

**DECK LOG OF SEA SCOUT TRAINING VESSEL KUAN YIN IN THE BERMUDA OCEAN RACE 2004
ON PASSAGE FROM ANNAPOLIS, MD, USA TO ST. GEORGE'S, BRITISH OVERSEAS TERRITORY OF BERMUDA AND RETURN**

DAY	DATE 2004	TIME	N LAT	W LON	CUS M TRACK	SOG KTS	REMARKS	BARO MB	HOUSE VOLTS DC	FURUNO LOG NM	ENGINE DATA		
											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
1	FRI 06/11	0000					LYING TO STARBOARD 45# PLOW ANCHOR WITH 90 FEET OF CHAIN IN 26 FEET OF WATER SOUTH OF USNA SEA WALL, ANNAPOLIS, MD. CREW SAME AS BEFORE: GEORGE HAY KAIN, III - SKIPPER, JAMES CARL LONG, DREW KENNETH BRENNEMAN - BOAT CAPTAIN, CARL MARTIN CHINDBLOM, PHILIP VALENTINO ACCARDO, BRYON THOMAS LONG. SUPERNUMERIES: SHARON STABLEY - PHOTOGRAPHER FOR YORK DISPATCH NEWSPAPER, KYLE BRENNEMAN, AND ERIC LONG.			449.0			
1	FRI 06/11	0800					REVEILLE.						
1	FRI 06/11	0810					RAISE ANCHOR AND MOTOR TO ANNAPOLIS CITY MARINA.						
1	FRI 06/11	0826					FILL DIESEL TANKS AND PUMP SEWAGE. TOTAL \$16.14 DIESEL AND \$5.00 SEWAGE = \$21.95.						
1	FRI 06/11	0900					RETURN TO ANCHORAGE OFF USNA SEA WALL. ANCHOR TO 45# PLOW WITH 90 FEET CHAIN.					0.4	
1	FRI 06/11	1030					SSTV WINDRESS, BRIAN JOHNSON, COMES ALONGSIDE. DISEMBARK YORK DISPATCH PHOTOGRAPHER SHARON STABLEY, ERIC LONG, AND KYLE BRENNEMAN. ALSO OFFLOAD ALL SPARE GEAR AND TOOLS.						
1	FRI 06/11	1157					FINAL CREW MEMBERS STEPHEN DERBY ALEXANDER AND JOHN ALAN DAWSON ARRIVE BY WATER TAXI.						
1	FRI 06/11	1215					RAISE ANCHOR AND MOTOR TO PARADE FORMATION AREA OFF EASTPORT YACHT CLUB.						
1	FRI 06/11	1300					PASS BY CITY DOCK HEAD AND PROCEED TO RACE START AREA OFF NAVSTA ANNAPOLIS.						
1	FRI 06/11	1315					LUNCHEON. CHILI.					1.0	
1	FRI 06/11	1330					CHECK IN WITH RACE COMMITTEE BOAT AND RECEIVE CUSTOMS FORMS FOR BERMUDA.						
1	FRI 06/11	1405					RACE STARTING GUN. KUAN YIN CROSSES LINE BEHIND JOHN MCLEOD'S VESSEL TARKA.						
1	FRI 06/11	1415					KUAN YIN SANDWICHED BETWEEN TWO OTHER VESSELS. COLLISION NARROWLY AVOIDED.						
1	FRI 06/11	1600					1600 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						
1	FRI 06/11	1630					DEPLOYED THE AQUAIR 100 WATER GENERATOR.						
1	FRI 06/11	1635					TESTED AQUAIR WATER GENERATOR. GENERATOR PUTS OUT 34 VOLTS, BUT REGULATOR DEFECTIVE.						
1	FRI 06/11	1645					CELL CALL TO PETER ___ AT JACK RABBIT MARINE IN MAINE. HE HELPS US DIAGNOSE AQUAIR REGULATOR AS DEFECTIVE. WILL SEND NEW ONE TO ST. GEORGE'S DINGY AND SPORTS CLUB IN BERMUDA FOR US. MEANWHILE WE CAN HOT WIRE THE OUTPUT TO THE HOUSE BANK AS LONG AS THERE IS CONSTANT LOAD ON THE SYSTEM. DO SO. IT WORKS. BATTERY POWER COMING BACK UP.						
1	FRI 06/11	1715					SUPPER. BEEF STEW, SYLVIA'S FAMOUS "MELT IN YOUR MOUTH" BISCUITS, MEAT BALLS AND MARINARA SAUCE.						
1	FRI 06/11	1730					CELL CALL TO TIM BAREFOOT. RELAY FULL COMMUNICATIONS DETAILS FROM YELLOW BOR COMM PLAN SHEET.						
1	FRI 06/11	2000	38 18.187	76 16.952			EIGHT O'CLOCK EVENING POSITION.						
1	FRI 06/11	2030					CALL IN TO EYC POC CHAN DATON AT 410-757-7601. LEFT MESSAGE WITH OUR EIGHT O'CLOCK EVENING POSITION ON ANSWERING MACHINE PER BOR 2004 RACE COMMUNICATIONS INSTRUCTIONS DATED 11 JUNE 2004 PAGE FOUR.						
