



## LIST OF MAIN COMPONENTS

FOR

### Kystforskningsfartøy

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04					
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01	09.12.2016	PEMA	GTR	PEMA	First issue
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Document revision list	
Rev	Description of changes
01	First issue
02	
03	
04	
05	

SFI no.	SFI Item	Description	Performance/Capacity	Weight [kg]	No. Of	Comment
331	Rotating cranes w/crane pillars	Main deck crane	Outreach: 13.7 m, Lifting moment: 30.6 tm		3 800	1
333	Travelling traverse cranes w/rails	Telescopic CTD crane, overhead	Outreach: 8 m, SWL: 0.8 t		1 500	1
401	Rudder w/welded parts	High-efficiency flap rudder	Torque: 79 kNm		6 500	1
403	Steering gear/columns	Hydraulic steering gear			1 200	1
404	Side thrusters	Tunnel thruster stern	155 kW			1
404	Side thrusters	Tunnel thruster bow	200 kW			1
408	Dynamic positioning systems	Dynamic positioning system	DP1			1
408	Dynamic positioning systems	Acoustic positioning system				1
408	Dynamic positioning systems	Motion reference unit				1
408	Dynamic positioning systems	Heading, attitude and positioning sensor				1
411	Radar plants	Radar	X-band			1
411	Radar plants	Bridge alarm	Compliant with IMO Resolution MSC.128(75)			1
412	Decca, loran, omega, etc.	GPS				1
412	Decca, loran, omega, etc.	AIS	Class A			1
413	Gyro plants, autopilots, compasses	GPS Compass	IMO MSC.116(73) type approved			1
413	Gyro plants, autopilots, compasses	Gyro Compass				1
413	Gyro plants, autopilots, compasses	Auto Pilot				1
414	Underwater searching equipment	Doppler Log	1 MHz			1
414	Underwater searching equipment	Current Log	244 kHz, 3 beams, bottom track to 350 m, current track to 220 m in three layers			1
414	Underwater searching equipment	Navigational Echo Sounder	Dual frequency, 500/200 kHz, 200 m range			1
414	Underwater searching equipment	Echo Sounder	15-200 kHz, 10-2700 pulse/min, 3000 m range			1
414	Underwater searching equipment	Echo Sounder	100 kHz, up to 800 pulse/min, 800 m range			1
414	Underwater searching equipment	Multi Beam Echo Sounder	80 kHz, range 500 m+, 112 beams over 120°			1
417	Clocks, fax, misc. nautical equipment	Chart plotter				1
417	Clocks, fax, misc. nautical equipment	PC Based Chart plotter				1
431	Anchors w/chains & equipment	Stockless bower anchor	Mass: 1125 kg, EN: 285 j			2
432	Windlasses w/chain stoppers, rollers	Chain stopper				2
433	Comb. windlass/mooring winches	Anchor winch			2 750	2
434	Capstans, warping & mooring winches	Capstan	Pulling force: 50 kN			2
438	Hydraulic system for anchoring, mooring	Common hydraulic HPU	100 l/min, 300 bar, 58 kW		500	1
464	Trawling equipment	Bottom trawl				1
464	Trawling equipment	Pelagic trawl				1
464	Trawling equipment	Trawl winches	SWL: 6 t, Wire diameter: 14 mm, Wire length: 2000 m			2
464	Trawling equipment	Trawl drum				1
464	Trawling equipment	Trawl gallow/A-frame	SWL: 6 t, Clearance: 6 m, Outreach: 3 m, Inreach: 2 m			1
484	Laboratory equipment	CTD				1
484	Laboratory equipment	Watersampler system (rosette)	12x5 l bottles			1
484	Laboratory equipment	Vacuum pump for dry lab, wet lab and CTD hangar	-0.5 bar			1
484	Laboratory equipment	Pressurized air for dry lab, wet lab and CTD hangar	8 bar			1
488	Seismic equipment	Multi-purpose winch below deck	SWL: 2500 kg, wire length: 2000 m, wire diameter: 12 mm		1 500	1
488	Seismic equipment	Co-axial cable winch below deck	SWL: 1500 kg, cable length: 1000 m, cable diameter: 12 mm		1 150	1
501	Lifeboats w/equipment	Workboat/MOB boat	Length: 6.1 m, Power: 60 hp outboard engine			1
501	Lifeboats w/equipment	MOB boat davit				1
502	Life rafts w/equipment	Life rafts	Capacity: 2x15 + 25 persons			3
503	Lifesaving, safety & emergency equipment	Survival suits				40
503	Lifesaving, safety & emergency equipment	Life jackets				40
601	Diesel engines	Main engine	Power: 1400 kW			1
625	El. generator/el. motor plants	Auxiliary engines	Power: 200 kW			2
634	CP propeller plants incl. nozzles	Propeller and nozzle	Diameter: 2.5 m			1
871	Main switchboards	Main switchboard	440 V main voltage, 230 V distribution voltage			1