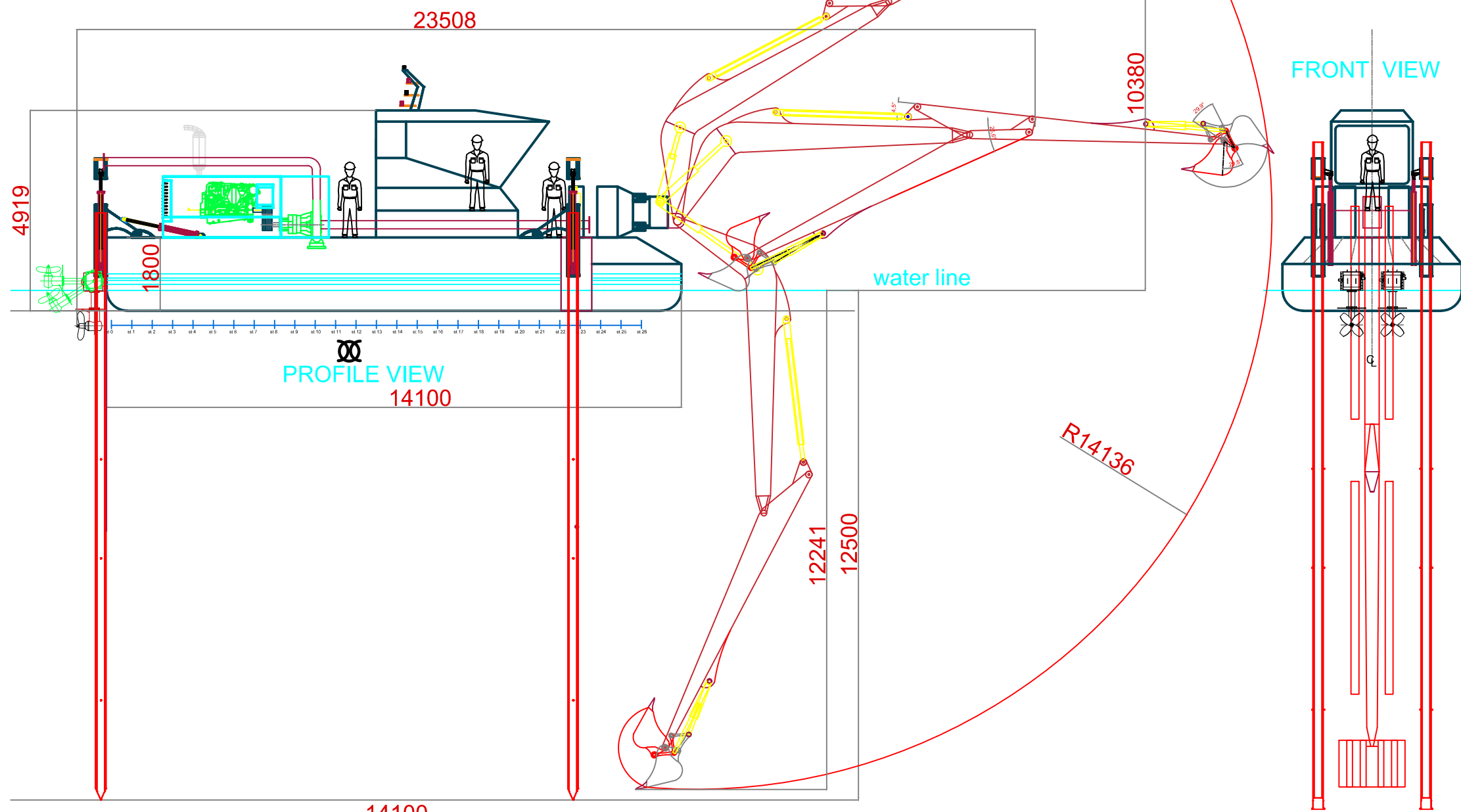
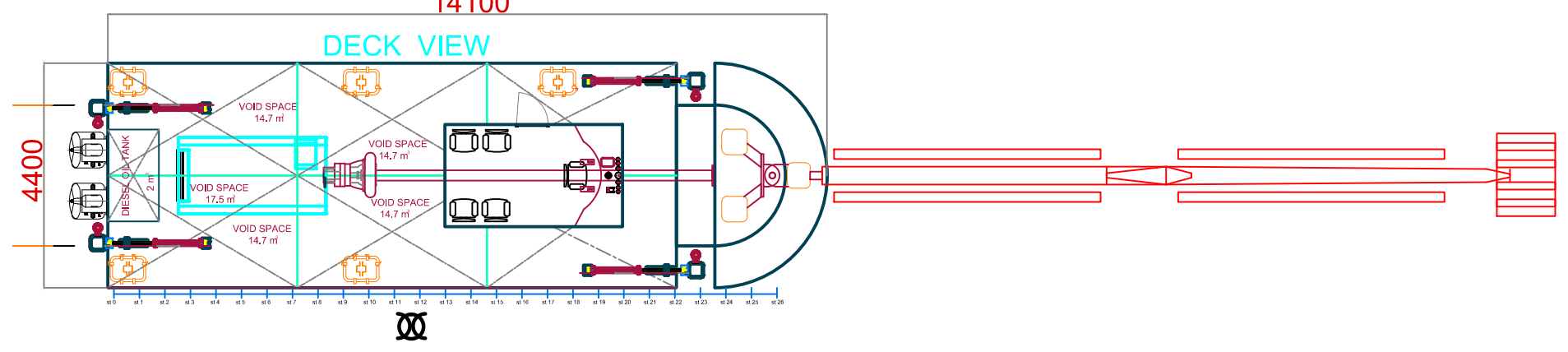


