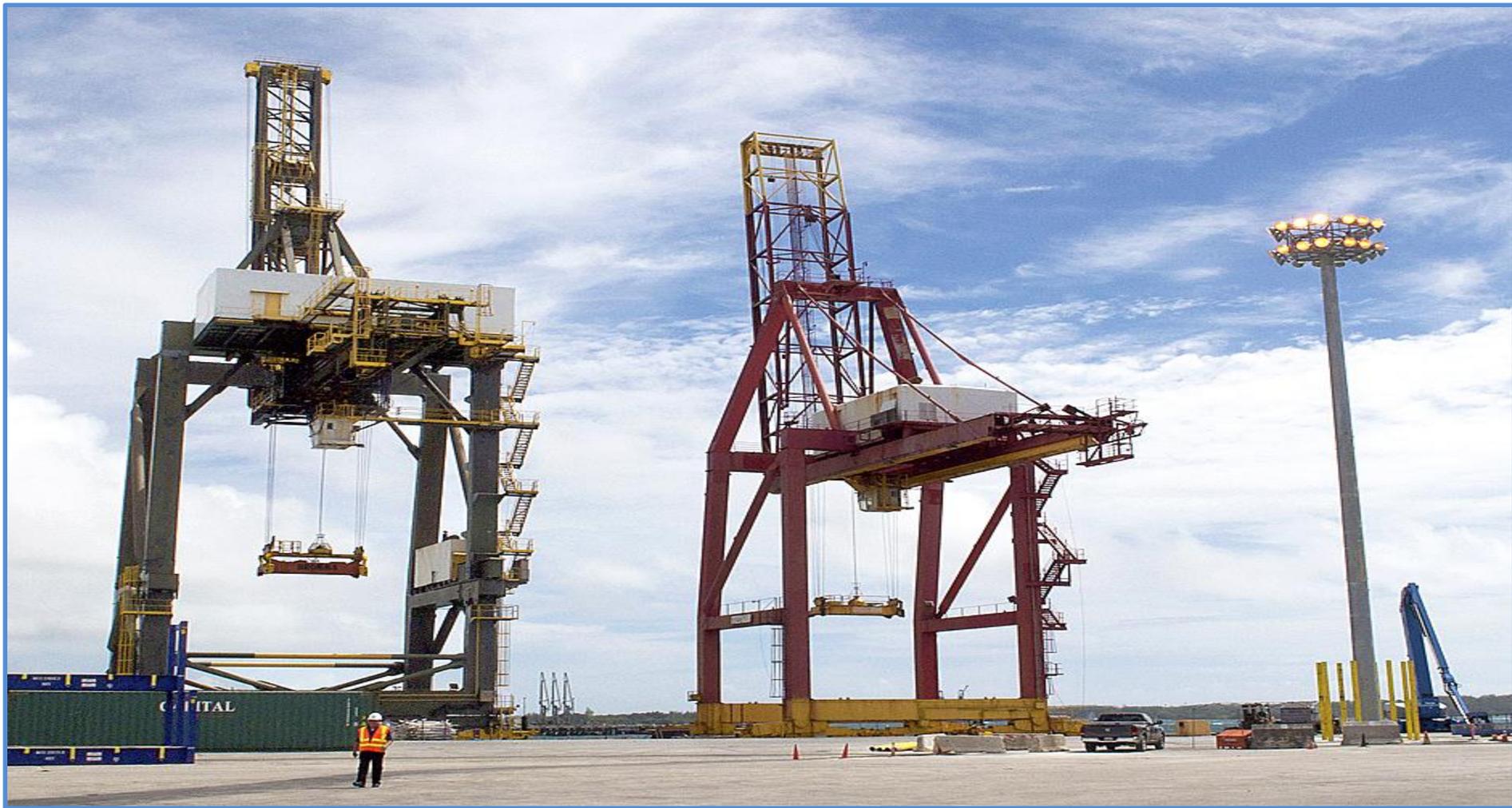
# Agat Marina Dock B Demolition & Repair



# Harbor of Refuge Repair



# Gantry Cranes 2 & 3 Demolition



# Tariff Simplification Project

## Objective – Simplify the Port’s current tariff structure

- Facilitate the use of a more efficient data processing and billing procedure to eliminate less efficient manual invoicing practices
- Integrate the NAVIS Terminal Operating System (TOS) with the Oracle JDE EnterpriseOne Financial Management System
- Develop alternative tariff structure that can integrate with the NAVIS TOS, and analyze the financial and processing impacts
- Identify tariff items that can be eliminated or combined with other tariff line items
- Prepare necessary PAG documentation to support PUC adoption of any recommended tariff changes

# Environmental, Health, and Safety Program Development

## Objective – Develop a comprehensive EHS Program

- Ensure that the PAG is in compliance with all applicable EHS laws and regulations under Title 22 of Guam Administrative Rules and Regulations, Title 40 CFR, Title 20 CFR Sections 1910, 1917, 1918, & 1926 and US Coast Guard regulations for the protection of PAG employees and the environment
- Develop a comprehensive PAG EHS Plan and Manual
- Develop a required EHS documentation, filing and reporting system
- Perform a comprehensive assessment of all PAG areas of responsibility to ensure that site conditions, operations and work practices & procedures are in compliance with federal and local regulations