1	FRI 06/11	2047			172	6.2	TAKE IN 10 PERCENT OF GENOA AND STRIKE INNER FORESTAYSAIL.						
1	FRI 06/11	2110	38.11.751	76.12843	162	6.9	GPS POSITION CHECK.						

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
1	FRI 06/11	2112	38.11.568	76.12681	158	5.4	NEW COURSE 170M.						
1	FRI 06/11	2116					SECURED BOW LIGHT LEFT ON INADVERTENTLY.						
1	FRI 06/11	2117			170	6.6	STERN LIGHT INOP. CORRECTED BY TAPPING IT.						
1	FRI 06/11	2130			164	5.8	TAKING FIRST REEF IN THE MAIN.						
1	FRI 06/11	2140					CELL CALL TO LORNA BRENNEMAN.						
1	FRI 06/11	2141					FAILED CELL CALL TO JUSTIN KADKEY OF YORK DISPATCH. POOR SIGNAL.						
1	FRI 06/11	2157					SECURE REFER TO CONSERVE BATTERY POWER. NOW 11.8 VOLTS ON HOUSE BANK.		11.8				
1	FRI 06/11	2208	38.06.353	76.09687	170	6.6	CARL STILL STRUGGLING TO UNDERSTAND HOW TO PUT THE FIRST REEF IN THE MAIN.						
1	FRI 06/11	2220					CHANGE COURSE TO 190M.						
1	FRI 06/11	2225					BIOLUMINESCENCE NOTED IN THE WATER.						
1	FRI 06/11	2226					STILL RAINING. HAS BEEN RAINING MOST OF THE DAY.						
1	FRI 06/11	2227			190	7.2	NEAR KNOCKDOWN.						
1	FRI 06/11	2231					LEAD BOR BOATS REPORT SIGHTING CRUISE SHIP.						
1	FRI 06/11	2240					C/C L TO 230 TO AVOID USN BOMBING TARGET WRECKS.						
1	FRI 06/11	2245					RESUME COURSE 190.						
1	FRI 06/11	2249			185	7.1	C/C TO 185M.						
1	FRI 06/11	2309					OVERTAKING SAILBOAT ON OUR STARBOARD SIDE CLOSE ABOARD.						
1	FRI 06/11	2313	37.59.486	76.09.443	182	6.7	GPS POSITION CHECK.						
1	FRI 06/11	2327					CARL ON BOW WATCH INUNDATED BY LARGE WAVE. THIS TRIGGERED INFLATION OF HIS PFD.						
1	FRI 06/11	2345					LARGE VESSEL ON 16 ASKS IF WE ARE THE SAILBOAT IN VICINITY OF SMITH POINT THAT HE IS SHINING HIS LIGHT ON. WE REPLY ON 16 THAT WE ARE IN THE VICINITY OF SMITH POINT BUT DO NOT SEE HIS LIGHT. OFFER TO SWITCH TO 13. NO NEED.						
1	FRI 06/11	2353	37.54.946	76.08.890	203	6.7	CHECK'S IN MAIL ON 16 TELLS TARKA THEY ARE OPERATING UNDER EMERGENCY TILLER AND REQUESTS SEA ROOM.						
1	FRI 06/11	2355					ONCOMING WATCH OF DREW AND PHIL DOING DISHES. OFFGOING WATCH IS CARL AND JOHN.						
2	SAT 06/12	0000	37.54.317	76.08.788	1911	7.0	MIDNIGHT POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						
2	SAT 06/12	0024			180	5.3	C/C 180M. LARGE SHIP HEADED UP BAY CLOSE ABOARD TO STARBOARD.						
2	SAT 06/12	0041					USCG CUTTER BALUGA SOUTHBOUND AT 10 KNOTS OFF SMITH POINT. SPEAKS TO S/V SABRINA.						
2	SAT 06/12	0052	37.48.623	76.08.3115	150	5.2	C/C L TO 150 TO AVOID FISH HAVEN.						
2	SAT 06/12	0100			180	7.2	C/C R TO 180 RESUMING BASE COURSE SOUTH TO CHESAPEAKE BAY BRIDGE TUNNEL.						
2	SAT 06/12	0230					CROSSING RAPPAHANNOCK SHOAL CHANNEL.						
2	SAT 06/12	0309	37.32.065	76.04.276	181	7.8	GPS POSITION CHECK.						
2	SAT 06/12	0400					CHANGE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS. ON DECK SKIPPER, CARL, AND BRYON.						
2	SAT 06/12	0313			190	7.4	BIOLUMINESCENCE NOTED IN THE WATER.						
2	SAT 06/12	0447	37.21.052	76.04.564	200	7.4	C/C 200M.						
2	SAT 06/12	0500	37.19.799	76.04.846	200	7.2	0500 POSITION.		11.2				
2	SAT 06/12	0515					USCG CUTTER BALUGA CH.16 SPEAKS S/V EO APPROACHING BUOYS 11 AND 12.						
2	SAT 06/12	0543	37.14.7	76.05.2	185	6.8	SUNRISE POSITION. UNFURL GENNY TO 140%. SECURE RUNNING LIGHTS AND TRICOLOR.		11.8				
2	SAT 06/12	0553			185	6.3	C/C 185M.						

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
2	SAT 06/12	0601					WX FORECAST FROM NOAA CHANNEL #1 FOR TODAY. NE 10-15, WAVES 2 FEET OR LESS. 30% CHANCE OF RAIN. MONDAY: CLOUDY. WINDS 15 KTS.						
