



# CARTAGONOVA

## Tugboat

### General Information

Port of Registration	Ciudad Del Carmen Campeche
Call Sign	XCGG
Year of Construction	1984
Class Notation	Germanisher Lloyd´s
IMO No.	8305078
Flag	Mexican
Shipowner	Servicios Marítimos de Campeche, S.A. de C.V.
Type of Ship and service	Tugboat/ Supplier/ Rolling and stowing of anchors

### DIMENSIONS

Total Length	60 m
Length between Perpendiculars	53,80 m
Beam	12,80 m
Molded Depth	5,40 m
Draft	4,60 m
Freeboard	8,13 m

### LOAD CAPACITIES

Free Deck Area	330 m <sup>2</sup>
Deck Strength	5 t/m <sup>2</sup>
Fuel	670,1 t
Lubricants	37,62 t
Potable water	124,1 t
Ballast	413.1 t

### TONNAGE

Gross Tonnage	1047 t
Net Tonnage	314 t
Dead Weight	1250 t

### PERFORMANCE

Max. Speed / Consumption	15.0 knots at 15.0 t / 24 hrs.
Cruising Speed / Consumption	12.0 knots at 12.0 t / 24 hrs.

### PROPULSION

Main Engines	2 x Deutz Engines SBV16M-628 DE 4000BHP each
Propellers	2 x Main 800 H/4 Controllable Pitch Propellers
Brand	J.W. Berg
Diameter/ Power	2700 mm / 4000 cv
Bow thruster	Eimer, npv 14 - type, rpm: 1485, power: 600cv, thrust: 7000 t
Aux. generator	Scania, type:DS1, power: 340cv
Port generator	Pegaso-guascor, power: 120 cv

### HOUSING

Guest Beds	23
Offices	2

### DECK EQUIPMENT

Tug winch	EIMAR-WEIR, REF: 1.670-G
Type	Water Fall
Capacity	150 t
Anchors	2 x 1.290 t
Steel Cables Type:	Eagle, Diam.: 2 5/8" Length: 1100 mts.

### NAVIGATION AID

Hydraulic steering system	Marca: TDZ, Tipo: BHP3-34, No. Serie: 7935
STBD. Radar	Furuno, Serie: 4364-0817
PT. Radar	Furuno, Serie: 3379-4712
VHF Transmitter Receiver Radio	ICOM, serie: 0116143, Mod: ic-m502a ICOM, Serie: 0116202, Mod: ic-m502a Furuno, Serie: 2597-2233, Mod: fm-8500
Sideband Radio	Furuno, Tipo: bf-2571c, No. Serie: 003744
GPS 1	Furuno, Tipo:gp-90, Serie: 4400-2758
Helm Angle Indicator	Hecho en España, Tipo: Analógico, Rango: 0-40 BR y ER
Echosounder	Furuno, Tipo: cv-5821, Serie: 8835-5504
VHF DSC Navtex	Furuno, Tipo:fm-8500 Sait, Tipo:xh5123, Serie: 2b513073
AIS	Furuno, Tipo: fa-100, Serie: 3539-8432

### RESCUE EQUIPMENT

Rescue boats	ZODIAC RIBO 420, Serial No.: 20416, Type: Semi-rigid inflatable, Cap.: 6 pers.
Life Raft	VIKING, Quantity: 4 rafts, 16 people each
Lifevest	24 pcs.,Type: 1PDF offshore life jacket, model: S225 RT, color: International Orange
Lifesavers	Quantity: 9, Mod: WS25 and WS40 marsan, color: International Orange, Weight: 2.5 kgs

### SAFETY EQUIPMENT

Orfeo portable extinguishers	2 Pcs., Type: DCP, Weight: 9 kgs.
Sentry portable extinguishers	14 Pcs., Type: CO2, Weight: 9.1 kgs.
Orfeo portable extinguishers	1 Pc., Type: DCP, Weight: 22 kgs.