



MICLYN VENTURE

45M / 70TBP / AHT

PRINCIPAL PARTICULARS

| | |
|-----------------|---|
| Year Built | 2008 |
| Place Built | Rushan City Shipbuilding, China |
| Design | Conan Wu |
| Flag | Port Kelang, Malaysia |
| Length Overall | 45.00 m |
| Length BP | 43.50 m |
| Breadth Moulded | 12.60 m |
| Depth Moulded | 5.30 m |
| Draft (max) | 4.50 m |
| Freeboard (SLL) | 0.80 m |
| Class | BV |
| Notation | 1 x Hull x Mach, Tug: Special Service - Anchor Handling Vessel, Unrestricted Navigation |
| GRT/ NRT | 874.00 T / 262.00 T |
| Deadweight | 593.00 T |
| Bollard Pull | 69.55 T |

DECK PARTICULARS

| | |
|--------------------|-----------------------|
| Clear Deck Area | 200.00 m ² |
| Deck Carrying Load | 100.00 T |
| Deck Strength | 5.00 T/m ² |

PERFORMANCE

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|----------------|-----------------------|
| Maximum Speed | 12 Knots @ 14 T/24hrs |
| Economic Speed | 9 Knots @ 11 T/24hrs |

PROPULSION SYSTEM

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|----------------------|--|
| Main Engines | 2 x Niigata 6MG28HX, 2500 BHP, 1823 kW @ 750 RPM, Total 5000 BHP |
| Auxiliary Engines | 3 x Cummins KTA 19, 300 kW @ 1500 RPM |
| Emergency Generator | Cummins 6BT5.9, 91 kW @ 1500 RPM |
| Bow Thruster | Kamome TCB70, 6.8 T Thrust |
| Propellers | 2 x Fixed Pitch Propellers |
| Steering Gear System | 2 x Electro-Hydraulic with Kort Nozzles |
| Rudder | 2 x Spade Rudders |

TANK CAPACITIES

| | |
|---------------|-----------------------|
| Fuel Oil | 486.00 m ³ |
| Fresh Water | 266.80 m ³ |
| Drill Water | 77.00 m ³ |
| Ballast Water | 77.50 m ³ |

CARGO DISCHARGE CAPACITIES

| | |
|------------------|-----------------------------------|
| Fuel Oil Pump | 60 m ³ /hr @ 60 m head |
| Fresh Water Pump | 60 m ³ /hr @ 60 m head |
| Drill Water Pump | Nil |
| Bilge Pump | 50 m ³ /hr @ 60 m head |



DECK EQUIPMENT

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|-------------------------|--|
| Anchors & Chain | 2 x Stockless Anchor 1160 kg each, 605 m x 34 mm (Dia) U2 Stud Link Chains |
| Tugger Winch | 2 x Electro-Hydraulic 10 T @ 15 m/min |
| Capstan | 2 x Electro-Hydraulic 5 T @ 15 m/min |
| Anchor Windlass c/w Bow | Electro-Hydraulic 24 T |

ANCHOR HANDLING & TOWING EQUIPMENT

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|-------------------------|--|
| Anchor Handling Winch | Electro-Hydraulic Double Drum Waterfall Type, Mentrade |
| Towing Winch | Plimsoll Hydraulic High Pressure Water Fall Type w/ 2 De-Clutchable Drums, Band Brake & Auto Spooler on Upper Drum |
| AH/Towing Drum Cap | 1000 m (L) x 58 mm (Dia) SWR |
| Spare Reel Drum Cap | 1000m (L) x 58 mm (Dia) SWR |
| Line Pull @ First Layer | 150 T @ 6 m/min (1st speed), 75 T @ 12 m/min (2nd speed), 12 T @ 36 m/min (3rd speed) |
| Brake Holding | 225 T @ 1st Layer |
| Towing Pin | 2 x SWL 100 T |
| Shark Jaw | SWL 200 T |
| Stern Roller | SWL 200 T, 4200 mm W x 1500 mm (Dia) |

ACCOMMODATION

| | |
|-----------|----------------------------|
| Berths | 4 x 1, 2 x 2, 4 x 4 Berths |
| Total Pax | 24 |

