



1951



# MAJA

## MAIN DESCRIPTION

|                  |                                                                   |
|------------------|-------------------------------------------------------------------|
| CLASS            | *KM FLOATING                                                      |
| TYPE             | CRANE III [1] L3<br>SELF PROPELLED,<br>REVOLVED FLOATING<br>CRANE |
| PORT OF REGISTRY | GDYNIA                                                            |
| CALL SIGN        | SQKR                                                              |
| FLAG             | POLISH                                                            |
| IMO NUMBER       | 8829127                                                           |
| DELIVERED        | 1980                                                              |
| CLASSIFICATION   | PRS                                                               |

## MAIN DIMENSIONS

|                 |             |
|-----------------|-------------|
| LOA             | 55,49 m     |
| BREADTH         | 25,02 m     |
| DRAUGHT         | 2,85 m      |
| DRAUGHT AT WORK | UP TO 4,5 m |
| GRT             | 1964        |
| NRT             | 589         |

## CRANE

|                     |                  |
|---------------------|------------------|
| MAIN HOOK           | 330 T            |
| SMALL HOOK          | 100 T            |
| MAIN HOOK SPEED     | 0,15 - 3,5 m/min |
| SMALL HOOK SPEED    | 0,15 - 5,5 m/min |
| 360° REVOLVING TIME | 4,5 min          |

## DECK CARGO CAPACITY

|                     |                           |
|---------------------|---------------------------|
| DECK CARGO CAPACITY | 800 T                     |
| CARGO DECK AREA     | 19,2 x 19,2 m             |
| CARGO DECK STRENGTH | 6 - 10 T / m <sup>2</sup> |

## DECK EQUIPMENT

|                 |   |
|-----------------|---|
| MOORING WINCHES | 4 |
| ANCHOR WINCHES  | 4 |

## TANKS CAPACITY

|               |                    |
|---------------|--------------------|
| FUEL OIL      | 94 m <sup>3</sup>  |
| POTABLE WATER | 25 m <sup>3</sup>  |
| BALLAST WATER | 200 m <sup>3</sup> |

## WORK CONDITIONS

|               |                                                     |
|---------------|-----------------------------------------------------|
| WORK OF CRANE | FORCE OF WIND UP TO 5 °B<br>HIGHT OF WAVE UP TO 2 m |
| SAILING       | FORCE OF WIND UP TO 5°B                             |
| MAX. SPEED    | 5 KNOTS                                             |

