



220 PAX Expedition Cruise

General:	Contract design developed for Damen Shipyard and shipowner SeaDream Yacht Club. The vessel is an ultra-luxury high-end expedition cruise vessel designed for worldwide operation. The design includes features such as helicopter hangar and tender garage for storage of Zodiacs, Jet skis and more.		
Main Particulars:	Length overall, approx.		155.10 m
	Length p.p		149.20 m
	Breadth, moulded		21.40 m
	Draught to free board deck		7.60 m
	Draught (design)		5.15 m
	Deadweight approx.		1,650 t
Capacity:	No. of Passengers		220 pax
	No. of crew		182 pers
Speed:	Design:		14.00 kn
Machinery and Equipment:	Diesel Generators	2 x Bergen C2533 L6A + 2 x Bergen C2533 L8A kW	
	Installed power		8,960 kW
	Podded propulsion	2 x Rolls-Royce	3,200 kW
Miscellaneous:	Classification		DNV GL
	Flag		Norway
Scope of Work:	Contract design including development of: <ul style="list-style-type: none"> - General Arrangement - Intact- and Damage Stability Assessment - Hullform Development and Lines Plan - Lightweight Calculation - Speed & Power Prediction - Principal Midship Section - Engine Room and Machinery Arrangement - Electrical Load Balance 		
Ref. No.:	KEH 18034.02		