

## “ISLAS TRES”

Vessel id: 9037161

Type: Cement Carrier



Flag: PANAMA Call sign: 3E8305 Port of registry: PANAMA

### COMPANY:

| Name            | Owner type     | Nation |
|-----------------|----------------|--------|
| Gramelcan, S.L. | Owner          | Spain  |
| Camarex, S.L.   | Managing owner | Spain  |

### VESSEL DESCRIPTION:

#### BUILT:

Year: 2002/2006 by Yildirim Gemi Insaat San A.S./Pan United Shipyard

DELIVERY: 25th february, 2002

#### CLASS:

BUREAU VERITAS (BV) - IMO N° 9037161

### INSURANCES:

Hull and Machinery: MUTUAPESCA

P & I: MARITIME MUTUAL INSURANCE ASSOCIATION LTD.

### TONNAGES:

|          |           |                |
|----------|-----------|----------------|
| GT: 4075 | NT.: 1655 | MDWT.: 5565.81 |
|----------|-----------|----------------|

### DIMENSIONS:

| Main particulars | Meters | Feet   |
|------------------|--------|--------|
| Length o.a.      | 97.00  | 318.24 |
| Length p.p       | 91.08  | 298.82 |
| Breadth(mld)     | 17.30  | 56.76  |
| Depth(mld)       | 8.37   | 27.55  |
| Draught          | 7.13   | 27.46  |
| Air Draft        | 31.00  | 101.70 |



M/V "ISLAS TRES"

**CARGO INFORMATION:**

**Hold: 3 Deck:1**

| Description  | m3          | Cuft.            |
|--------------|-------------|------------------|
| Hold nº 1    | 948         | 33478.30         |
| Hold nº 2    | 2315        | 81753.45         |
| Hold nº 3    | 1720        | 60741.23         |
| <b>TOTAL</b> | <b>4983</b> | <b>175973.00</b> |

**ENGINES:**

| Type | Make        | No | KW      | RPM  |
|------|-------------|----|---------|------|
| Main | MAN 8L27-38 | 1  | 2720 kW | 800  |
| Aux  | MAN D2842LE | 1  | 421 kW  | 1500 |
| Aux  | MAN D2842LE | 1  | 421 kW  | 1500 |

**CAPACITIES:**

| Type               | Description |
|--------------------|-------------|
| Fuel MGO           | 93 m3       |
| Fuel IFO (heating) | 375 m3      |
| Ballast            | 1480 m3     |
| Freshwater         | 121 m3      |

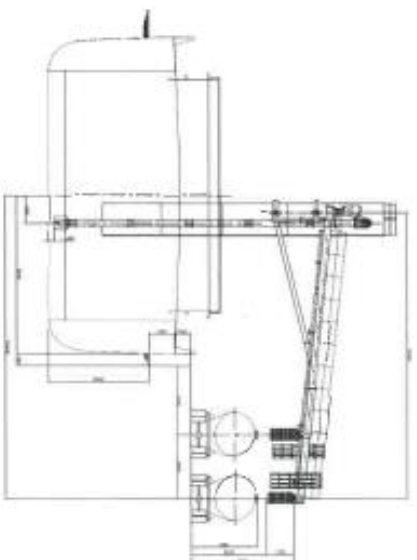
**EQUIPMENT:**

| Group                | Units                    | Capacity each | Máy. total |
|----------------------|--------------------------|---------------|------------|
| Mechanical loading   | 6                        | -             | 600 mt/h   |
| Pneumatic loading    | 2                        | Stb. / Port.  | 500 mt/h   |
| Mechanical discharge | 1                        | Vía chute     | 250 mt/h   |
| Pneumatic discharge  | 2                        | 250 mt/h      | 500 mt/h   |
| Air compressors      | 3                        | 83 m3/min     | 249 m3/min |
| Filler fan capacity  | 2                        | 250 m3/min    | 500 m3/min |
| Cargo pump(s)        | 3 x 11 m3 type blow tank |               |            |
| Fluidization panels  | Yes                      |               |            |
| Vertical screws      | 1 Tonka truck discharge  |               |            |
| Crane                | 1 x SWL 2.0 Tn           |               |            |

