

# PRESENTATION

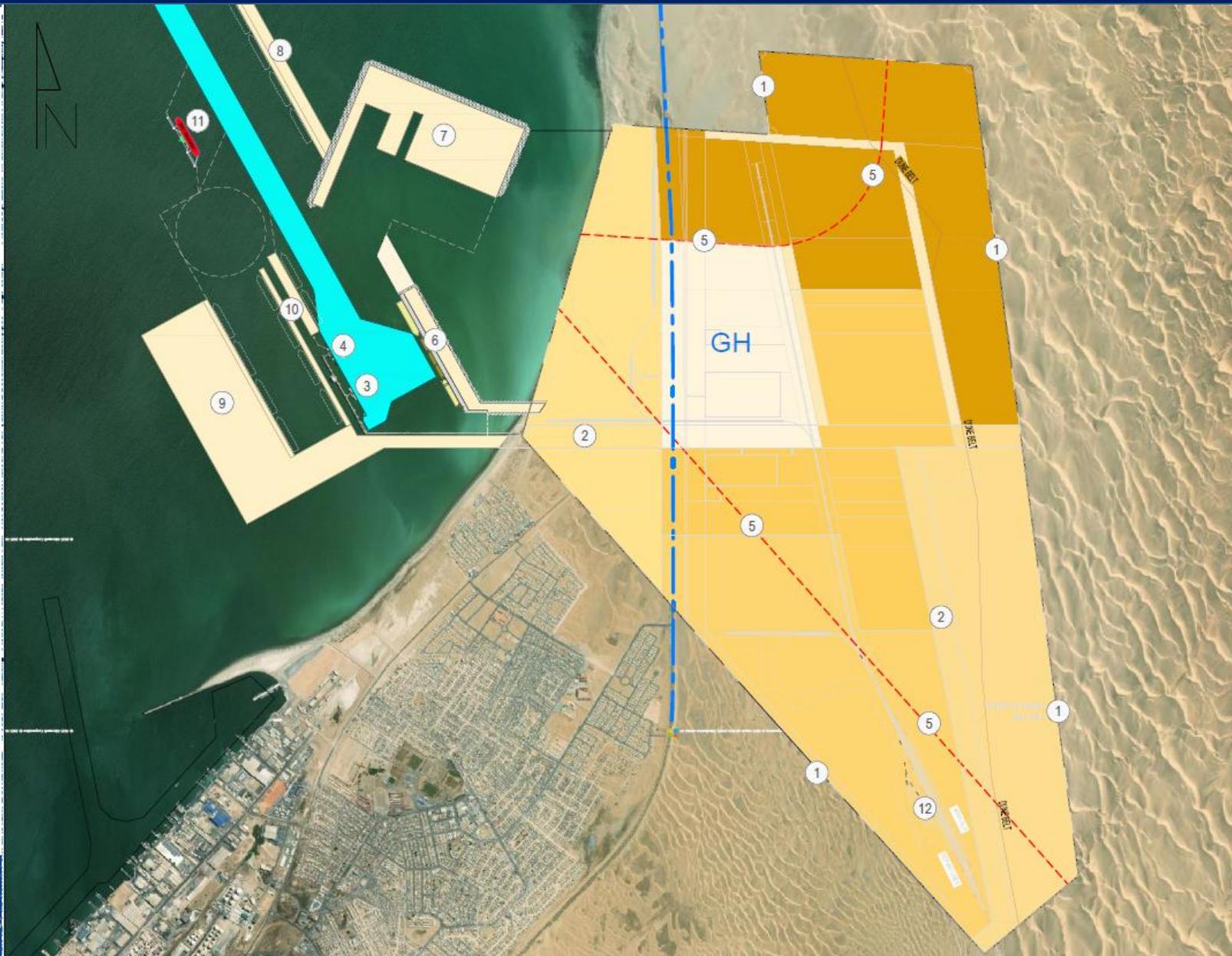
14 Aug 2026

By EW Gelderbloem,  
Port Engineer

# LNG

- 1. The Port of Walvis Bay can accept LNG imports, but does require a new purpose built jetty for this purpose, at the North Port.**
- 2. LNG jetty is on the master plan for the last 10 years for this purpose. Incorporates and FSRU.**
- 3. Mostly for gas to power.**
- 4. Lüderitz can accommodate LNG processing behind Angra Point, or E-bay.**
- 5. LNG exports planned from Lüderitz Angra Point.**

