

General Technical Specifications.

ENVIRONMENT	Sea State 4	Hs 2,5
	Wind speed	7,7 m/s up to 20 m/s
	Wave frequency	0,18 to 0,55 Hz
	Ambient temperature	-20°C ...45°C
	Storage temperature	-20°C ...45°C
	Humidity	to 95%
	Estimated life time	10 years
SAFETY	Education and training	Simulator and onsite (one day)
	Controls	failsafe two hands operation
	Redundancy	full
CLASS	Back home emergency	by any malfunction
	W2W guidance	DNV-GL ST-358
TRANSFER	Max persons	6 persons@18 m to 4 persons@24m
	Basket/platform	Multi-function with approach sensors
	Height max	20 meter
	Outreach	24 meter
	Below deck	6 meter
LIFTING UNMANNED	Turret rotation	2x200 degrees
	Cargo lift mean boom	2000 kg @ 18 meter
LIFTING MANNED (1)	Cargo under basket	1000 kg @ 24meter
	Cargo lift mean boom	1200 kg @ 18 meter
FIRE FIGHTING RESCUE	Cargo under basket	500 kg @ 24meter
	8 Beaufort	20 m/s One man operation open
FPSO	Passenger transfer	Pending on request
HYDRAULIC	installed Power	2 x 75 kW pressure pumps
	E supply	400V/60Hz stabilized
EMERGENCY CONTROLS	Back-up system	accumulators
	Human Machine Interface	Fully with logging
	Double hands	Dead man button
OPTS FULLY ACTIVE PENDING ON LOCATION AND RAO OF VESSEL	Full motion compensated	DP 2 required
	Compensation	2.5 by 6 sec
	Roll	± 6°
	Pitch	± 6°
	Yaw	± 6°
WEIGHT APP	Surge	1,0
	Sway	1,0
	Accuracy of approach	10 cm
	Speed	0,5 m/sec < 60 sec one cycle>
	Weight gross	15 ton by mobile version 10 ton by fixed version
DIMENSIONS	Transport mode	40' x 10' x 8' HQ container
	Footprint deck	8'x 12' (2440mmx3600mm)
VESSEL	Requirements	DP 2
	RAO info	Feasibility plot required