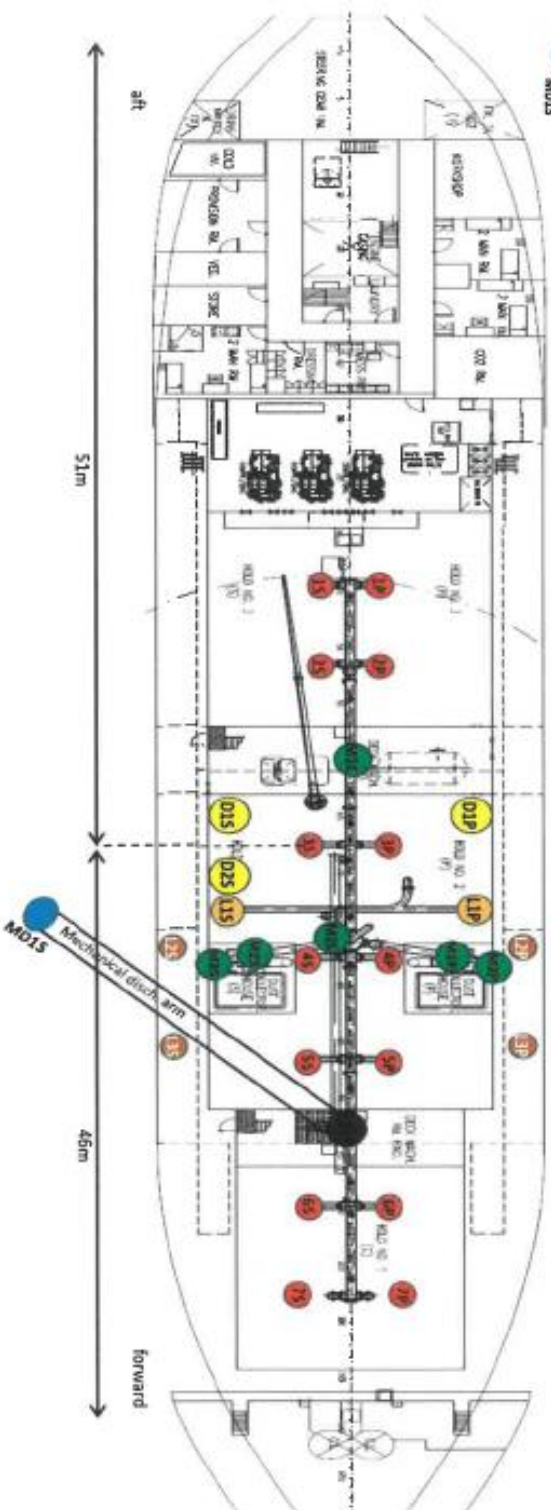
**SPEED/CONSUMPTION:**

Laden condition 11 kts – 8.3 mt/day IFO

Ballast condition 11.90 kts – 8.3 mt/day IFO



- Gravity / mechanical loading MLC, MLS, MZS, MSS, MJP, MCP
- Loading pneumatic LLP, LIS
- Truck loading points 1-7 P/S
- Loading directly to cargo hold 2 only L2P, L3P, L3S, L3S
- Pneumatic discharge DIP / DIS / DZS → Can discharge with two lines (total connections 4)
- Mechanical ditch, via chute to trucks or rail wagons. Ports to discharge with two chutes.
- MDS



**Location of loading and discharging connections (m)**

|                                    |   | Port side (m) | Starboard (m) | Stern (m) | Bow (m) | Keel (m) |
|------------------------------------|---|---------------|---------------|-----------|---------|----------|
| L1S pneumatic loading              | ● | -             | 3.9           | 55        | 42      | 10.7     |
| L1P pneumatic loading              | ● | 4.3           | -             | 55        | 42      | 10.7     |
| L2S loading direct to cargo hold 2 | ● | -             | 2.2           | 56.9      | 40.1    | 9.8      |
| L3S loading direct to cargo hold 2 | ● | -             | 2.2           | 62.3      | 34.7    | 9.8      |
| L2P loading direct to cargo hold 2 | ● | 2.2           | -             | 56.9      | 40.1    | 9.8      |
| L3P loading direct to cargo hold 2 | ● | 2.2           | -             | 62.3      | 34.7    | 9.8      |
| D1S pneumatic disch.               | ● | -             | 3.18          | 46.6      | 50.4    | 12       |
| D2S pneumatic disch.               | ● | -             | 2.48          | 55.4      | 41.6    | 11.6     |
| D1P pneumatic disch.               | ● | 2.98          | -             | 46.6      | 50.4    | 11.5     |
| M1S mechanical/gravity loading     | ● | -             | 7.5           | 57.7      | 39.3    | 13.6     |
| M2S mechanical/gravity loading     | ● | -             | 3.4           | 58.6      | 38.4    | 14.5     |
| M3S mechanical/gravity loading     | ● | -             | 2.1           | 59.1      | 37.9    | 14.8     |
| M1P mechanical/gravity loading     | ● | 2.1           | -             | 58.6      | 38.4    | 12.5     |
| M2P mechanical/gravity loading     | ● | 0.75          | -             | 59.1      | 37.9    | 14.8     |
| M1C mechanical/gravity loading     | ● | 8.5           | 8.5           | 40.6      | 56.4    | 11.9     |
| MD1S Mechanical disch. via chute   | ● | -             | 7.12          | 69.8      | 28.2    | 12.2     |

