

CONDITION AND VALUATION SURVEY  
TWIN SCREW MOTOR YACHT AREQUIPA  
REPORT NO: 081701

This is to certify that the undersigned surveyor at the request of Art Lohrey, Friday Harbor, WA inspected the TSMY AREQUIPA while out of the water and located at Port Townsend, WA in June 2001 and while in the water and located at Shipyard Cove Marina, Friday Harbor, WA on 17 August 2001 in order to determine the general condition and ascertain a fair market value for insurance purposes.

This report has been issued without prejudice. The examination was made as thoroughly as was practical and in good faith; however this inspection was made without making removals, or opening up to expose parts ordinarily concealed, or testing for tightness, or trying out machinery, and is subject to any conditions which would have been revealed if such procedures had been accomplished. This inspection has been completed using American Boat and Yacht Council and United States Coast Guard Regulations and Recommendations as guidelines. No liability shall be assigned to the undersigned due to error of judgment, default, or negligence, omissions, misrepresentation or misstatement in any report of certificate.

NAME OF VESSEL: AREQUIPA (ex: MOGUL) TYPE: Classic Custom Motor Yacht

OFFICIAL NUMBER 228404 HULL ID: 228404

HOME PORT: San Francisco CA LENGTH OVERALL 64.7 Feet

OWNER: Arthur Lohrey REG. LENGTH: 61.1 Feet

1013 Golf Course Road BEAM: 14 Feet

Friday Harbor WA 98250 DRAFT: 4.3 Feet/Depth: 5.9 Feet

TONNAGE: 80,000 lbs

DESIGNER: Madden & Lewis BUILDER: Madden & Lewis

YEAR BUILT: 1927 WHERE: Sausalito CA

SURVEYED AT: Out water/Port Townsend, WA - June 30, 2001; In water/Friday Harbor, WA - 17 Aug 2001

REQUESTED BY: Art Lohrey/Owner

HULL:

HULL TYPE: Displacement/power MATERIAL: Wood/Fir

THICKNESS PLATING OR PLANKING: 1 1/2"

FRAMING SIZE/MATERIAL: 2" X 2"/Oak

BULKHEADS: Four/Main LOCATION: Between Cabins & Engine Room

GUARDS: Gumwood & Bronze BILGE RAILS: Lower after guard/wood & bronze

TRANSOM: Varnished teak CAULKING: Good where tested

RUDDER PINTLE: UPPER LOWER STRUTT: Bronze

STRUTT BEARING: 1 3/4"/Bronze SHAFT LOG: Bronze

SIZE & MATERIAL SHAFT: 1 3/4"/Bronze

PROPELLER(S): Two/24D/3 blade/RH & LH

RUDDER GLAND: Bronze RUDDER STOCK: 1 3/4"/BZ; 2 7/8"BZ

ENGINE BEARERS: Wood & steel

KEEL BOLTS: Bronze KEEL: Fir & gumwood

OTHER FASTENINGS: BZ, SS, & Galv Steel RUDDERS: Three

HULL VENTILATION: Natural through vents & opening hatches

CONDITION TOPSIDES: Clean and painted white/Well maintained

CONDITION BOTTOM: Clean and painted with antifouling paint/Condition:  
>Well maintained & in good condition

HULL:

ANTIFOULING: Red semisoft paint ZINCS: New in June 2001

TYPE STEERING: Cable & chain NO: STEERING STATIONS: Two/Wheelhouse & Flybridge

THROUGH HULL FITTINGS:

<i>LOCATION:</i>	<i>SIZE</i>	<i>TYPE</i>	<i>MATERIAL</i>	<i>PIPING</i>	<i>HOSE CLAMPS</i>
Two/Engine intake	2"	Globe	Bronze	Rubber	Two
Galley sink/out	1 1/4"	Globe	Bronze	Rubber	Two
ONAN intake	1"	Globe	Bronze	Rubber	Two
Fwd head/intake	1"	Globe	Bronze	Rubber	Two
Fwd head/outlet	1 1/2"	Globe	Bronze	Rubber	Two
Sink outlet	1 1/4"	Globe	Bronze	Rubber	Two
After head/intake	1"	Globe	Bronze	Rubber	Two
After head/outlet	1 1/2"	Globe	Bronze	Rubber	Two
Sink outlet	1 1/4"	Globe	Bronze	Rubber	Two
Two/Cockpit drains	1 1/4"	Globe	Bronze	Rubber	Two