2	SAT 06/12	0630	37.10.812	76.04.532	171	6.4	CHESAPEAKE BAY BRIDGE TUNNEL SIGHTED 8.1 NM. SHAKE OUT REMAINING REEF FROM MAIN.		11.7				
2	SAT 06/12	0654	37.08.660	76.04.172	190	4.9	C/C 190 TO AIM FOR EXIT OF CHESAPEAKE BAY BRIDGE TUNNEL.		11.8				
2	SAT 06/12	0758			125	7.3	PASS BETWEEN POSTS OF THE CHESAPEAKE BAY BRIDGE TUNNEL. C/C 125. WE ARE NOW OFFICIALLY IN THE ATLANTIC OCEAN.						
2	SAT 06/12	0800	37.02.312	76.03.723			0800 MORNING POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS. ON DECK DREW AND PHIL.						
2	SAT 06/12	0815					BREAKFAST. BRAN MUFFINS AND FRUIT SALAD. PHIL ENJOYED THESE GOING DOWN AND ON THE WAY BACK UP.						
2	SAT 06/12	0830					CELL CALL TO EYC BOR POC. "THIS IS SEA SCOUT TRAINING VESSEL KUAN YIN. OUR SATURDAY, 12 JUNE 0800 MORNING POSITION IS N 37 DEGREES 02.312 MINUTES, W 76 DEGREES 03.725 MINUTES. WE ARE BROAD REACHING ON PORT TACK BEFORE A NORTHERLY WIND AND THE WEATHER IS PARTLY CLOUDY AND MILD." OR "WHISKEY ALFA KILO 8712 - [SAME]"						
2	SAT 06/12	0832					CELL CALL TO EYC BERMUDA OCEAN RACE MAIL BOX 410-263-0415: "THIS IS SEA SCOUT TRAINING VESSEL KUAN YIN. WE EXITED THE CHESAPEAKE BAY VIA CHESAPEAKE CHANNEL. BUOY G '7' BORE 210 AT TIME 08:25:00."						
2	SAT 06/12	1200	36.49.539	75.31.382	141	7.5	NOON POSITION.						
2	SAT 06/12	1215					LUNCHEON. VARIOUS DELI SANDWICHES.						
2	SAT 06/12	1512					STARTING DIESEL SOLELY FOR CHARGING BATTERIES. SHAFT NOT ENGAGED.					2.0	
2	SAT 06/12	1600	36.33.915	75.08.583	125	4.0	1600 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.		13.0				
2	SAT 06/12	1800	36.26.515	74.58.377	137	6.0	1800 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.		12.2				
2	SAT 06/12	1830					NO CELL COMMUNICATIONS. CALL ON SSB 4.125MHZ: "WHISKEY ALFA KILO 8712 THIS IS WHISKEY DELTA BRAVO 4867 SEA SCOUT TRAINING VESSEL KUAN YIN. OUR SATURDAY, JUNE 12 1800 POSITION IS 36 DEGREES 26.515 MINUTES NORTH, 74 DEGREES 58.337 MINUTES WEST. WE ARE BEATING INTO A NORTHERLY WIND AT 5.1 KNOTS ON COURSE 140. THE WEATHER IS CLEAR AND SUNNY, FOUR FOOT SEAS. ALL WELL." ATTEMPT FIRST AT 1820 ON 4.125 MHZ, THEN AFTER 1830 ON 6.224 MHZ. NO ACKNOWLEDGMENT RECEIVED.						
2	SAT 06/12	1845					SKIPPER OFFERS COOKIES TO THE GODS OF THE SEA FOR THE FIRST TIME IN FIFTY-FIVE YEARS, JOINING THREE OTHERS ON THE VOYAGE SO FAR. COMMENCES USING SCOP PATCH.						
2	SAT 06/12	1900					COMMENCE ATTEMPTING TO RELAY POSITION REPORT TO OTHER BOR RACERS VIA VHF. HEAR SABRINA TALKING TO NORTHBOUND NORWEGIAN CRUISE SHIP FROM BAHAMAS, AND HEAR SOLANA TALKING TO RORO SHIP. ATTEMPT CONTACT WITH ANY AND ALL WITH NO SUCCESS.						
2	SAT 06/12	1937	36.21.012	74.48.962	133	5.2	FINALLY HAVE BROKEN CONTACT WITH SOLANA ON VHF 16. THEY AGREE TO RELAY POSITION REPORT AND OUR "ALL WELL." VERY BROKEN COMMUNICATION, BUT BELIEVE THEY COPIED. THIS COMM DIFFICULTY IS PUZZLING AS WE HAVE DONE A STANDING WAVE RATIO CHECK OF OUR ANTENNA AND SHOW OUTPUT OF OVER 25 WATTS AND A SWR OF LESS THAN 2:1.		12.3				

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2	SAT 06/12	1958	36.20.332	74.47.857	143	5.4	FINALLY HAVE GOOD VHF 16/68 COMMUNICATION WITH SABRINA. THEY READ US LOUD AND CLEAR. THEY DID SSB REPORT AT 1800 BUT LIKE US DID NOT GET ACKNOWLEDGMENT. THEY WERE USING 4.000 MHZ AND 6.000 MHZ BASED ON WHAT THEY THOUGHT WAS SAID AT THE SKIPPERS BRIEFING. I READ THEM THE PASSAGE FROM THE YELLOW COMM PLAN ON PAGE 4 ABOUT USING 4.125 MHZ FROM 1800 TO 1830 AND 6.224 MHZ FROM 1830 TO 1900. WE AGREE TO REPORT THEM ALL WELL AS OF THIS TIME IF WE GET COMMS WITH SHORE. BACK TO 16.		12.2				
2	SAT 06/12	2030					SUPPER. MASH POTATOES CHINDBLOM AND MEATLOAF FLAMBÉ (EL CHARRO).						
3	SUN 06/13	0010	36.08.198	7.21.361	135	5.6	MIDNIGHT POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.		11.8				
3	SUN 06/13	0352					HIT THE GULF STREAM. FOR ABOUT TWO MINUTES ALL WAS SMOOTH AS SILK, THEN WHAM, IT WAS LIKE HITTING A BRICK WALL WITH VERY CONFUSED SEAS. TOTALLY RANDOM MOTION TO THE BOAT.						
