



MV Borkum



General Info

| | |
|---------|--|
| Built | 2012 |
| Flag | Antigua & Barbuda |
| IMO No. | 9457153 |
| Class | GL+100 A5 E3, IW, Strengthened for heavy cargo, equipped for carriage of containers, G, Solas II-2, Reg19, BWM, +MC E3 AUT, Great Lakes fitted |
| Type | 5.670 dwt Multi-Purpose Carrier fitted with tweendecks and grainbulkheads |

Hold & Hatches

| | |
|------------------|--|
| Hatch | Hydraulic hatch covers; 2 multifolding pairs (4 covers) open to fwd., 2 mulifold pairs (4 covers) open to aft. |
| Hold equipment | CO2 and water sprinkler, smoke detector, ventilated with fans 20 times per hour |
| Dimensions holds | 64,40 m x 13,20 m x 9,00 m; 52,5 m x 13,2 m boxshaped |
| IMO | fitted all classes as per ships specs. and certificates |

Tween Decks

Moveable tween decks, positioning possible at 3.000mm and 5.400mm above tank top, also usable as grain bulkheads at various positions

Permissible loads

| | |
|-------------------|--------------------------|
| Tanktop | 20,00 t / m ² |
| Tweendeck hatch | 2,50 t / m ² |
| Weatherdeck hatch | 2,00 t / m ² |

Gear

2 hydraulic single cranes on portside
 60 t at 19 m and 45 t at 26 m
 min outreach 2,5 m

Containers

| | |
|-----------------|-------------------------|
| Hold | 138 TEU |
| On deck | 247 TEU |
| Total | 385 TEU |
| Container loads | 72t / TEU, 90t / FEU |
| Reefers | 10 reefer plugs on deck |

Tonnage

| | |
|---------|-------------------------|
| Dwt | 5.670 mt w/o tween deck |
| GT / NT | 4.591 / 1.966 |
| Panama | 3.941 t |
| Suez | 4.591 t |

Main Engine Data

| | |
|------------------------|------------------------|
| Main engine | MAN 7L 32/40; 3.500 kW |
| Bow thruster | 400 rpm |
| Low sulphur management | |

Dimensions

| | |
|-------|----------|
| LOA | 108,20 m |
| LBP | 102,60 m |
| Beam | 16,60 m |
| Depth | 8,80 m |
| Draft | 6,50 m |

Generators / Aux. Engine

| | |
|------------------|---------------------------|
| Aux. engine | 2 aux engines each 360 kW |
| Shaft generator | 1 shaft gen. 500 kW |
| Emergency Genset | 1 emerg. genset 100kW |

Capacity

| | |
|------|---|
| Bale | 7.310 m ³ resp. 258.150 cbft |
|------|---|

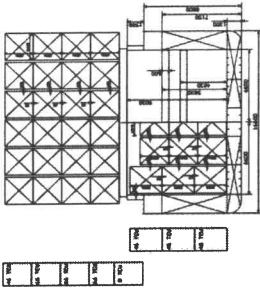
Tank capacity

| | |
|------------|------------------------|
| Fuel IFO | 400,0 m ³ |
| Fuel MDO | 95,0 m ³ |
| LO | 27 m ³ |
| Freshwater | 80,8 m ³ |
| Ballast | 2.665,0 m ³ |

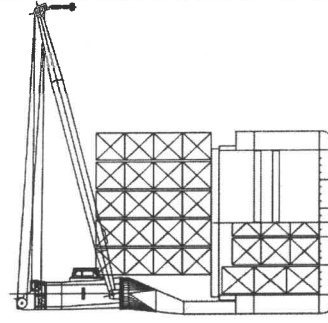
Speed consumption

abt. 14 kn at 15 mt IFO 380 cst/day
 Cruising range 8.000 nautical miles

Cross Section



| | | | | | |
|-----|-----|-----|-----|-----|-----|
| 18' | 18' | 18' | 18' | 18' | 18' |
| 18' | 18' | 18' | 18' | 18' | 18' |



WILL SHIP ON A.M.

Length over All 108.20 A.
 Length between deck pillars 102.60 A.
 Breadth in Hold 58.50 A.
 Breadth at Waterline 58.50 A.
 Keel to Highest All Reason From Base 6.30 A.
 * Gross Tonnage 5650 T.
 * Net 2600 T.
 * Ballastwater 2000 cu. ft.
 * Capacity 77 cu. ft.
 * U.S. Register 2000 T.
 * U.S. Tonnage 2000 T.
 * Deck Area 125,000 sq. ft.
 * Deck Area not on board 4500 sq. ft.

CONSTRUCTION
 GENERAL ARRANGEMENT
 COLUMBIAN - THE KETCHIKAN

| | | | |
|----------|-----|---------|----------|
| DATE | BY | CHECKED | APPROVED |
| 10/15/07 | JKS | JKS | JKS |

U.S. SHIP BUILDING ACT OF 1920