# LNG – Walvis Bay North Port Master Plan



# OIL AND GAS IN GENERAL - PROBLEM/ OPPURTUNITY STATEMENT

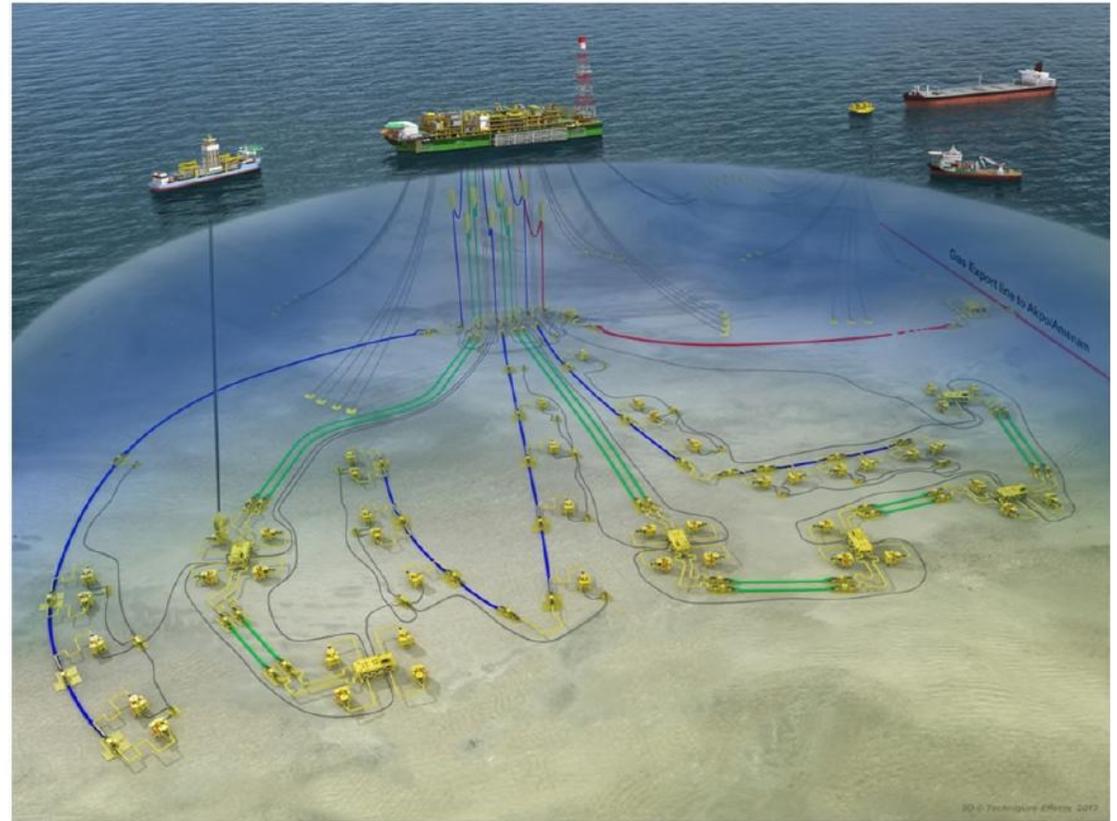
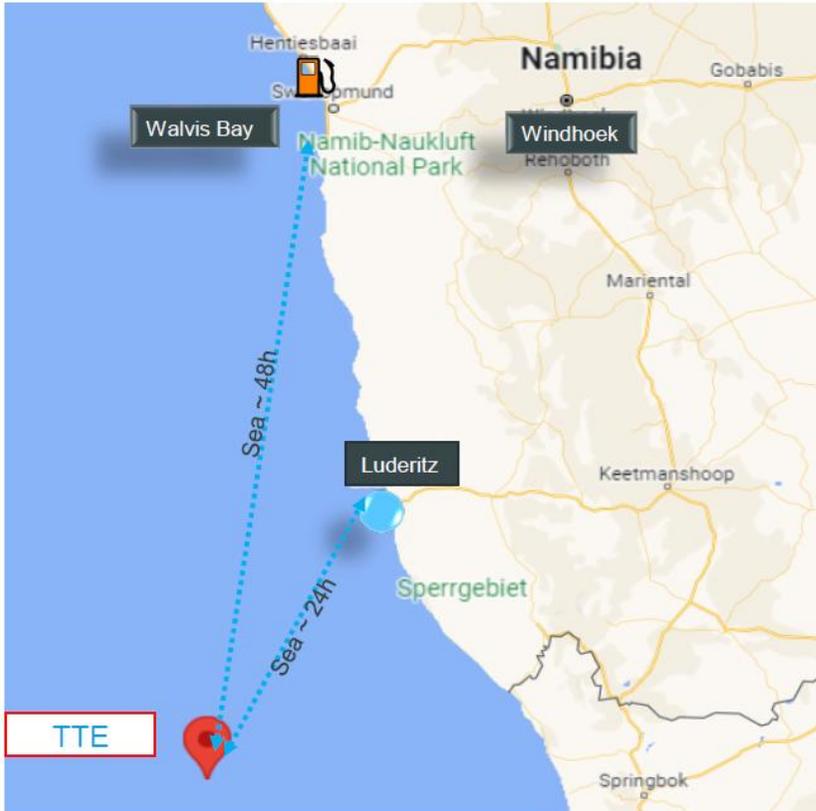
- 1. EXPLORATION AND APPRAISAL PHASE** currently ongoing, can easily be accommodated in the two existing ports;
- 2. DEVELOPMENT/CONSTRUCTION** of oil fields PHASE will commence with TOTALENERGIES on April 2027. Port capacity required for development phase is 10x more then for exploration and appraisal phase.
- 3. PRODUCTION PHASE (first oil)**, port capacity is similar to exploration and appraisal phase.