3	SUN 06/13	0403	35.58.410	73.59.974			0403 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						
3	SUN 06/13	0430					SMALL GOLDFINCH ALIGHTS ON KUAN YIN, OBVIOUSLY TIRED. HE WALKS FORWARD, AND IS SEEN NO MORE.						
3	SUN 06/13	0707	35.53.591	73.33.680	123	8.1	SET MAIN WITH ONE REEF AND STARTING TO GET THE HECK MOVING THROUGH THIS STUFF. DEPTH OF WATER OVER 11,300 FEET PER CHART. CREW FALLING INTO ROUTINE, AND FALLING INTO EACH OTHER DUE TO BOAT MOTION. SAILS SET ARE 80% GENNY, MAIN WITH ONE REEF, AND FULL MIZZEN.		11.7				
3	SUN 06/13	0758					BATTERY CHECKS.						
3	SUN 06/13	0800	35.51.145	73.26.497	126	6.3	0800 POSITION FOR KUAN YIN.						
3	SUN 06/13	0802					VHF 16 CALL FROM S/V SOLANA. THEIR SAT PHONE IS INOP. THEY REQUEST US TO REPORT THEM ALL WELL AS OF THEIR 0800 POSITION OF N35 03.77 W 65 31.32. WE SAID WE'D BE HAPPY TO DO SO. THEY ASKED ABOUT OTHER VESSELS IN THE AREA THAT MIGHT HAVE COMMUNICATIONS AND WE SAID SABRINA WAS THE ONLY OTHER ONE WE KNEW OF AND BELIEVE THEY HAVE ONLY SSB COMMS. WE RELATED THE KY-SABRINA COMM OF YESTERDAY. CHEERFUL CONVERSATION LIFTS SPIRITS ALL ROUND.						
3	SUN 06/13	0820	35.49.910	73.24.056	128	5.4	SSB CALL ON 6224KHZ FROM S/V SABRINA. THEY REQUEST US TO RELAY THEIR 0800 35 17.52 N 73 16.58 W ALL WELL POSITION IF WE ARE ABLE TO GET THROUGH. WE'LL BE HAPPY TO DO SO.						
3	SUN 06/13	0827					ATTEMPT FOLLOWING CALL ON SSB 6.224 MHZ : "WHISKEY ALFA KILO 8712 BOR CONTROL - THIS IS WHISKEY DELTA BRAVO 4867 SEA SCOUT TRAINING VESSEL KUAN YIN. ALL WELL. OUR SUNDAY, JUNE 13 0800 POSITION IS 35 DEGREES 51.145 MINUTES NORTH, 73 DEGREES 26.497 MINUTES WEST. WE ARE ON PORT TACK MAKING 6.3 KNOTS ON COURSE 126. THE WEATHER IS CLEAR AND SUNNY IN CONFUSED GULF STREAM SEAS." NO ACKNOWLEDGMENT RECEIVED FROM BOR COMMITTEE.		11.5				
3	SUN 06/13	0835	35.49.053	73.22.647	155	7.3	SSB CALL ON 8294MHZ FROM S/V SOLANA ATTEMPTING TO REACH BOR COMMITTEE. WE HEAR EACH OTHER LOUD AND CLEAR ON 8294 BUT NOT THE BOR COMMITTEE. WE GIVE SOLANA THE SABRINA'S 0800 ALL WELL POSITION. THEY WILL REPORT BOTH US AND SABRINA IF SOLANA GETS THROUGH.		11.6				
3	SUN 06/13	0840					ATTEMPT TO CALL BOR COMMITTEE ON SSB 8294. NO REPLY.						

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3	SUN 06/13	0851	35.48.028	73.21.315	123	6.0	BEGIN ENGINE RUN TO CHARGE BATTERIES.		12.9		377.4		
3	SUN 06/13	0856					ATTEMPT SSB TO BORC ON 8294. THEY READ US VERY FAINTLY. BORC REQUESTS SWITCH TO SSB 12359. SWITCH TO 12359 AND CALL. NO BORC REPLY. SWITCH BACK TO 8294 AND CALL BORC. NO REPLY.						
3	SUN 06/13	0900					BREAKFAST. FROSTED MINI WHEAT'S, BRAN MUFFINS, AND FRUIT SALAD.						
3	SUN 06/13	0911					TAKE REEF OUT OF GENNY.		13.0				
3	SUN 06/13	0916					PRINT OUT DECK LOG SO FAR.						
3	SUN 06/13	0920					TAKE REEF OUT OF MAIN.						
3	SUN 06/13	0940	35.45.260	73.16.558	151	3.2	WE ARE 14 NM SW OF RHUMB LINE COURSE IN OVER 12,000 FEET OF WATER. PRINTER DRIVER PROBLEMS HINDERING DECK LOG PRINTOUTS. RHUMB LINE COURSE IS 127M. WE CAN'T POINT THAT HIGH IN THESE LIGHTER WINDS, SO ARE POINTING AS HIGH AS WIND AND SEA ALLOW, WHICH HAS BEEN AVERAGING 140M.		12.9				
3	SUN 06/13	1200	35.60207	73.12104			NOON POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS. N35.60207 W73.12104. RECONSTRUCTED FROM GPS TRACK. WATER DEPTH FROM CHART APPROXIMATELY 12,000 FEET.						
