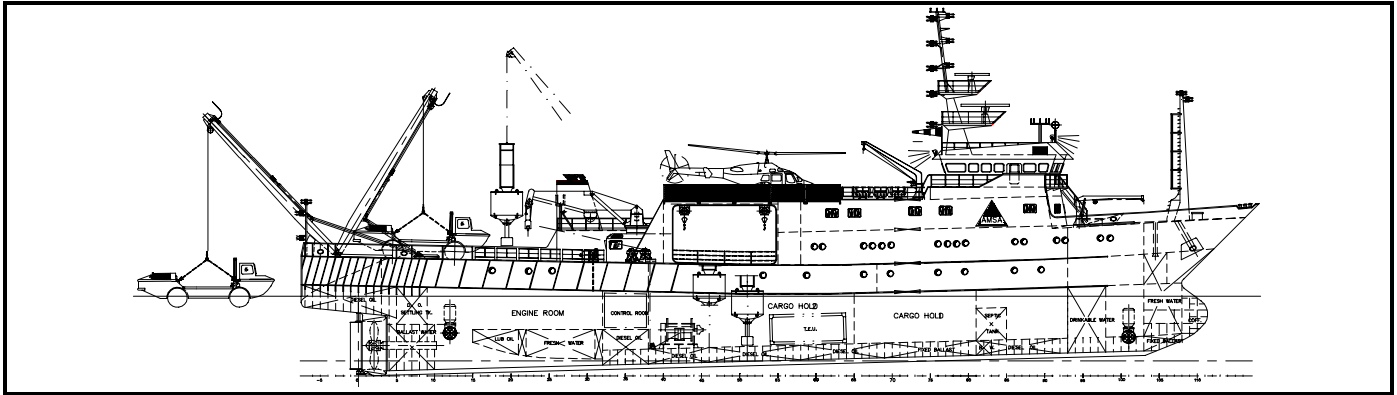
 FACTORIAS VULCANO, S.A.		RESEARCH VESSEL FILING CARD		Old Refer.: <input type="text"/>	
		Name: CAPE GRAFTON		Owner / Broker: Australian Maritime Safety Authority (AMSA)	
Cargo Capacity: 1152 DWT		Country: AUSTRALIA		Filing Card	Date 24.11.99 Rev. 2
REFERENCE CBV0408	VOC	Type: OCEANOGRAPHIC RESEARCH & BUOY VESSEL		Built date: 1994	Page: 1



Survey: L.R.	Classed: 0 100 A1 + LMC + UMS	Ice: Ice Class 1A
---------------------	--------------------------------------	--------------------------

MAIN PARTICULARS (m)		TONNAGES (Tons)		CAPACITIES (m3)		OUTPUT / SPEED / RANGE	
Length Overall	75,40	GT (IMO 69)	2065	Hold Grain	1362	Output (KW)	2 x 800
Length B. Perp.	65,00	TRB (IMO 67)	0	Hold (TEU)	3	% MCR - % Sea	100% ---
Breadth mould.	12,50	DWT (d. Sum.)	1152	Heavy Fuel	0	Speed trial (KN) // Draft	12,64/ 5,3-3,85
Depth mould.	7,70	DWT (d. Set.)	0	Diesel Oil	475	% MCR - % Sea	
Summer draught	5,27	Displacement	2901	Lub Oil	7	Speed trial (KN) // Draft	
Scantling draught	5,97	Lightweight	1749	Fresh Water	221	Range (nm)	14000
Crew - Scientific	33 - 14	TPC/I	8	Ballast Water	15	Consumption t/day (F/D)	