## **SOLUTION TO THE PROBLEM**

NAMPORT has done exhaustive research, benchmarking around the world and consultation with key players in the industry in order to come up with workable solutions:

- 1. SHORT TERM: Walvis Bay and Luderitz status quo**
- 2. MEDIUM TERM: Port of Luderitz Robert Harbour Expansion;  
(BACKUP – BERTH 9 AND/OR BERTH 1: PORT OF WALVIS BAY  
SOUTH PORT)**
- 3. Port of Walvis Bay North Port Supply Base**
- 4. Lüderitz Bay OPTION – out to tender already;**

# Typical Deep water project - Example



3 | 04/10/2024 – Venus Pre-Project

# Rigid spools and jumpers load-out



Wide pathway required to lift spool / jumper to quay.

Barge preparation 4 days

Usually 3 barges / PSVs used, or more. Need full time access to quayside.

Very likely 2 barges / PSVs alongside most of the time





# Port of Walvis Bay South Port – SHORT TERM – SOLUTION FOR OIL AND GAS SUPPLY BASE



OIL AND GAS  
ACCESS TO  
BERTHS 7,8 AND  
9: 11m DEPTH

OIL AND GAS

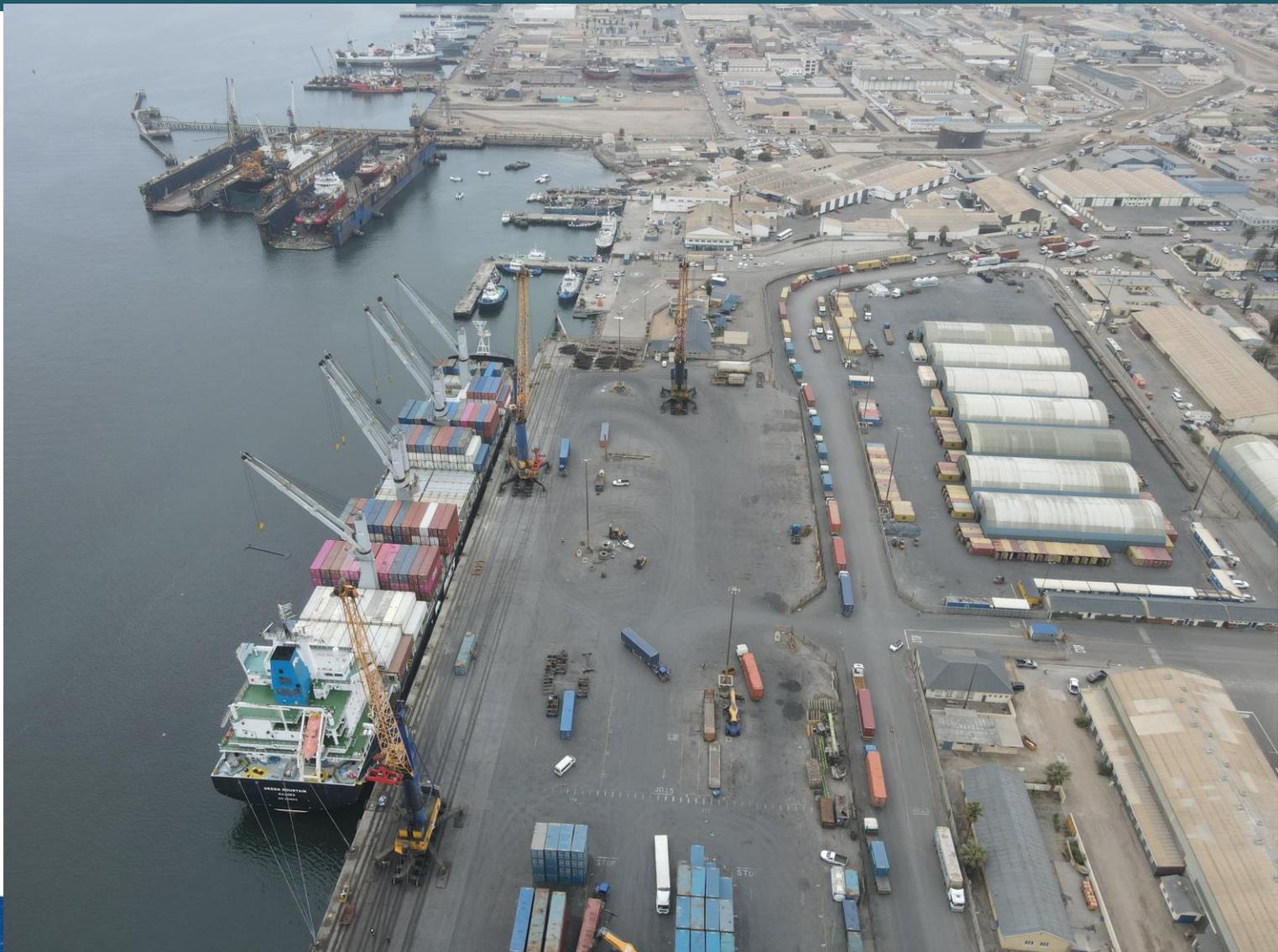
# Port of Walvis Bay South Port – SHORT TERM – SOLUTION FOR OIL AND GAS SUPPLY BASE



