



# STAN TUG 3711

“KĀPENA JACK YOUNG”

Ø BUILT UNDER LICENSE FROM A PARTIAL PREFABRICATED SHIPBUILDING KIT SUPPLIED BY DAMEN TECHNICAL COOPERATION

## GENERAL

YARDNUMBER	511807
DELIVERY DATE	March 2018
BASIC FUNCTIONS	Inter-Island towing operations
CLASSIFICATION	ABS ✕ A1 Towing Vessel, ✕ AMS, ✕ ABCU, UWILD, IHM, Ⓢ US (<400GRT)
FLAG	US (<400GRT)
OWNER	Young Brothers
BUILDER	Conrad Shipyards LLC

## DIMENSIONS

LENGTH OVERALL	37.53 m
BEAM OVERALL	11.13 m
BEAM MOLDED	10.50 m
DEPTH MOLDED	4.80 m
DRAUGHT AFT	5.05 m
CARGO DECK AREA	135 m <sup>2</sup>

## TANK CAPACITIES

FUEL OIL (SERVICE)	314.9 m <sup>3</sup>
POTABLE WATER (SERVICE)	15.7 m <sup>3</sup>
SEWAGE	4.6 m <sup>3</sup>
BILGE WATER	7.7 m <sup>3</sup>
LUBRICATION OIL	7.8 m <sup>3</sup>
DIRTY OIL / SLUDGE	3.8 m <sup>3</sup>

## PERFORMANCES

BOLLARD PULL MAX	80.0 Tm
SPEED	12.5 kn

## PROPULSION SYSTEM

MAIN ENGINES	2x GE 8L250 MDC MR
TOTAL POWER	4,500kW (6,027 bhp) at 900 rpm
GEARBOXES	2x Reintjes WAF 3455 / 5.524:1
PROPULSION	2x ø3,200 mm fixed pitch wheels
NOZZLE	2x DMC ø3,230mm 'Optima-type'
RUDDER SYSTEM	Van der Velden Marine systems Fore and aft consoles in pilot house

## ELECTRICAL EQUIPMENT

MAIN GENERATORS	3x CAT C7.1 TA
GENERATOR CAPACITY	3x 147kVA, 480V at 60Hz
LIGHTING NETWORK	Single phase 110/208V at 60Hz via transformer

## DECK LAY-OUT

ANCHOR	Insert text
ANCHOR WINCH	Markey WESD-16-16-26, electric, windlass , 2 wildcats
TOWING WINCH	Markey TESD-34AUL-100HP, electric
TOW PINS / STERN ROLLER	Smith Berger Marine, flush deck, type 16T424-2HD
SHARK JAW	Smith Berger Marine, flush deck , type 200MTSJ

## SECONDARY SHIP SYSTEMS

BILGE WATER PUMPS	2x 30m <sup>3</sup> /hr at 4.3bar
FUEL OIL TRANSFER PUMP	1x 20m <sup>3</sup> /hr at 1.4bar
HEADER PUMP	1x 4.5m <sup>3</sup> /hr at 1.3bar
COOLING SYSTEM ME	Sperre Coolers AS - Rack coolers
COOLING WATER PUMPS ME	2x 380m <sup>3</sup> /hr at 2 bar
COOLING SYSTEM AUX	Sperre Coolers AS - Pleat coolers
COOLING WATER PUMPS AUX	3x 20m <sup>3</sup> /hr at 2 bar, 1x 24m <sup>3</sup> /hr at 2 bar
SEWAGE TREATMENT SYSTEM	Headhunter tidal Wave HMX 6001LP, 2.3m <sup>3</sup> /day
SEWAGE PUMP	Libelulla L1/3", 6.6m <sup>3</sup> /hr at 1.5bar
FRESH WATER HYDROPHORE	1x SIHI HBK 111, 2x resilient pump, 110ltr vessel
FRESH WATER MAKER	Aquamar 3.2m <sup>3</sup> /day

## ACCOMMODATION

Fully air-conditioned and insulated living spaces for 10 persons consisting of 6 state rooms, combined pantry/ Mess, stores and sanitary units.