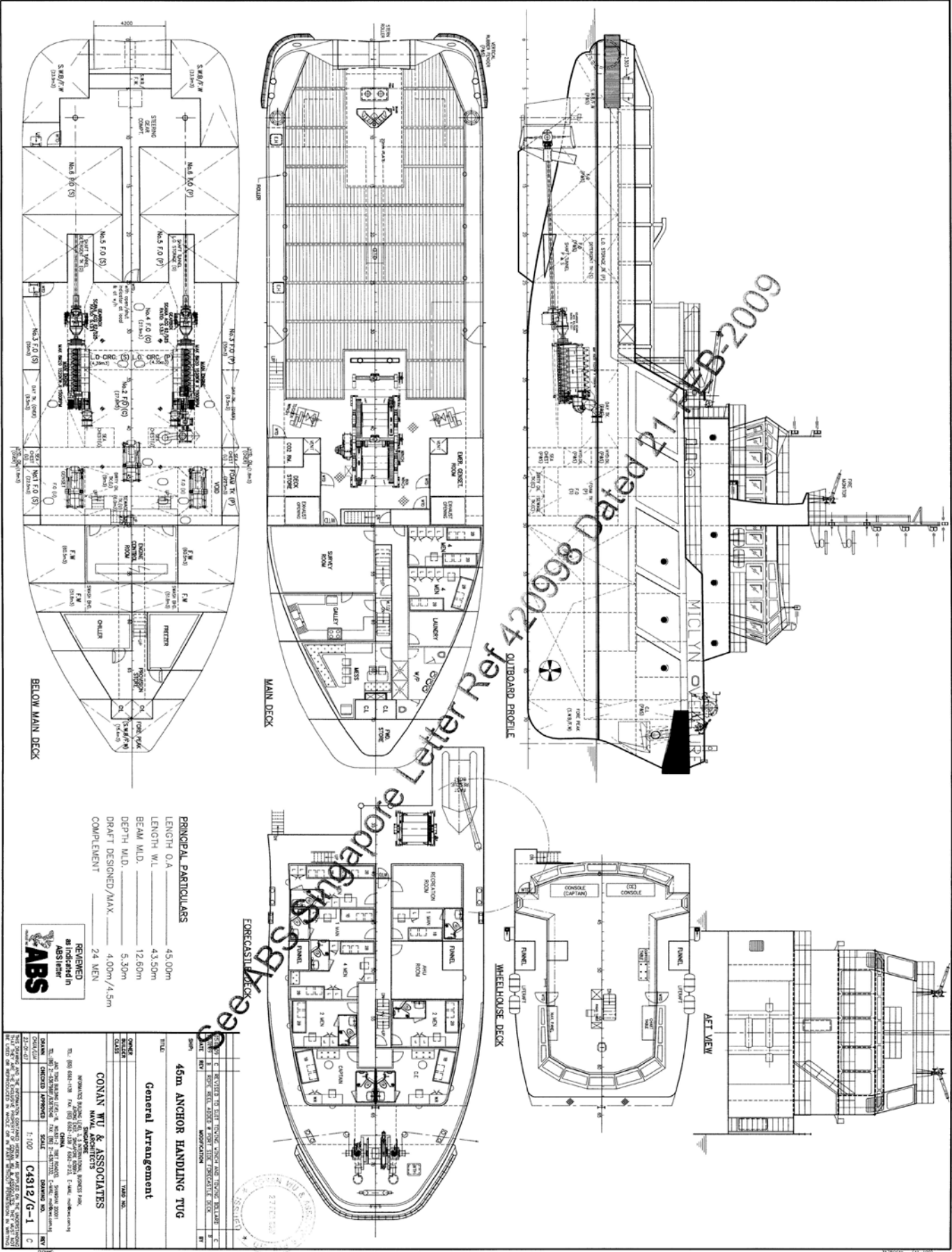
EXTERNAL FIRE-FIGHTING EQUIPMENT

| | |
|----------------|---|
| Fi-Fi Notation | 1/2 Fi-Fi System, Non-Class |
| Fi-Fi Monitors | 2 x Fi-Fi Monitors, 1200 m ³ /hr, 120 m Throw Length |
| Fi-Fi Pump | 2 x Fi-Fi Pumps, 1500 m ³ /hr |

LIFE-SAVING EQUIPMENT

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|-----------------------|---|
| Life Rafts | 2 x 25, 2 x 20 Men, SOLAS Compliant |
| Rescue Boat c/w Davit | 1 x 6 Men, 20 HP, 20 L, SOLAS Compliant |

Particulars are believed to be correct but not guaranteed. Owners reserve the rights to amend the specifications without notifications. Particulars are entirely without warranty as to correctness and interested parties must inspect vessel's certificates, drawings or physical inspection of vessel.



PRINCIPAL PARTICULARS

LENGTH O.A. 45.00m
 LENGTH W.L. 43.50m
 BEAM M.D. 12.60m
 DEPTH M.L.D. 5.30m
 DRAFT DESIGNED/MAX. 4.00m/4.5m
 COMPLEMENT 24 MEN



| | |
|-------------|-------------------------|
| SHIP NO. | 45m ANCHOR HANDLING TUG |
| TITLE | General Arrangement |
| DESIGNER | CONAN WU & ASSOCIATES |
| SCALE | 1:100 |
| DRAWING NO. | CA312/G-1 |
| REV. | C |