Note: >All through hull valves were serviced in Spring 2001

VESSEL NAME: AREQUIPADECK AND SUPERSTRUCTURE:

TYPE OF DECK:	<u>Oiled Teak</u>	THICKNESS:	<u>Folding signal mast</u>
BEAMS:	<u>2 3/4" X 2 3/4"/Fir; and</u>	BEAM KNEES:	<u>2 3/4"/Solid Fir</u>
	<u>2 3/4" X 1 3/4"/Fir</u>		
CARLINGS:	<u>2 3/4" X 8"/Fir</u>	STRINGERS:	<u>2" X 5 1/2"/Fir</u>
BULWARKS:	<u>None</u>	SEAMS:	<u>Thiokol/black</u>
CAPPING:	<u>Varnished teak</u>	COAMINGS:	<u>None</u>
WHEELHOUSE:	<u>Varnished teak</u>		
CABINS:	<u>Main salon and three staterooms</u>		
FLYBRIDGE:	<u>Aft and above wheelhouse with helm station &amp; engine controls</u>		
EXTERIOR FINISH:	<u>Varnished teak &amp; white paint</u>		
HATCHES:	<u>Varnished teak</u>		
WINDOWS & PORTS:	<u>Safety glass in varnished teak frames</u>		

VESSEL NAME: AREQUIPA

RIGGING

TYPE VESSEL:	<u>Motor Yacht</u>	TYPE RIGGING:	<u>Folding signal mast</u>
NUMBER MASTS:	<u>One</u>	MAST MATERIAL:	<u>Varnished Spruce</u>
BOWSPRIT:	<u>Hawser pipe</u>	BOOM:	<u>None</u>
STANDING RIGGING	<u>Stainless Steel (SS)</u>	CHAIN PLATES:	<u>Pad eyes</u>
RUNNING RIGGING:	<u>Dacron</u>	STABILIZERS:	<u>None</u>
WINCHES:	<u>Anchor winch/AEFAIB</u>		
DAVITS:	<u>Anchor &amp; dinghy</u>	CRANES:	<u>None</u>
		OTHERS:	<u>Rail gates/p &amp; s</u>
DOCK LINES:	<u>1" &amp; w 1/8"/Nylon</u>	FENDERS:	<u>Eight/Inflatable</u>
SAIL COVER(S):	<u>N/A</u>	COCKPIT COVER:	<u>Top &amp; side curtains</u>
BOAT COVER:	<u>One</u>	HATCH COVER:	<u>Foredeck</u>
OTHER CANVAS GEAR:	<u>Complete boat &amp; flybridge covers</u>		

VESSEL NAME: AREQUIPA

MACHINERY

MAIN ENGINE: Twin diesel TYPE: 6 cylinder/2 cycle  
 MAKE: DETROIT DIESEL/GM MODEL: 64-HN9 GRAY MARINE  
 HP: 2 X 210 SERIAL NO: Port/115584; Stbd/114311 YEAR: \_\_\_\_\_  
 REDUCTION GEAR: GM/2:1 RPM: 1100  
 SPEED: Not test run ENGINE HOURS: Port/814; Stbd/823- Per guages  
 AUXILIARY ENGIN Auxiliary Generator - Diesel/ONAN 7.5 KW  
 EXHAUST PIPE: Rubber & Steel LOCATION: Through transom port & stbd  
 DRY/WET EXHAUS Wet INSULATED: No SHUT-OFF VALVE: No  
 VENTILATION: Natural BLOWER: None  
 FUEL LINES: Copper & neoprene SHUT-OFF VALVES/FUEL: Yes  
 ENGINE COOLING SYSTEM: Coolant with heat exchangers  
 WATER PIPES & HOSES: Checked/Good where visible  
 SHUT OFF VALVES/THRU HULL: Yes ALARM SYSTEMS: Engine guages;  
Corrosion control system/ELECTROGUARD PROFESSIONAL MARINER  
 CONDITION OF BILGES IN ENGINE ROOM: Clean & dry