# Port of Walvis Bay South Port – SHORT TERM – SOLUTION FOR OIL AND GAS SUPPLY BASE



# Port of Walvis Bay South Port – SHORT TERM – FALL BACK - BERTH 1



# Port of Walvis Bay South Port – SHORT TERM OPTIMISATION – SOLUTION FOR OIL AND GAS SUPPLY BASE



# Port of Walvis Bay South Port – SHORT TERM – SOLUTION FOR OIL AND GAS SUPPLY BASE

- **SHORT TERM SOLUTION:** to support the exploration and appraisal phase that is currently underway in the Orange basin.
- Includes a Namport project to modify the existing facilities to unlock additional capacity (**Berth 9 Modification Project, to be completed by Q2 2027**)
- To suffice for a few years at most, which covers the exploration phase fully, plus the initial one or two years of the development phase. Will also serve as overflow.
- Size of Land inside the port is being supplemented with land in town.
- Plans are being made to make more land available in the short term.
- 3 berths, berth 7, 8 and 9, with 11m depth;
- Heavy lift capacity;
- 3 LMP's and Bulk plants are being erected in Walvis Bay now.
- 3 Bulk Cement plants are going up in Luderitz as well.



# Port of Walvis Bay South Port – SHORT TERM SOLUTION FOR OIL AND GAS SUPPLY BASE



# Port of Walvis Bay South Port – SHORT TERM SOLUTION FOR OIL AND GAS SUPPLY BASE



# PORT OF LUDERITZ – MEDIUM TERM PLANS: ROBERT HARBOUR QUAY WALL EXPANSION PHASE 1



# PORT OF LUDERITZ – MEDIUM TERM PLANS: ROBERT HARBOUR QUAY WALL EXPANSION PHASE 1

- NAD 1.7 BILLION COST ESTIMATE for 200m of new quay wall;
- 200-300m quay wall length at 9m depth, 7 to 14ha land reclamation;
- EIA currently underway, to be completed later this year (2025);
- Funding already secured.
- FEED design underway;
- EPC Tender to be issued by 2025 latest;
- First section of new quay wall to be commissioned by mid 2027, and the final section by end 2028;