3	SUN 06/13	1215					LUNCHEON. VARIOUS DELI SANDWICHES WITH SESAME NOODLES AND CUCUMBER, ONION, AND TOMATO SALAD.						
3	SUN 06/13	1254	35.32.840	73.05.318	193	2.5	SET SEWAGE VALVES TO PUMP TO SEA. ATTEMPT TO PUMP HOLDING TANK AS WELL, BUT ALTHOUGH PUMP HANDLE WORKS EASILY, IT WORKS SO EASILY THAT IT IS DOUBTFUL IT IS ACTUALLY EMPTYING THE HOLDING TANK.		13.3				
3	SUN 06/13	1300	35.32.519	73.05.278	188	4.5	1300 POSITION. OFFICIAL NOON POSITION MISSED. WILL BE RECONSTRUCTED FROM GPS TRACK.		13.3		381.5	4.1	
3	SUN 06/13	1333					VHF 16/10 TALK MONITORED BETWEEN WARSHIP 4 AND AIRCRAFT CARRIER.		13.4				
3	SUN 06/13	1400					SIX DOLPHINS, LATER 12 DOLPHINS, SIGHTED RIGHT OFF THE BOW, SWIMMING ALONG SIDE, AND PLAYING BACK AND FORTH UNDER THE BOAT. THE SEA IS FAIRLY CALM, DEEP BLUE. THE SKY IS GORGEOUS WITH WHITE PUFFY CLOUDS. THIS IS A "DIED AND GONE TO HEAVEN" DAY. CREW REALLY PUMPED WITH EXCITEMENT AND AWE.						
3	SUN 06/13	1410					FLYING FISH SIGHED OFF THE STARBOARD SIDE. SARGASSO SEA GRASS EVIDENT.						
3	SUN 06/13	1430					HOLD SESSION OF "ROSES, THORNS, AND BUDS" WHERE EACH OF US IN TURN TELLS GROUP OF A ROSE (SOMETHING THAT MAKES THEM PARTICULARLY HAPPY TODAY, A THORN (SOMETHING THAT IS IRRITATING THEM), AND A BUD (SOMETHING THEY HOPE FOR IN THE NEAR FUTURE. THIS IDEA COMES FROM PHILMONT BSA PRACTICE. ALL HAPPY. MANY ROSES AND BUDS. VIRTUALLY NO THORNS.						
3	SUN 06/13	1500					VARIOUS WARSHIPS COMMUNICATING ON VHF 16/10.						
3	SUN 06/13	1510					LARGE COMMERCIAL CONTAINER SHIP CROSSES AHEAD OF US APPARENTLY WESTBOUND.						
3	SUN 06/13	1600	35.36.034	72.54.359			1600 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						
3	SUN 06/13	1700			034	2.3	SUPPER IS SERVED. QUESADILLAS.		12.0				
3	SUN 06/13	1800	35.39.195	72.51.727	073	5.2	1800 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS. SUPPER IS SUPPLEMENTED WITH EGG ROLLS.						
3	SUN 06/13	1813					BOR S/V BALLADE HEARD ON SSB 8294.0. SWITCH TO VHF 72. BALLADE HAS SAT PHONE AND WILL REPORT KUAN YIN'S 0800 AND 1600 POSITIONS FOR TODAY AND WILL REPORT SOLANA'S ALSO.						

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
3	SUN 06/13	1814					SOLANA ADVISES BALLADE OF HER 0800 TODAY POSITION. N 36 30.7 W 75 03.5. SOLANA'S 1600 POSITION WAS N 36 04.8 W 72 49.1. ALL WELL WITH SOLANA AND KUAN YIN. BALLADE WILL ALSO REPORT SABRINA'S 0800 POSITION THIS MORNING WHICH SABRINA RELAYED TO YUAN YIN THIS MORNING.		12.0				
3	SUN 06/13	1830	35 40.315	72 50.101	040	4.7	GPS POSITION CHECK.		12.0				
3	SUN 06/13	1918	35 42.871	72 47.732			CREW DISCUSSION ON ROUTE IN VIEW OF JENNIFER CLARK GULF STREAM ANALYSIS FROM 6/02/04. DECIDE ON WAYPOINTS 1, 2, AND 3.		12.0				
3	SUN 06/13	1920			170	3.0	ON PORT TACK. C/C 170M.						
3	SUN 06/13	2008	35.42.454	72.46.909	053	4.9	ON STARBOARD TACK TRYING TO MAKE WP1 OF 3 WPTS.		11.8				
3	SUN 06/13	2028	35.42.461	72.46.216	053	4.0	ON STARBOARD TACK.		11.7				
4	MON 06/14	0000					MONDAY MIDNIGHT POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						
4	MON 06/14	0400	35.46.520	72.01.306			RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						
4	MON 06/14	0730					LOW BATTERY ALARM. BATTERY ALARM ON RAYMARINE GRAPHIC BEEPING AT 9.0 VOLTS. SHUT DOWN ALL ELECTRICAL DEVICES AND ATTEMPT TO START ENGINE. APPARENTLY PARALLEL SWITCH WAS LEFT ON, SO MAIN BATTERY WAS DOWN ALSO. NOT ENOUGH POWER TO START ENGINE. WILL KEEP ALL ELECTRIC DEVICES SECURE AND WAIT FOR AQUAIR WATER GENERATOR TO CHARGE THE BATTERIES ENOUGH TO GET THE ENGINE GOING.						
