

APPENDIX XII

MOANA WAVE vs UH Mid-Pacific SWATH

Design	Monohull	Tandem Strut SWATH/SLICE
Length	210 ft.	~200 ft.
Beam	36 ft.	90-104 ft.
Pontoons/Pods	N.A.	~25 ft. wide
Draft	15 ft.	<24 ft.
Displacement	2420 tons	~3000 tons
Sci. Payload	80/50 tons	150/50 tons
Crew	13	16
Science Staff	19	25
Speed	11 knots	15+ knots
Range	14,000 nm	10,000 nm
Endurance	50 days	50 days
Lab Space	1,836 sq.ft	>2,500 sq.ft
Deck space	1,400 sq.ft	>5,000 sq.ft
Moon Pool	None	None
Ice Strength.	None	None