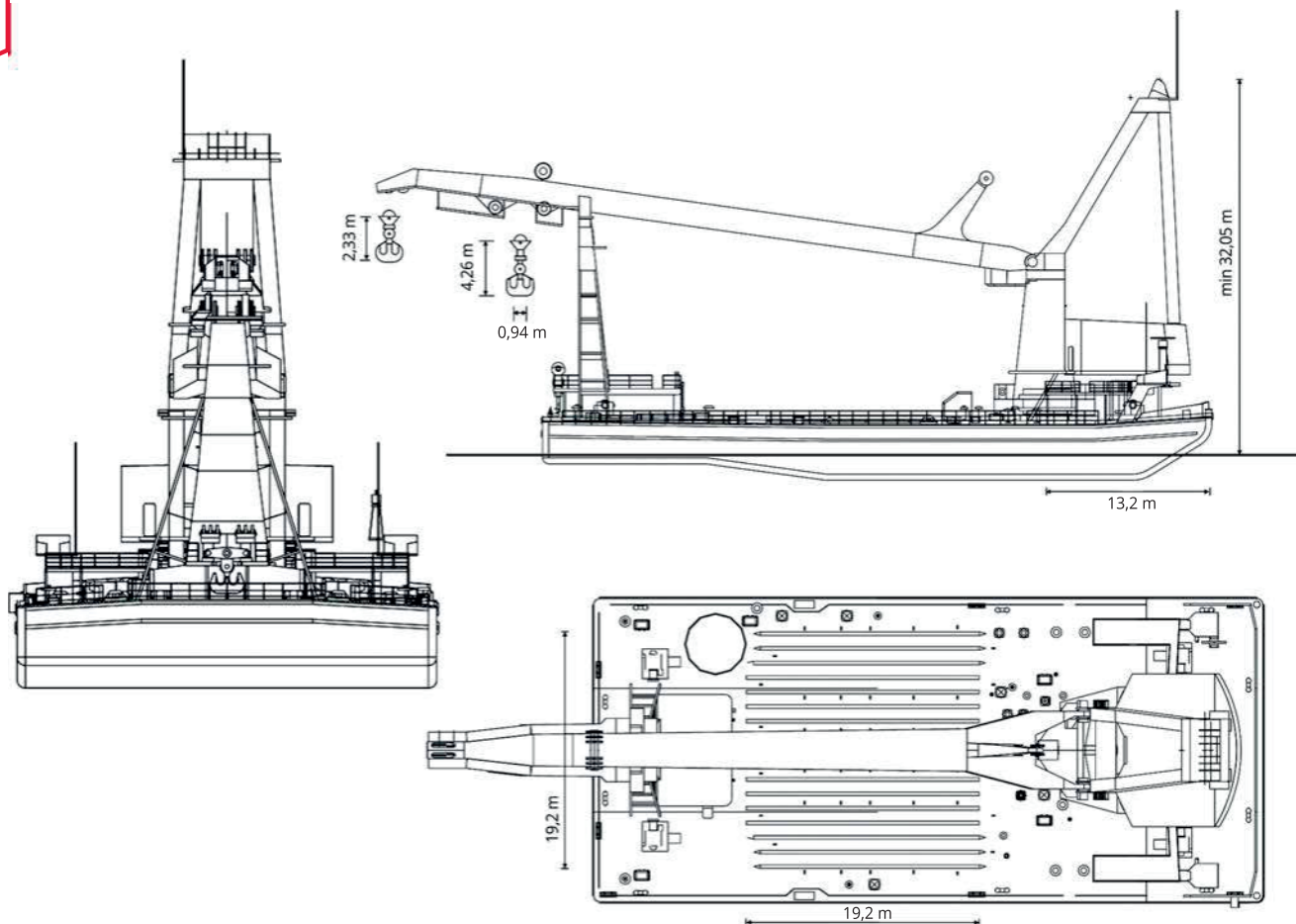
## ENGINES AND PROPULLSION

|              |                                 |
|--------------|---------------------------------|
| MAIN ENGINES | 3 x ELECTRIC MOTOR              |
| POWER        | 3 x 315 kW                      |
| ALTERNATORS  | 2 x 1250 kVA                    |
| PROPELLERS   | 3 CYCLOIDAL ON AFT OF<br>PONTON |

SUBMERSIBLE SALVAGE PUMPS, ACCOMODATION  
UP TO 13 PERSONS INCLUDING CREW

## THANKS TO HER CONSTRUCTION SHE IS ABLE TO:

- LIFT CARGOES OF WEIGHT TO 330 TONS (INCLUDING LIFTING EQUIPMENT: SLINGS SHACKLES, BEAMS ETC.),
- ROTATE THE CARGO HORIZONTALLY,
- USING TWO HOOKS - 330 TONS AND 100 TONS - A CARGOES CAN BE ROTATED ALSO VERTICALLY,
- TRANSPORT OF THE CARGO INSIDE THE CLOSED WATERS AND PORTS ON THE ONE HOOK OR TWO HOOKS,
- UNLIKE THE SHEERLEG, TRANSPORT A CARGO UP TO 800 TONS ON THE DECK THROUGH THE OPEN SEA.



| MAIN HOOK 330 T - CRANE RADIUS FROM AXIS OF ROTATION - SIDE PROGRAM |       |      |       |      |      |      |       |      |      |      |       |      |      |      |       |      |      |      |      |      |       |      |      |      |      |      |
|---------------------------------------------------------------------|-------|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|------|------|-------|------|------|------|------|------|
|                                                                     | 330 T |      | 300 T |      |      |      | 275 T |      |      |      | 220 T |      |      |      | 165 T |      |      |      |      |      | 132 T |      |      |      |      |      |
| HEIGHT ABOVE WATER LEVEL (m)                                        | 46.0  | 46.0 | 45.3  | 44.3 | 43.7 | 43.0 | 42.3  | 41.5 | 40.8 | 40.4 | 39.4  | 38.6 | 38.0 | 37.4 | 36.7  | 36.0 | 35.1 | 34.2 | 33.3 | 32.0 | 30.2  | 29.6 | 28.7 | 27.4 | 25.4 | 24.0 |
| RADIUS (m)                                                          | 15.0  | 15.0 | 16.0  | 17.0 | 18.0 | 18.8 | 20.0  | 21.0 | 22.0 | 23.0 | 24.0  | 25.0 | 26.0 | 27.4 | 28.0  | 29.0 | 30.0 | 31.0 | 32.0 | 33.0 | 34.2  | 35.0 | 36.0 | 37.0 | 38.0 | 38.7 |

radius from pontoon side = radius -12,8m

| MAIN HOOK 330 T - CRANE RADIUS FROM AXIS OF ROTATION - BOW PROGRAM (0-17 DEGREES FROM SYMMETRY LINE) |       |      |      |      |      |      |      |      |      |      |       |      |      |      |       |      |      |      |       |      |      |      |      |      |
|------------------------------------------------------------------------------------------------------|-------|------|------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|------|------|
|                                                                                                      | 330 T |      |      |      |      |      |      |      |      |      | 275 T |      |      |      | 220 T |      |      |      | 165 T |      |      |      |      |      |
| HEIGHT ABOVE WATER LEVEL (m)                                                                         | 46.0  | 45.3 | 45.0 | 44.5 | 44.0 | 44.0 | 43.5 | 43.0 | 42.5 | 42.0 | 41.0  | 40.5 | 40.5 | 40.0 | 39.0  | 38.0 | 37.0 | 36.0 | 35.0  | 34.0 | 32.5 | 31.0 | 29.5 | 29.0 |
| RADIUS (m)                                                                                           | 15.0  | 16.0 | 17.0 | 18.0 | 19.0 | 20.0 | 21.0 | 22.0 | 23.0 | 24.0 | 25.0  | 26.7 | 28.0 | 29.0 | 29.7  | 31.0 | 32.0 | 32.7 | 34.0  | 35.0 | 36.0 | 37.0 | 38.0 | 38.7 |

radius from bow of pontoon = radius -13,2m

| HOOK 100 T - CRANE RADIUS FROM AXIS OF ROTATION |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                                                 | 100 T |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| HEIGHT ABOVE WATER LEVEL (m)                    | 60    | 59   | 58   | 57   | 56   | 55   | 54   | 53   | 52   | 51   | 50   | 49   | 48   | 47   | 46   | 45   | 44   | 43   | 42   | 41   | 40   | 39   | 38   | 37   | 36   |
| RADIUS (m)                                      | 18.0  | 19.2 | 20.5 | 21.7 | 22.6 | 24.0 | 25.2 | 26.6 | 27.8 | 29.0 | 30.2 | 31.4 | 32.6 | 34.0 | 35.2 | 36.4 | 37.6 | 39.0 | 40.2 | 41.4 | 42.6 | 44.0 | 45.0 | 46.3 | 47.7 |

radius from pontoon side = radius -12,8m

tables do not contain pontoon list

vessels particulars belived to be correct but not guaranteed