4	MON 06/14	0800	35.45.3	71.50.1	124	2.3	0800 POSITION FOR KUAN YIN. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS. COMMENCE FULL SPECIFIC GRAVITY CHECKS OF ALL BATTERIES.						
4	MON 06/14	0815					ATTEMPT TO CONTACT ANY OTHER BOR RACER OR ANY OTHER VESSEL ON HANDHELD STANDARD HORIZON VHF CH. 16. WANTED TO HAVE 0800 POSITION REPORTED TO BOR COMMITTEE. NO ONE REPLIED ON CH. 16.						
4	MON 06/14	0900					SET ALL SAIL. KY IS CARRYING 140 GENNY, FULL MAIN, FULL MIZZEN, INNER FORESTAY SAIL, AND MIZZEN STAYSAIL. WINDS VERY LIGHT.						
4	MON 06/14	0904	35.45.117	71.48.056	090	1.2	CHECK BALMAR READOUT.						
4	MON 06/14	0935					BREAKFAST OF BAGELS, CREAM CHEESE, AND ORANGE JUICE.						
4	MON 06/14	1200					NOON POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						
4	MON 06/14	1217	35.51.548	71.37.708	094	4.9	ENGINE FINALLY STARTS AFTER HOURS OF CHECKING WIRING AND LEADS, ETC. CREW REJOICES. SKIPPER REMOVES PARALLELING KEY TO SHIP'S SAFE.				381.5		
4	MON 06/14	1231	35.51.844	71.36.401	088	4.8	ATTEMPT RADIO COMMUNICATIONS ON SSB 8.294MHZ AND 2.182 MHZ AND VHF 16 IN ATTEMPT TO REPORT MORNING POSITION WHICH WAS IMPOSSIBLE WITHOUT BATTERY POWER THIS MORNING. NOTHING HEARD. GUARDING VHF 16 AND SSB 2,182.		12.4				
4	MON 06/14	1302	35.52.110	71.34.140	099	3.7	BALMAR READOUTS		12.4				
4	MON 06/14	1356	35.51.674	71.30.556			CARL SIGHTS A SEA TURTLE.						
4	MON 06/14	1511	35.50.460	71.25.362	117	5.0	CORRECTED STANDARD HORIZON HAND HELD VHF TO RECORD BARO PRESSURE IN MILLIBARS - SET TO MATCH BULKHEAD BARO.	1022	12.7				

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DAY	DATE 2004	TIME	N LAT	W LON	CUS M TRACK	SOG KTS	REMARKS	BARO MB	HOUSE VOLTS DC	FURUNO LOG NM	ENGINE DATA		
											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
4	MON 06/14	1533	35.49.936	71.23.502	130	5.3	PORTUGUESE MAN-O-WAR JELLYFISH SIGHTED. ATTEMPT VHF 16 CONTACT WITH ANY VESSEL. NO REPLY.	1022	12.7				
4	MON 06/14	1604	35.48.912	71.20.880	126	5.5	1600 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.	1020	12.8				
4	MON 06/14	1750	35.44.393	71.13.569	150	4.3	SECURE ENGINE. VERIFY PARALLEL CONNECTION OFF. VERIFY AQUAIR IS CONNECTED TO HOUSE BANK UNDER LOAD.	1020	12.1		387.0	5.5	
4	MON 06/14	1800	35.44.170	71.13.220			1800 POSITION.						
4	MON 06/14	1807	35.43.827	71.12.642	133	3.6	RELAYED OUR 1600 POSITION TO BOR COMMITTEE BY SSB 8.294MHZ. ALL WELL.	1020	12.0				
4	MON 06/14	1812	35.43.695	71.12.323	129	4.0	OVERHEAR S/V SABRINA MAKING HER POSITION REPORT TO BOR COMMITTEE. SOMEWHAT GARBLED.	1020	12.0				
4	MON 06/14	1827	35.43.149	71.11.459	150	3.3	C/C R TO 151 TO INTERCEPT WAYPOINT NO. 1.	1020	11.9				
4	MON 06/14	1834	35.42.862	71.11.164	147	2.8	MONITOR SSB TRAFFIC ON 12.359MHZ. ENSURE MOST SHIP'S SYSTEMS ARE SHUT DOWN, ESPECIALLY THE INVERTER, TO GET CLEAREST RECEPTION.	1020	11.9				
4	MON 06/14	1856	35.42.016	71.10.245	143	2.5	RECEIVE SOLANA 1600 POSITION ON SSB 12.359MHZ AS NORTH 35 DEGREES 18.5 MINUTES, WEST 71 DEGREES 22.6 MINUTES. ALL WELL. THEY WERE UNABLE TO GET THROUGH TO BOR COMMITTEE. WE AGREE TO RELAY IF POSSIBLE.						