# The Way Forward

## **Planned Modernization Initiatives**

# Update of the 2013 Master Plan

## **Objective – Accurately and effectively articulate the Port’s continued near & long term vision to modernization**

- Conduct a comprehensive review, assessment, and update of the 2013 Master Plan to further enhance the PAG’s core capabilities in achieving port resiliency
- Expand the Scope of the Plan to include an updated implementation strategy based on the Port’s financial, operational, and sustainability needs
- Validate and incorporate decisions and outcomes of various initiatives and policy changes that have occurred over the past 5 years
- Review, assess, and provide solutions to further enhance the Operations, Maintenance, IT, and Port Police Divisions
- Prepare necessary PAG documentation to support PUC adoption of any recommended tariff changes

# JDE World Migration to JDE EnterpriseOne Financial Mgmt. System

**Objective – Upgrade the Port’s 20 year old Oracle JDE World financial mgmt. system to a more robust and technologically updated Oracle JDE EnterpriseOne System**

## JD Edwards EnterpriseOne

Asset Lifecycle  
Management

Customer Relationship  
Management

Human Capital  
Management

Project Management

Financial Management

Supply Chain  
Management

JD Edwards EnterpriseOne Tools and Technology

# New Crane Acquisition Program

**Objective – Develop grant application to be submitted to MARAD for the acquisition of two (2) new Ship-to-Shore Gantry Cranes**



# Port Wharves Assessment & Upgrade

**Objective – Assess and develop Scope of Work to repair & upgrade all revenue generating Port wharves to sustain operations & ensure uninterrupted of services**



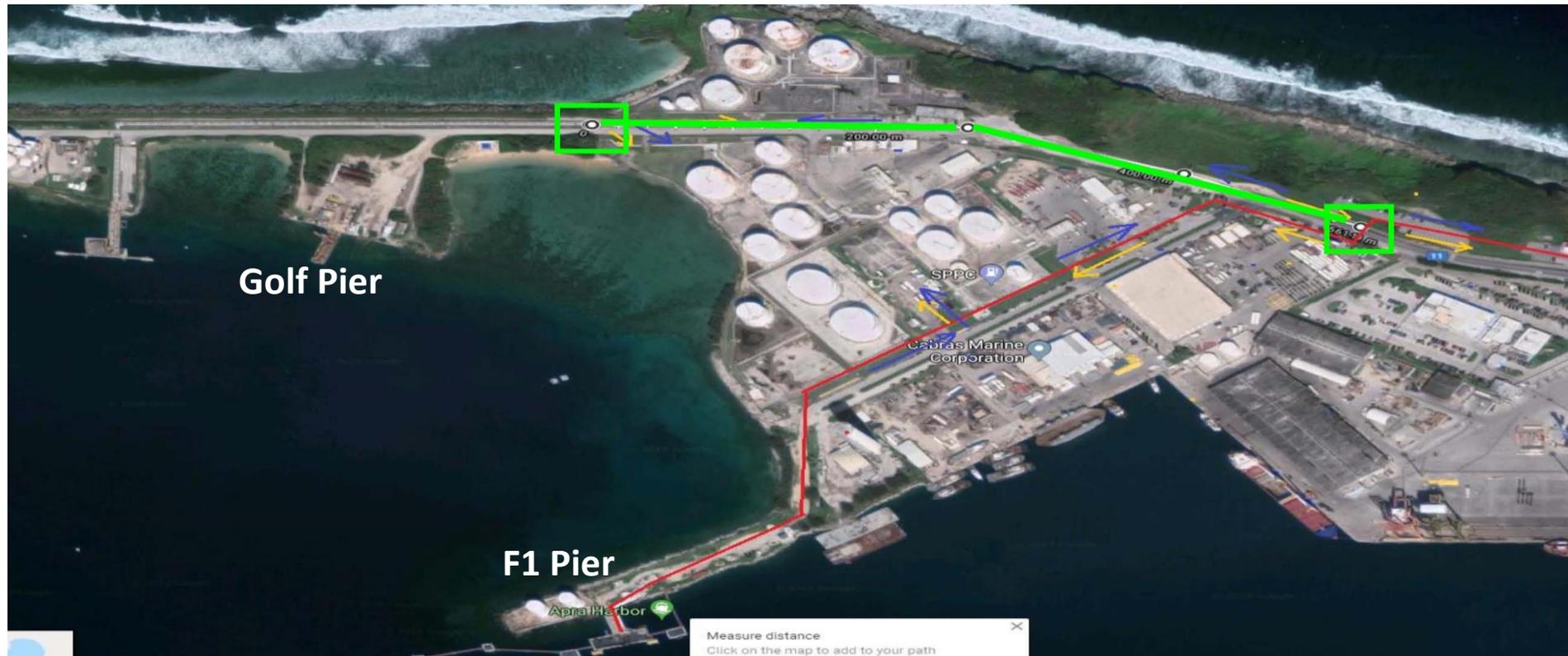
# New Administration Annex Building

**Objective – Construction of new Admin. Annex building and renovation of adjacent old Admin. building**



# F1 & Golf Pier Fuel Connectivity Pipeline

**Objective – Installation of pipeline between two critical Port piers to ensure fuel distribution remains uninterrupted into the island in the event of a major incident impacting either pier.**



# Deep Draft Wharf Improvement Project Feasibility Study

**Objective – conduct a feasibility study on: 1) the construction of a new 1,500 linear foot deep-draft wharf, and 2) fill approximately 17 acres of reclaimed land in three 3 shallow embayments within Apra Harbor.**



# Customs Inspection Feasibility Study

**Objective – Conduct a feasibility study to determine the factors that will make the intent of building a customs inspection facility a prudent and wise decision to enhance the CQA’s core capabilities**



# Port Authority of Guam

## Questions & Answers

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