**Truck loading points from aft:**

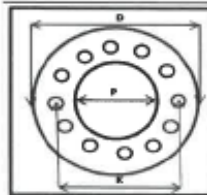
|                                |   |     |     |      |      |      |
|--------------------------------|---|-----|-----|------|------|------|
| 1P/1S truck loading point, CH3 | ● | 7.9 | 7.9 | 34.9 | 62.1 | 10.7 |
| 2P/2S truck loading point, CH3 | ● | 7.5 | 7.5 | 39.8 | 57.2 | 10.7 |
| 3P/3S truck loading point, CH2 | ● | 7.3 | 7.3 | 51   | 46   | 10.7 |
| 4P/4S truck loading point, CH2 | ● | 6.9 | 6.9 | 58.1 | 38.9 | 10.7 |
| 5P/5S truck loading point, CH2 | ● | 7.4 | 7.4 | 64.2 | 32.8 | 10.7 |
| 6P/6S truck loading point, CH1 | ● | 7.2 | 7.2 | 73.2 | 23.8 | 10.7 |
| 7P/7S truck loading point, CH1 | ● | 6.8 | 6.8 | 78.9 | 18.1 | 10.7 |

**Dimension of loading and discharging connections (mm)**

|                                       |     | D (mm) | K (mm) | P (mm) | Number of holes |
|---------------------------------------|-----|--------|--------|--------|-----------------|
| L1S/L1P pneumatic loading             |     | 445    | 400    | 328    | 12              |
| L1S/L1P if connected by truck         |     | 290    | 180    | 170    | 8               |
| L2-L3 P/S direct to cargo hold no. 2  |     | 395    | 350    | 276    | 12              |
| 1-7 P/S truck load. points or storz A |     | 220    | 180    | 116    | 8               |
| D1S/D2S/D1P/D2p pneu. discharge       | 12" | 500    | 400    | 328    | 12              |
| M1S/M2S mech./gravity load            |     | 560    | 505    | 395    | 16              |
| M3S mech./gravity load                |     | 730    | 640    | 505    | 16              |
| M1P/M2P mech./gravity load            |     | 600    | NIL    | 387    | C-Clamp         |
| M1C mech./gravity load                |     | 560    | 520    | 400    | 16              |
| MD1S mech. disch. via chute           |     | 700    |        | 400    |                 |

**Discharging hose and flange (mm)**

|                                           | D (mm) | K (mm) | P (mm) | Number of holes |
|-------------------------------------------|--------|--------|--------|-----------------|
| Hoses: 2x7mts / 1x5mts / 1x8mts / 1x10mts | 460    | 400    | 320    | 12              |



**Reducers (mm)**

|                        | D (mm)    | K (mm)    | P (mm)    | No. of holes |
|------------------------|-----------|-----------|-----------|--------------|
| 12" / 10" (4pcs)       | 460 / 400 | 400 / 350 | 320 / 240 | 12/12        |
| 12" / 14" (1pcs)       | 460 / 490 | 400 / 430 | 320 / 330 | 12/12        |
| 12" / 14" (elbow 2pcs) | 460 / 485 | 400 / 430 | 320 / 330 | 12/12        |

**Mechanical discharging via chute into trucks**

| Max outreach STBD side | Max height of chute above keel | Min height of chute above keel |
|------------------------|--------------------------------|--------------------------------|
| 7.95 m                 | 14.50-12.8 m                   |                                |