VESSEL NAME: AREQUIPA

## TANKS

FUEL TANKS:

LOCATION: Eight tanks/Engine Room - four port & starboard

CAPACITY: Approx: 800 gallons SHAPE: Custom

MATERIAL: Welded steel HOW SECURED: Wood framed

BONDED: Yes CONDITION: Good where visible

FILLING PIPES & VENTS: Through sidedecks/port & starboard

WOULD OVERFLOW RUN OVERBOARD: Yes SHUTOFF VALVES ON TANKS: Yes

LIQUID GAS TANKS Two/10 gallons each LOCATION: Foredeck locker

GAS TANKS IN SELF-DRAINING COMPARTMENT? Yes

WATER TANKS:

NUMBER: Two LOCATION: Fwd of Engines/Amidships

CAPACITY: 200 gal each SHAPE: Custom MATERIAL: Galv Steel

HOW SECURED: Wood framed SHUTOFF VALVES: Yes

CONDITION: Good where visible

HOLDING TANKS:

>Vessel fitted with Lectransan Systems



ELECTRICALPOWER SUPPLY TO MAIN ENGINE: Alternators/35 Amp - 12 vAUXILIARY POWER GENERATOR: 2 cylinder dieselMODEL: 3CR/22685 MAKE: ONAN YEAR: 1965SERIAL NUMBER: 470210513 VOLTAGE: 120 v & 12 vWATTS: 7,5 KW LOCATION: Engine Room/Aft & stbdBATTERY CHARGER FROM SHOREPOWER: Two/SILICON MOD: 1220ACD4STORAGE BATTERIES: Twelve/12 v; Six/6 v CUTOFF SWITCH: OneFUSE PANEL/SWITCHBOARD: Breakers & fuses/Engine Room - fwdAC SYSTEM: 120 v CONDITION OF WIRING: Good where visibleDC SYSTEM: 12 v CONDITION OF WIRING: Good where visibleELECTRICAL EQUIPMENT ABOARD: >Shore power cable/120 v 30 A  
>20 gallon hot water heater/118 v AC/1500 W - AMERICAN APPLIANCE CORP  
>LECTRASAN SYSTEM - MSD

ELECTRONIC EQUIPMENT:

VHF RADIO	<u>ICOM IC-M80</u>	SERIAL NO:	<u>40373</u>
OTHER RADIOS:	<u>AM/FM/Cassette - ALPINE</u>	SERIAL NO:	<u>Not visible</u>
DEPTH SOUNDER:	<u>INTERNAT'L OFFSHORE/DATAMARINE</u>	SERIAL NO:	<u>15513</u>
	<u>Flasher Fathomoeter/RAYTHEON HOL MK</u>	SERIAL NO:	<u>14426</u>
LORAN:	<u>FURUNO LC-90</u>	SERIAL NO:	<u>504-6456</u>
AUTO PILOT:	<u>WOOD FREEMAN</u>	SERIAL NO:	<u>Not visible</u>
COMPASSES:	<u>Two/KELVIN CONSTELLATION</u>	LAST CHECKED:	<u>1988</u>
HORN/WHISTLE:	<u>110 v elec &amp; handheld</u>	BELL:	<u>Bronze</u>
SEARCH LIGHT:	<u>110 v with remote</u>	INCLINOMETER:	<u>SILVA</u>
SAILING INSTRUMENTS:	<u>Knot meter/COASTAL NAVIGATOR - S/N: 014426; Hailer/CYBERNET;</u>		
	<u>Three/12 v windshield wipers; Binoculars</u>		

GALLEY AREA:

