



## 30m 4400BHP ASD TUG (Hull No. YX3181)

Ref No.: YX3181/HJ/01

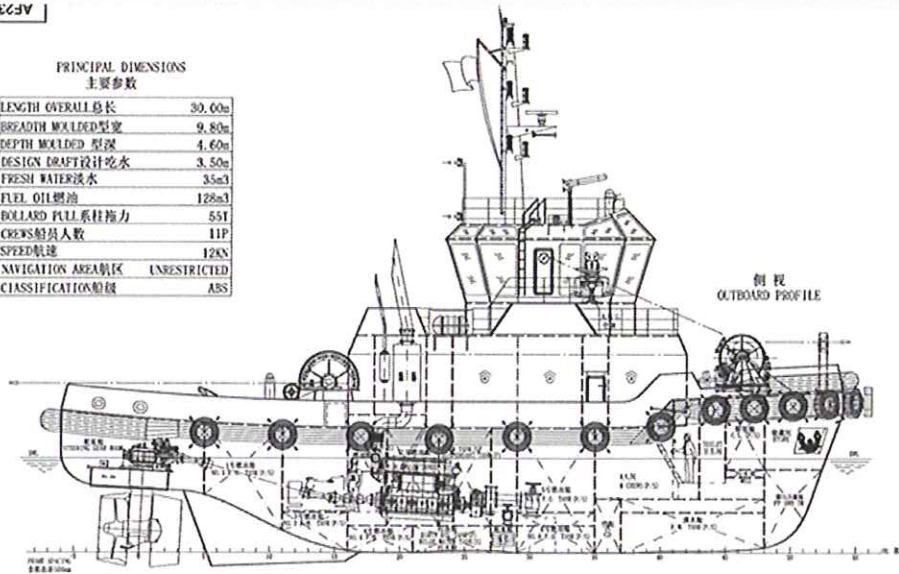
Rev.1

Date: 02/JUL/2013

AF2301-10

### PRINCIPAL DIMENSIONS 主要参数

|                    |                   |
|--------------------|-------------------|
| LENGTH OVERALL 总长  | 30.60m            |
| BREADTH MOULDED 型宽 | 9.80m             |
| DEPTH MOULDED 型深   | 4.60m             |
| DESIGN DRAFT 设计吃水  | 3.50m             |
| FRESH WATER 淡水     | 35m <sup>3</sup>  |
| FUEL OIL 燃油        | 128m <sup>3</sup> |
| BOLLARD PULL 系柱拖力  | 55T               |
| CREWS 船员人数         | 11P               |
| SPEED 航速           | 12KN              |
| NAVIGATION AREA 航区 | UNRESTRICTED      |
| CLASSIFICATION 船级  | ABS               |



### Builder: Yuexin Ocean Engineering Co., Ltd.

|                |                                   |
|----------------|-----------------------------------|
| Hull No.       | YX3181                            |
| Designer       | Asia Flag Marine Technic Co., Ltd |
| Classification | ABS                               |
|                | A1 (E), Towing Vessel AMS         |
|                | Unrestricted Service              |
| Speed          | 12 Knots                          |
| Bollard Pull   | Approx 55T Ahead                  |
|                | Approx 50T Astern                 |

### Machinery

|                  |                             |
|------------------|-----------------------------|
| Main Engine      | 2 X Niigata 6L28HX          |
|                  | 2200BHP@750RPM              |
| Shafting system  | 2 X Niigata                 |
| Generator        | 2 X Cummins                 |
|                  | 96kW                        |
| Rudder Propeller | 2 X Niigata ZP-31           |
|                  | FPP                         |
| Various Pumps    | Azcue                       |
| Air Compressor   | 2 X Deno L2-15              |
|                  | 15M <sup>3</sup> /Hrs@30bar |

### Main Particulars

|                  |                   |
|------------------|-------------------|
| Lengh Overall    | 30m               |
| Breadth moulded  | 9.8m              |
| Depth moulded    | 4.6m              |
| Draft Design     | 3.5m              |
| Complement       | 11men             |
| Fresh water      | 43m <sup>3</sup>  |
| Fuel Oil         | 144m <sup>3</sup> |
| Lub. Oil         | 4m <sup>3</sup>   |
| Dirty oil tank   | 5m <sup>3</sup>   |
| Bilge water tank | 5m <sup>3</sup>   |

### Deck Machinery

|                  |                             |
|------------------|-----------------------------|
| Fwd Winch/       | 15T at 10M/Min              |
| Windlass         | 125T BH, ME Singapore       |
| Aft Towing Winch | ME Singapore, 10T X 15M/MIN |
| Capstan          | ME Singapore, 5T X 10M/Min  |

### Radio & Navigation Equipment(A1+A2)

|                 |                    |
|-----------------|--------------------|
| Radars          | 1 X Furuno FR-1942 |
| AIS             | 1 X Furuno FA-150  |
| Autopilot       | 1 X Anschutz NP60  |
| Echo Sounder    | 1 X Furuno FE-700  |
| GPS             | 1 X Furuno GP-150  |
| EPIRB           | 1 X McMurdo E5     |
| Navtex Receiver | 1 X Furuno NX-700B |

### Others

|                 |          |
|-----------------|----------|
| External Fi-Fi  | Half FIF |
| Main Swithboard | MCA      |