

**LIMITATION AND INFORMATION OF UREA EXPORT TERMINAL
BUTTERWORTH**

VESSEL NAME : _____

| NO | LIMITATIONS | VALUES | VESSEL (metres) |
|----------------------|--|-------------------|-------------------|
| A WHARF NO. 1 | | | |
| 1 | Maximum depth at berth (mean low tide is 0.6m) | 9.0M | Info |
| 2 | Maximum draft (mean low tide is 0.6m) | 9.0M | |
| B VESSEL | | | |
| 1 | Maximum length of ship at one time (LOA) | 184.0M | |
| 2 | The maximum free board in full ballast condition (i.e Distance from water line to top hatch coaming) | 9.4M | |
| 3 | Minimum dimension of hatch opening required for entry of telescopic chute for bulk loading | 6.0 x 6.0M | |
| 4 | The maximum distance from the vessel side to the nearest side of the hatch coaming | 7.2M | |
| 5 | Max cargo capacity (MT) | Previous cargo | Last Port of call |
| | | True Mean Draft | |
| | | FWD | AFT |
| C SHIPLOADER | | | |
| 1 | The maximum travel of the shiploader along the wharf | 130.0M | Info |
| 2 | Boom | | Info |
| | a. The maximum reach of boom (from edge of pier) to vessel hatch | | |
| | b. The maximum boom slewing movement (clockwise) | | |
| | c. Boom lifting angle | | |
| | | i. Upward | 12° |
| | | ii. Downward | 10° |
| 3 | Telescopic Chute | | Info |
| | a. fully retracted | | |
| | | b. fully extended | 7.2M 14.5M |
| 4 | Slinger | | Info |
| | a. Slewing rotation/angle clockwise(CW) and counter clockwise(CCW) | | |