LOCATION: Fwd of Main Salon/below foredeck

EQUIPMENT: >Counter with porcelain sink/pressure hot & cold; manual pump

>Built in cooler/RANCO

>Storage in lockers and drawers

>Galley range/three burner propane with oven/SHIPMATE

HEAD(S):

LOCATION: After staterooms/port side

EQUIPMENT: >Counter with sink/pressure hot & cold

>Storage in lockers and drawers

>Built in shower stall with pressure hot & cold

>Electric marine toilets

\*\*Fwd head not in use

HEATING/FURNACE:

LOCATION: Lazarette

TYPE: Diesel furnace/hot water MAKE: HURRICANE - new 2001

REMARKS: >110 v electric baseboard heaters in cabins & salon

SAFETY EQUIPMENT

## GROUND TACKLE:

#1 ANCHOR: Danforth type CHAIN: 3/8"X300'/Galv LINE: \_\_\_\_\_#2 ANCHOR: CQR CHAIN: 3/8"X40' LINE: 5/8"X300'/Nylon#3 ANCHOR: DANFORTH 335 with chain and lineANCHOR WINCH: 110 v DC/AEFAIBLIFE BOAT: Shoreboat/9'EQUIPMENT IN BOAT: OarsLIFE RAFT: 8 person/AVON LAST CHECKED: Tag: RechargedSURVIVAL SUITS: None LIFE RINGS: TwoAPPROVED LIFE JACKETS: 12 Jackets MAN OVERBOARD BUOY: NoneFLARE GUN: OLIN KIT HEAVING LINE: YesSMOKE FLARES: Four in kit/Date: 2004 RED FLARES: Four in kit/Date:2004LIFE LINES: Rail and SS line STANCHIONS: Cast bronzePULPIT: Varnished railing all around BOAT HOOK: WoodBILGE PUMPS: Two/12 v automatic; 110 v manual switchAUTOMATIC ENGINE ROOM FIRE EXTINGUISHER Halon 1211/Tagged: 2002

SAFETY EQUIPMENT (continued)

## PORTABLE FIRE EXTINGUISHERS:

LOCATION:	TYPE:	SIZE:	INSPECTION DATE:	
Galley	Dry Chem	2 1/2 lb	GUAGE:	"FULL"
			TAG:	2002
Engine Room	Dry Chem	2 1/2 lb	GUAGE:	"FULL"
			TAG:	2002
After Stateroom	Dry Chem	2 1/2 lb	GUAGE:	"FULL"
			TAG:	2002
Lazarette	Dry Chem	2 1/2 lb	GUAGE:	"FULL"
			TAG:	2002
Engine Room	Dry Chem	2 1/2 lb	GUAGE:	"FULL"
			TAG:	2002
Engine Room	Dry Chem	2 1/2 lb	GUAGE:	"FULL"
			TAG:	2002
Salon forward	Dry Chem	2 1/2 lb	GUAGE:	"FULL"
			TAG:	2002
Wheelhouse	Dry Chem	2 1/2 lb	GUAGE:	"FULL"
			TAG:	2002

*SUMMARY*

*GENERAL DESCRIPTION & REMARKS:*

The twin diesel powered classic Motor Yacht AREQUIPA is designed and built by Madden & Lewis in Sausalito, California in 1927. The vessel is boathouse kept and at the time of inspection appeared in excellent condition.

An extensive refit during the spring of 2001 included removal of rudders, struts, shafts and propellers, and the replacement of eight bottom planks, floors and transom knee. Equipment was put back and the bottom was refinished as new. The vessel was painted and varnished from stem to stern. The refit included installation of a new furnace and boiler as well as a galvanic isolator on shore power connection. At the time of inspection, the eight person AVON liferaft was off of the vessel for servicing.

Motor Yacht AREQUIPA is in show condition and should be considered a good value and a good insurance risk.

There are no recommendations.

<i>ESTIMATED FAIR MARKET VALUE</i>	<u>\$ 350,000.00</u>
<i>ESTIMATED REPLACEMENT VALUE</i>	<u>\$ 1,000,000.00</u>

*SIGNED:*



Arne Bentzen, Marine Surveyor