

# M/T "COPERNICUS"

CHEMICAL TANKER

## BERGEN

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## VESSEL PARTICULARS

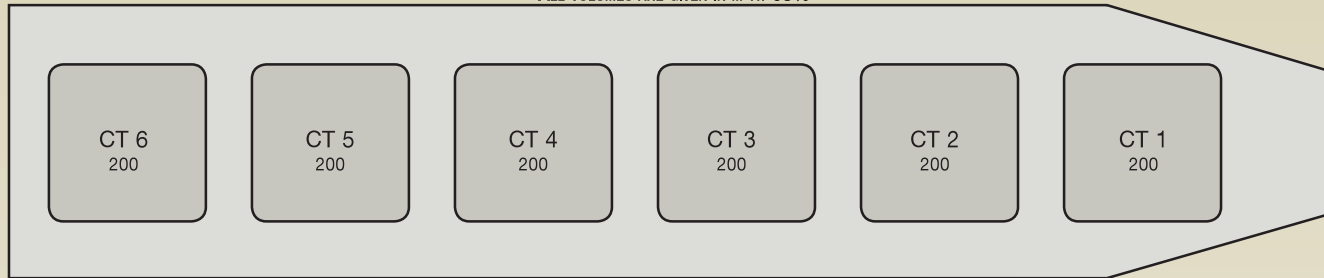
|                     |                         |
|---------------------|-------------------------|
| Class               | GL + 100A5, IMO 2       |
| Built               | 1987 / Rebuilt 2001     |
| Builder             | Germany, rebuilt Poland |
| Flag                | Liberia                 |
| Register            | Liberia                 |
| Home port           | Monrovia                |
| Service speed       | 10 knots                |
| Consumption         | 3,75 mt/day             |
| Stern line          | No                      |
| Deck crane capacity | No                      |
| Main engine         | MAK 6M332 / 749 KW      |
| Bow thruster        | Scania / 180 KW         |

## MAIN DIMENSIONS

|                             |       |                |
|-----------------------------|-------|----------------|
| Summer deadweight           | 1 825 | mts            |
| Winter deadweight           | 1 755 | mts            |
| Summer draught (SW)         | 4,38  | m              |
| Winter draught (SW)         | 4,29  | m              |
| Length overall              | 73,85 | m              |
| Moulded breadth             | 11,50 | m              |
| Cargo capacity (98%)        | 1 202 | m <sup>3</sup> |
| Gross tonnage               | 1 525 |                |
| Net tonnage                 | 458   |                |
| SBT tonnage                 | 916,3 |                |
| Light weight                | 2 797 | mt             |
| Distance KTM                | 29,50 | m              |
| Parallel body length (SDWT) | 52,00 | m              |



ALL VOLUMES ARE GIVEN IN M<sup>3</sup> AT 98%



**Total tank capacity at 98%:** 1 202 m<sup>3</sup>  
All tanks Teflon ECTFE – IMO 2

**Manifold**

|                                |         |     |
|--------------------------------|---------|-----|
| Distance Bow-Center manifold   | 36,00   | m   |
| Distance Stern-Center manifold | 38,00   | m   |
| Inboard from ships side        | 3,50    | m   |
| Height above deck              | 1,40    | m   |
| Height above waterline loaded  | 5,30    | m   |
| Height above waterline ballast | 6,78    | m   |
| Highest allowable pressure     | 10      | bar |
| Manifold flanges               | DIN 100 | "   |

**Cargo pumps**

Framo deepwell pumps in all cargo tanks  
Pump Capacity: 100 m<sup>3</sup>/h  
Pumping rate given against max 7 bar

**Cargo heating:** 25 – 35 deg C

Clayton steam generator with the control system supply – 2 heating fans per each void space  
Heated air circulating into void space

| Meters | Draught in |             | Deadweight (Metric tons) |      | TPC  |
|--------|------------|-------------|--------------------------|------|------|
|        | Feet       | Fresh Water | Sea Water                |      |      |
|        |            |             |                          |      |      |
|        |            |             |                          |      | 7,70 |
| 4      |            | 1500        |                          | 1500 | 7,60 |
|        |            |             |                          |      | 7,50 |
|        |            |             |                          |      | 7,40 |
|        |            | 1000        |                          | 1000 | 7,30 |
|        |            |             |                          |      | 7,20 |
| 3      | 10         |             |                          |      | 7,10 |
|        |            |             |                          |      | 7,00 |
|        |            | 500         |                          | 500  | 6,90 |
|        |            |             |                          |      | 6,80 |
|        |            |             |                          |      | 6,70 |
| 2      |            |             |                          |      | 6,60 |

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