4	MON 06/14	1858					SOLANA IN CONTACT WITH ANOTHER VESSEL WHICH IS OFFERING TO RELAY HER POSITION BY EMAIL.						
4	MON 06/14	1907	35.41.503	71.09.794	155	3.4	OVERHEAR ANOTHER VESSEL ON SSB 12.359MHZ ATTEMPTING TO ORDER RACOR FUEL FILTERS, HIGHFIELD LEVER, AND HYDRAULIC FITTINGS. MAYBE THE NAVY SLOOP. NOT SURE. OTHER VESSEL SAYS THEY WILL RELAY TO CDR ___ AT USNA. THEY DISCUSS LOCATIONS OF WARM AND COLD EDDIES, MOST OF WHICH SEEM AT 45 DEGREES OR MORE NORTH LATITUDE. PERHAPS THIS IS THE USNA BOAT GOING TO EUROPE AND NOT THE USNA BOAT IN THE BOR.	1020	12.0				
4	MON 06/14	1920	35.40.816	71.09.229	146	5.0	LOWERING MAIN TO MAKE FIRST REEF.	1020	12.0				
4	MON 06/14	2000	35.38.946	71.07.161	138	3.6	2000 POSITION. REEF GENNY TO 80%	1020	11.8				
4	MON 06/14	2030	35,37.693	71.05.853	160	3.4	MARK SUNSET. ENERGIZE RUNNING LIGHTS AND MASTHEAD TRICOLOR.	1020	11.6				
4	MON 06/14	2045					ENERGIZE RAYMARINE INSTRUMENTATION.						
4	MON 06/14	2050					EMT CARL PUTS GAUZE PATCH ON STEVE'S SHIN WHERE HE HAD SUFFERED AND ABRASION.						
4	MON 06/14	2140					STARTING DIESEL SOLELY FOR CHARGING BATTERIES. SHAFT NOT ENGAGED.				387.0		
4	MON 06/14	2206	35.33.275	71.01.998	124	2.4	WINDS ARE SLACKING. DISCUSSION OF WHETHER TO BEND ON MORE SAIL. DECIDE NOT TO DO SO IN ORDER NOT TO DISTURB SLEEPING CREW NOW AND THEN HAVE TO HAUL THEM OUT AGAIN LATER IN THE DARK TO SHORTEN IT AGAIN. WE'LL RIDE WITH WHAT WE HAVE FOR THE NIGHT.	1022	12.0				
4	MON 06/14	2213					UNABLE TO GET RAYMARINE WIND READOUT TO FUNCTION. NO CONTACTS VISIBLE OUT TO 24 NM ON RADAR. SOLANA Y 1600 REPORT WAS 29.9 NM SOUTH OF US ON THE RHUMB LINE. WE ARE CONVERGING ON WAYPOINT 1.						

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
4	MON 06/14	2218					ALL LIGHTS BRIGHT LIGHTS.						
4	MON 06/14	2236	35.32.484	70.59.973	148	3.1	DISCUSSION OF OMINOUS BLACK CLOUDS OVERHEAD. STEVE BRIEFS THE WATCH OF JIM AND DREW ON SQUALL KNOCKDOWN PROCEDURES. RADAR SHOWS WEATHER IS BEHIND US AND GOING AWAY. NO CONTACTS OUT TO 24 MILES. NAV STATION IS VERY UNCOMFORTABLE AND HARD TO STAY IN WHEN HEELED OVER ON THE STARBOARD TACK AS WE ARE RIGHT NOW.	1022	12.1				
5	TUE 06/15	0013	35.29.170	70.56.965			MIDNIGHT POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						
5	TUE 06/15	0242	35.22.925	70.52.236	165	2.3	SECURE FROM CHARGING BATTERIES.		12.0		392.0	5.0	18.0
5	TUE 06/15	0400					RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						
5	TUE 06/15	0445					SHOOK OUT GENNY REEF.						
5	TUE 06/15	0530					SHOOK OUT MAIN REEF.						
5	TUE 06/15	0800	35.12.947	70.45.418	168	1.6	0800 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.	1022	11.1		392.0		
5	TUE 06/15	0815			136	2.4	TRY COMMS ON SSB 12359 AND 8.284MHZ. REACH LEVITT ON 8.284MHZ. HEAR SOLANA'S 0800 POSITION GIVEN AS N 35 03.1 W 70 20.4 VIA SABRINA. GIVE OUR 0800 POSITION TO LEVITT WHO IS EITHER BOR OR WILL RELAY. SWITCH TO SSB 12.359MHZ TO SEE IF WE CAN HEAR ANY OTHER POSITION REPORTS. LEVITT SAID OUR SIGNAL WAS "LOUD AND CLEAR".						
5	TUE 06/15	0838					WBS3813 IS LEVITT? WBS3813 CALLING SABRINA. SABRINA'S 0800 POSITION IS N 34 DEGREES 54.02 WEST 69 DEGREES 49.04 ON HEADING 078 SPEED 5.5.						