# 14.1 m MULTIPURPOSE DREDGER GENERAL ARRANGEMENT



| MAIN PARTICULARS         |   |
|--------------------------|---|
| LENGTH OVER ALL          | :23.5 m   |
| LENGTH WATER LINE        | :14.1m  |
| BEAM MOULDED             | :4.4 m  |
| DEPTH (HULL)             | :1.8m   |
| DRAFT                    | :0.65 m , DISPLACEMENT 30 TON                   |
| V                        | : 8 KNOT  |
| SHORT SPESIFICATION:     |   |
| TYPE                     | : 200mm DIAMETER CROCODILE DREDGER              |
| MAIN ENGINE              | : CUMMINS QSM11 355 HP OR APPROPRIATE SIZE      |
| BATTERY                  | : 24 V 200 AH 2 PIECES DRY TYPE HEAVY DUTY      |
| CUTTER SUCTION HEAD      | : 30 HP HYDROULIC DRIVEN                        |
| DIAMETER                 | :350 mm ROTATION: 0 - 50 RPM                    |
| MAX WORKING PRESSURE     | 250 BAR   |
| PROPULSION               | : HYDROULIC DRIVEN 200 kW HYD. PUMP             |
| SPUDS                    | : HYDROULIC ACTUATED 12.5 M LONG                |
| DIGGING FORCE ARM        | :160 kN   |
| DIGGING FORCE BUCKET     | : 150 kN  |
| DREDGER PUMP             | : 300 m <sup>3</sup> /h 4.4 BAR centrifuge pump |
| DREDGER PUMP POWER       | 75 kW SUCTION DIA. 80+80 mm                     |
| DIESEL OIL TANK CAPACITY | : 3 m <sup>3</sup>                              |
| VOID SPACE VOLUME        | :17.5 m <sup>3</sup> (each)                     |



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|   |                     |                              |         |
|---|---------------------|------------------------------|---------|
| PROJECT NAME<br><b>14,1 MULTIPUPOSE DREDGER</b> |                     |                              |         |
| SHIP NAME                                       |                     | SHIP TYPE                    |         |
|   |                     | MULTIPURPOSE SUCTION DREDGER |         |
| DESIGN<br>ILKER ERTUGRUL AKKAN                  | SIGNATURE:          | SCALE                        | CLASS   |
| CONTROL<br>ILKER ERTUGRUL AKKAN                 | PROJECT NR          | PAPER SIZE                   | HULL NO |
| CAD<br>ILKER ERTUGRUL AKKAN                     | DATE:<br>31.07.2010 |                              |         |



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