R/V KILO MOANA

TYPE
SMALL WATER AREA TWIN HULL
(SWATH)

BUILT
2002 BY LOCKHEED-MARTIN

OPERATOR
UNIVERSITY OF HAWAII

LENGTH OVERALL
189 FT.

BEAM
88 FT.

FREEBOARD
50 FT.

DRAFT (DESIGN)
25 FT.

DRAFT SUMMER LOAD LINE
26’ 3-3/4”

AIR DRAFT
88.5 FT (at 23 FT DRAFT)

DISPLACEMENT
2500 LT

PROPULSION
4 - 910KW CATERPILLAR GEN SETS
2 - 1.5MW, 150 RPM TECO-WESTINGHOUSE
DC MAIN PROP MOTORS

DRIVE
SCR DIESEL ELECTRIC, 3 MW

PROPELLERS
2 - FIXED PITCH, 5 BLADE, 11 FT DIA.
INBOARD TURNING, 150 RPM

RUDDERS
2 - 100 SQFT, LOCATED AFT OF PROPS

CONTROL
NORCONTROL DATA CHIEF 2000

BOW THRUSTER
40” ELLIOTT WHITE GILL
Type 40T3 MkIII, STARBOARD HULL
VARIABLE SPEED, 360 DIRECTIONAL
WATER JET TYPE, ELECTRIC DRIVE

MAX SPEED
14.5 KNOTS

ENDURANCE
10,000 NM AT 11 KTS
R/V KILO MOANA SAFETY MANAGEMENT MANUAL

<table>
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<th>REVISION NO.</th>
<th>PROCEDURE:</th>
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<td>R. SCHULTZ</td>
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<td>MCQG-2.1-6-F1</td>
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<td>APPROVED BY:</td>
<td>G. DREWRY</td>
<td>10-2-02</td>
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<td>FUEL</td>
<td>122,864 GAL DIESEL</td>
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<td>POTABLE WATER</td>
<td>8, 116 GAL</td>
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