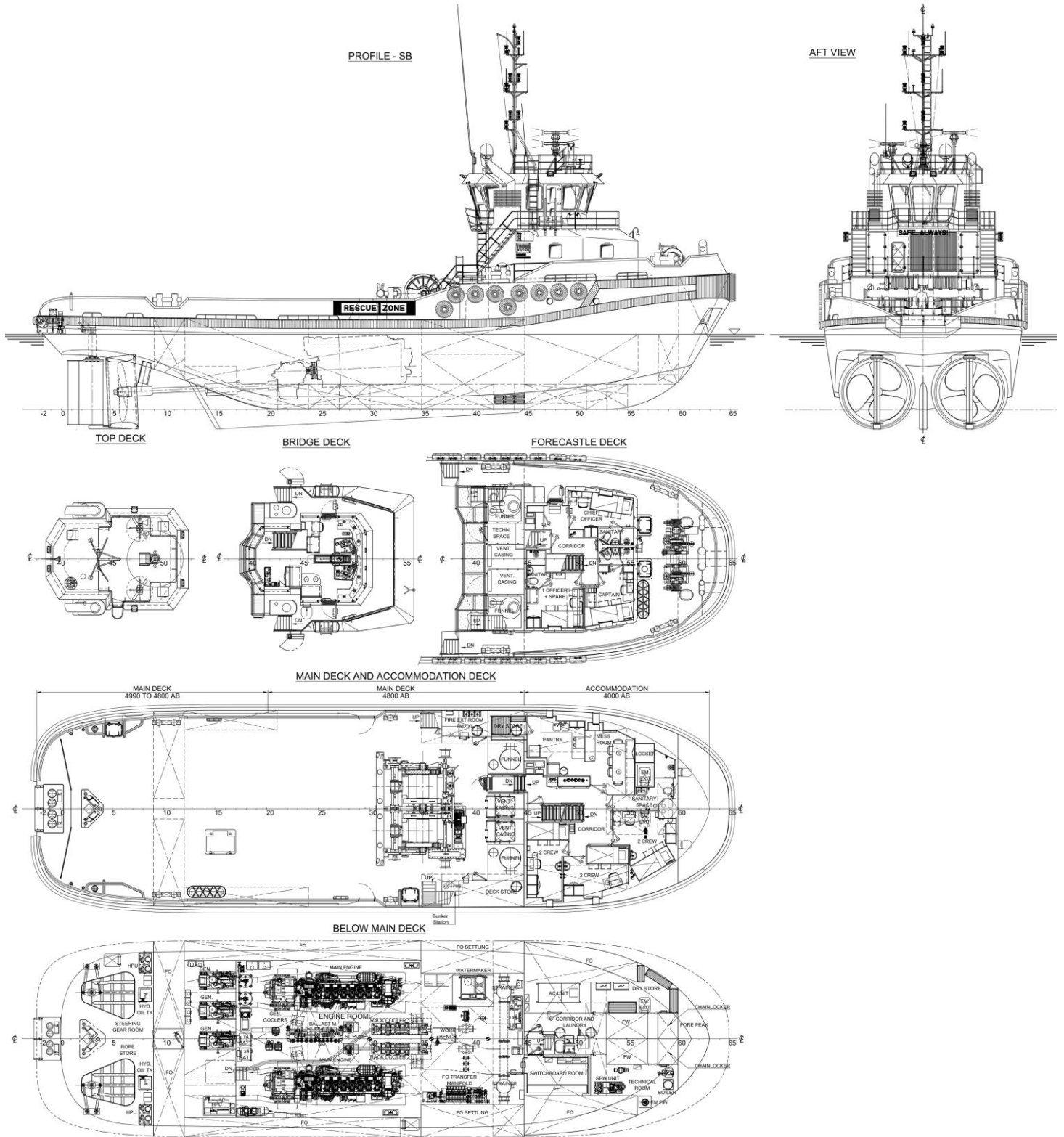
## NAUTICAL AND COMMUNICATION EQUIPMENT

SEARCH LIGHTS	3x 1,000W, remote controlled
RĀDAR SYSTEM (X-BAND)	2x Furuno FAR-2117
GPS	1x Furuno GP-170
AUTOPILOT	1x Simrad AP-70
ECHOSOUNDER	1x Furuno FE-800
SPEEDLOG	1x Furuno DS-80
VHF(DSC)	2x Thrane&Thrane Sailor 6222
VHF (hand held)	2x Jotron TRON TR-20
UHF (hand held)	4x Motorola DP4401 Ex
SSB	1x Furuno FS-1575
NAVTEX	1x Furuno NX-700A
INMARSAT C	2x Furuno FELCOM-18
AIS	1x Furuno FA-170
EPIRB	1x Jotron Tron-60S
SART	1x Jotron Tronsart 20
V-SAT	1X KvH V7ip

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