
2. PROJECT DESCRIPTION

TradePort Namibia (Pty) Ltd intends to propose an “Amendment” to its current Ship loading procedure within the Ports at Lüderitz. Currently, TradePort Namibia operates an Ultra- and Supramax vessels call in Lüderitz to collect the manganese which we export. These vessels'DWT range between 58,000 and 62,000 tons, however due to the shallow harbour and draft restrictions at the Lüderitz Port TradePort Namibia has been only loads 30,000 tons per vessel due to the.

The only way the proponent will be to load at full capacity is through the utilization of floating transfer units in the port of Lüderitz. The volumes to make up the vessel’s capacity via barges alongside the vessel at anchorage. This will be done by utilizing the vessel’s own vessel’s gear and grabs to make modification of the current “Process 1” which consist of the following activities:

- Skips are loaded by front end loaders inside the warehouse
- Skips are then cross hauled on special trailers to alongside the vessel under the vessel gear’s hook
- Skips are hooked onto special chain spreaders attached to the vessel gear’s hook
- Skips are lifted off the trailers and then decanted inside the hold of the vessel
- Empty skips are lifted out of the vessels hold and placed on the quayside
- Empty skips are then loaded back onto the special trailers by forklifts
- Skips are then returned to the warehouse to repeat the process above

2.1. SITE SELECTION

On a site specific level, previous approval was issued for the Port of Lüderitz facility (corner GPS coordinates presented in **Table 2**) and therefore no new site will be necessary. The site selection process took into consideration key site selection factors such as land availability, proximity to sensitive receptors, site accessibility, topography, risks, current land use.

Table 2: Corner coordinates of the proposed development site

Corner point	Latitude	Longitude
A – Lüderitz Port Point 1	-26.640786°	15.152960°
B – Lüderitz Port Point 2	-26.641257°	15.152842°
C – Lüderitz Port Point 3	-26.641326°	15.153498°
D – Lüderitz Port Point 4	-26.640888°	15.153682°

Locality Map: TradePort's Warehouse Location at the Port and Propose Barges Operation Area

- Legend**
- Habour & TPN Barges Target Area
 - Luderitz
 - TPN Warehouse_