SPECIAL INSTALLATIONS	GEODETIC EQUIPMENT	DECK MACHINERY
Splash W.T. fire sliding door driven from wheelhouse.	<input checked="" type="checkbox"/> Lightweight EDM	<input checked="" type="checkbox"/> Winch Hydrographic 15 tons (50m/min). 20mm.d.
Helicopter landing zone suitable for a BELL 412.	<input checked="" type="checkbox"/> Theodolite 2 and 10 sec	<input checked="" type="checkbox"/> Winch Storing unit 10.000 m. 20 mm.diameter.
"A" Frame with ramp in aft for recovery the amphibious vehicle.	<input checked="" type="checkbox"/> Auto Level with Micrometer	<input checked="" type="checkbox"/> Crane Buoys 13,2 tons x 14 m.
Crane and windlass for recovery buoys and chain.	<input checked="" type="checkbox"/> Invar Rods	<input checked="" type="checkbox"/> "A"Frame Aft: pull 15 tons. (10 m./min.)
Winches to obtain deep water marine samples (10.000 mts.).	<input checked="" type="checkbox"/> Dual Frequency GPS Receiver	<input checked="" type="checkbox"/> Windlass 2 Anchor Winches, pull 10 tons.(10 m/min
Ready to transport enclosed boats for scientifics relay in Antartide.	<input checked="" type="checkbox"/> Dual Frequency Antennas	<input checked="" type="checkbox"/> Windlass 1 Buoys Anchor, pull 10,6 tons.(17 m/min
Spare accommodation for 14 scientifics.	<input checked="" type="checkbox"/> Geodeti/Rapid Static SW	<input checked="" type="checkbox"/> Capstan 2 driven Capstan, pull 6 tons.(12 m/min
Chemistry, Geology and Photography laboratories.	<input checked="" type="checkbox"/> Note Book PC	<input checked="" type="checkbox"/> Crane 1 Store Crane 1.5 tons x 5 m.
Hold for scientific samples.	<input checked="" type="checkbox"/> UHF Transceiver	<input checked="" type="checkbox"/> Gantry 2 Transverse to launch workboat, 4 tons.
	<input checked="" type="checkbox"/> Desktop PC	<input checked="" type="checkbox"/> All deck machinery is Hydraulic

MACHINERY AND AUX ENGINES			AUXILIARY EQUIPMENT	
Engine (Desing / Type)	INDAR	NA-500-L/8	AMPHIBIOUS BOAT:	
Output (KW) / r.p.m.	2 x 800	1200	Length overall	10,67 m.
Gear Box (Desing / Type)	BALIÑO-VALMET	M2HA/1070	Width overall	3,05 m.
Reduction / Par	6,8:1	0	Height max.	3,10 m.
Propeller (Desing / Type)	(1) BALIÑO-KAMEWA	CONTROL.	Max. Load	0,25 m.
Blades Ø / r.p.m.	3800	110	Land speed	48 km/h.
Bowthruster (Ø / Kw)	(2) Aft&For. KAMEWA	. 1100/250	Water speed	16 km/h.
Aux.Dies.Eng.(Desing.-KW/Typ)	(3) CATERPILLAR 920	3516	Cargo (max.)	3556 kg.
Alternator (Desing.-KW/ rpm)	(3) CATERPILLAR 910	1000	Main engine:	CUMMINS (V8-300)
Aux.Dies.Eng.(Desing.-KW/Typ)	0	0	Fuel oil	545 lts.
Alternator (Desing.-KW/ rpm)	0	0	Crane:	1,5 tons. x 5 m.
Shaft Alter. (Desing.-KW/ rpm)	0	0	WORKBOAT:	
	0	0	Dimensions (LOxB):	7,0 x 2,25 m.
Harbour/Emer.(Desing.-KW/Typ)	(1) CATERPILLAR	3406B	ENCLOSED SURVIVAL CRAFT (for Antarctic work)	
Alternator (Desing.-KW/ rpm)	(1) CATERPILLAR 240	1500	Dimensions (LOxBxH):	7,46x2,9x2,96 m.
			Nº of persons	48 pers.
Fecha: 25 - 11 - 98			Formato: V - 061	Revisión: 0