

MOG LOG

05/11/94 to 07/02/94

To include preface and
post log entries which
surround the 500 mile
solar yacht trip from
Annapolis, MD to near
Wrightsville Beach, NC

This log and record are dedicated to Hillary, Alison and George IV, McNeir in the recognition that without their love such a journey would be hollow. My thanks to the support and love of George and Estelle McNeir II without whose encouragement throughout my life this journey would not have been embarked upon by me. My thanks to the following people and companies for their assistance and kind advice: N.L. Silva & Co. boat builder of MOG prototype, Graham Byrnes, Naval Architect of MOG prototype hull, Solarex Corporation, Division of Amoco for solar cells and information, ELCO (the Electric Launch Co.) motors and controllers, Sunbrella Fabrics, Sea Land waste systems, Cruiseair HVAC, Norcold refrigeration, Force 10 marine appliances, Pritchard Glass, Awlgrip, West System Epoxies, PYI/PSS shaft seals, The Quartermaster Store marine supplies and the kindness of Michael, Kathi & Brandon O'hara, Flag Harbor Yacht Club, Lamb's Marina, Holiday Inn, Solomons Island, Osprey Oaks Marina, Swan Point Marina and Wally's Restaurant of Wrightsville Beach, NC.

A FEW FACTS:

1. 512.05 TOTAL MILES
2. 177 HOURS : 12 MINUTES
3. 73% DAYTIME OVERCAST FOR ENTIRE TRIP
4. 87% AGAINST SSE TO SSW WINDS FROM 5 TO 25 KNOTS AND GUSTS TO 40 KNOTS.
5. 65% AGAINST TIDES OF .2 TO 2 KNOTS
6. 2 COMPASS CROSSINGS; POTOMAC RIVER AND MOBJACK BAY
7. HEAVIEST WAVES ENCOUNTERED 4 TO 5 FEET IN CHESAPEAKE BAY AND 3 FEET IN NEUSE RIVER CROSSING.
8. HIGHEST SPEED ABOUT 6 KNOTS AND LOWEST FORWARD SPEED 2 KNOTS, NEVER AT A STAND STILL.
9. LONGEST DAILY RUN 41.5 MILES. AVERAGE DAILY RUN 25 MILES.
10. AVERAGE FORWARD SPEED UNDER ADVERSE CONDITIONS ABOUT 3 MPH.
11. COMFORT LEVEL - THE LAP OF LUXURY. SHOWER, HEAD, QUEEN BED, SCREENED BREEZES, COLD WINE AND GOOD FOOD ABOARD..
12. FUEL COST -- ZERO -- !! MAINTENANCE COST -- ZERO -- !! ALL ENERGY FROM THE SUN.