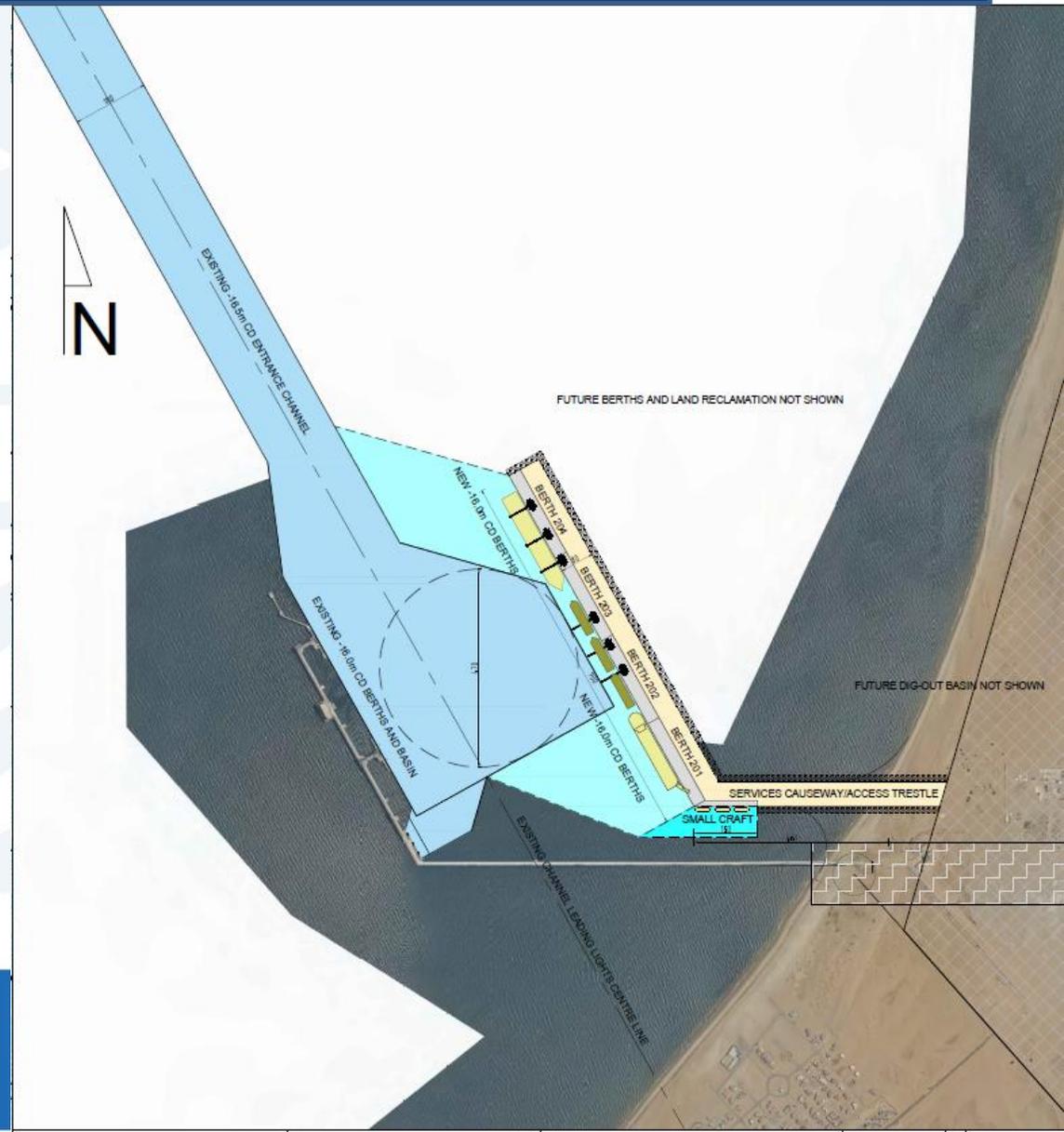


# BUSINESS MODEL OPTIONS FOR PORT OF LÜDERITZ ROBERT HARBOUR POST EXPANSION:

- **PHASE 1a/OPTION 1a:** NAD 1.7 billion cost, to be carried out by Namport.
  - Required for Manganese, Oil and Gas, fishing, project cargo imports, etc.
  - Namport project that cannot be ringfenced, for existing port operations;
- **LÜDERITZ BAY (OPTION 4 AND 5):** To be given the private sector to develop jointly with Namport as a pure oil and gas supply base for additional capacity.
  - Deeper water depth, >14m
  - More land can be reclaimed, >30 hectares
  - Can be developed in phases as the need dictates
  - To be developed in phases as the demand dictates;
  - **Prequalification Tender is out.**

# WALVIS BAY NORTH PORT MULTIPURPOSE TERMINAL

- **PHASED APPROACH:**
- **PHASE 1:**
  - NAD 3 BILLION
  - MINIMAL LAND RECLAMATION BEHIND THE QUAY WALLS.
  - 450m QUAY WALL LENGTH AT -16m CD DEPTH.
- **PHASE 2:**
  - MINIMAL LAND RECLAMATION BEHIND THE QUAY WALLS.
  - 450m QUAY WALL LENGTH AT -16m CD DEPTH.



# CONCLUSION

## LNG

- LNG landing and processing is viable in Lüderitz or E-bay. LNG exports only from Lüderitz. E-Bay will not have a port, too expensive.
- Walvis Bay has adequate capacity to land and process LNG as we speak.
- LNG importers are already talking to Namport and have projects in the conceptual phase.
- Most of these projects are linked to gas to power setup.

# CONCLUSION

## Oil and Gas Field development:

- Namport have adequate plans in place in the short, medium and longer term to accommodate not just the Venus Oil Field development, but all others.
- Plans are both focused around the Port of Lüderitz and Walvis bay;
- Backup plans are also in place should any of the new build plans be delayed for any reason.

# THANK YOU!



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