5	TUE 06/15						WBS3813, A SHORE PARTY, REPORTS ? 0800 AS 34 27N 68 47W W SE 5KTS BOAT SPEED 4 KTS.						
5	TUE 06/15	0855					OVERHEAR VIGILANT THIS IS PATRIOT ON SSB 8294 W/ DISCUSSION OF SOME MIDSHIPMAN'S ASSIGNMENT.						
5	TUE 06/15	0900	35.11.863	70.43.163	109	1.2	MONITOR, "SWIFT, THIS IS PATRIOT OVER" ON SSB 8294.						
5	TUE 06/15	0901					KUAN YIN DOING 1.2 KNOTS OVER GROUND, 2.34 KNOTS THROUGH WATER.	1022	12.5				
5	TUE 06/15	0906					FROM SSB TRAFFIC, BELIEVE VIGILANTE'S POSITION APPARENTLY N 34 56 10, W 69 04 34						
5	TUE 06/15	0927	35.11.358	70.42.300	130		C/C L TO 130 TO PURSUE OTHER BOATS. AFTER PLOTTING 0800 POSITIONS OF UNKNOWN BOAT 08 NM AHEAD ON RHUMB LINE, SABRINA 51 NM AHEAD ON RHUMB LINE MAKING 5.5 KTS, AND SOLANA 23 NM AHEAD ON THE RHUMB LINE MAKING 4 KNOTS, COMMUNITY DECISION TO ABANDON PLAN OF SEEKING WAYPOINT 1. WE WILL GO INSTEAD FOR SOLANA'S AND SABRINA'S CURRENT POSITIONS. OUR THINKING IS THAT THEY HAVE COME OUT OF THE ADVERSE CURRENTS WE ARE STILL FIGHTING. WE ARE MAKING A BOAT SPEED OF 4,58 KNOTS BUT ONLY MAKING 2.9 KNOTS OVER THE GROUND. ALSO, OUR HEADING IS 130, BUT OUR TRACK IS 110 OR SO.						
5	TUE 06/15	0935	35.11.367	70.41.669	119	4.0	REENERGIIZED BY THE MORNING OVERVIEW AND COURSE CHANGE, ENTHUSIASTIC CREW SETS ALL SAIL. FULL GENNY, MAIN, MIZZEN, INNER FORESTAY SAIL, AND MIZZEN STAYSAIL.	1022	12.6				
5	TUE 06/15	1016					MIZZEN STAYSAIL NOT EFFECTIVE ON THIS POINT OF SAIL, SO DOUSED IT.						
5	TUE 06/15	1116	35.11.854	70.36.298	072	2.4	HARDEN UP TO NEW COURSE 110 TO MAXIMIZE BOAT SPEED TO GET OUT OF BAD EDDY.	1022	12.8				

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
5	TUE 06/15	1120					SECURE ENGINE. SECURE ENGINE SWITCH.				395.3	3.3	19.9
5	TUE 06/15	1137	35.12.194	70.35.037	120	3.6	GPS POSITION CHECK.	1022	12.1				
5	TUE 06/15	1152					BREAKFAST OF SAUSAGE, EGG, AND CHEESE MUFFINS. ALSO BAGELS AND CREAM CHEESE.						
5	TUE 06/15	1206	35.12.114	70.33.254			NOON POSITION. COMPUTE TABLE OF DAILY NOON-TO-NOON RUNS	1022					
5	TUE 06/15	1348	35.12.540	70.27.586	046	3.5	FALLING OFF TO BROAD REACH TO LEVEL BOAT WHILE REPLACING STANDARD ALTERNATOR WITH THE HI-CAPACITY ALTERNATOR.	1022	11.9				
5	TUE 06/15	1537	35.17.169	70.23.082	126	4.0	COMPLETION OF INSTALLING THE HIGH CAPACITY ALTERNATOR. RUN ENGINE FOR CHECKS.	1022	12.0		395.3 - 395.6	0.3	20.2
5	TUE 06/15	1551	35.17.006	70.22.375	107	4.0	HIGH CAPACITY ALTERNATOR APPEARS TO NOT BE CHARGING AS EXPECTED. RUNNING ENGINE TO VERIFY STATUS OF HIGH CAPACITY ALTERNATOR.	1022	12.0				
5	TUE 06/15	1600	35.16.815	70.21.647	110	4.1	1600 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						
5	TUE 06/15	1638	35.16.031	70.18.506	113	4.3	FINISHED REINSTALLING THE ORIGINAL STANDARD ALTERNATOR. BIG DISAPPOINTMENT THAT THE RECONDITIONED HI CAPACITY ONE WAS INOPERATIVE. START ENGINE TO CHARGE BATTERIES.	1022			395.6		
5	TUE 06/15	1752	35.13.599	70.12.724	131	4.8	COMMENCE LISTENING WATCH ON SSB 8294.0 FOR 1800 REPORTS OF 1600 POSITIONS. HAVE COMPLETED JURY RIGGED WIRING TO RAYMARINE GRAPHIC TO GARMIN GPS AND TO RAYMARINE SPEED DEVICE. STILL UNABLE TO SEND GPS TO BOTH RAYMARINE AND STANDARD HORIZON RADIO AT SAME TIME. NO INFORMATION APPEARS ON RAYMARINE WIND DEVICE DESPITE RECEIVING POWER.	1022	12.8				
5	TUE 06/15	1800					CIPERCO REPORTS. 3.7 KTS. SABRINA STANDING BY.						
5	TUE 06/15	1808	35.12.895	70.11.348	135	5.0	BROKEN COMM WITH BOR COMMITTEE ON SSB 8.294 MHZ. RELAYED POSITION THREE TIMES. NOT SURE BORC COPIED CORRECTLY. SECURED ENGINE AND ALL NON ESSENTIAL GEAR TO MAXIMIZE CLARITY OF SIGNAL.				396.9	1.3	21.5
5	TUE 06/15	1820					SABRINA WILL RELAY. SABRINA CALLS BORC ON SSB 8.294 MHZ AND RELAYS OUR 1600 POSITION SUCCESSFULLY.						
5	TUE 06/15	1830					SWITCH SSB COMM WATCH TO 12.359 MHZ.						
5	TUE 06/15	1831					COMM WITH SOUTHBOUND II (SB2). THURS 20-25 KNOTS SHIFT TO NW. FRONT MOVING IN LATE THURSDAY. SB II SW TO W LIGHT 12-15 WEAK FRONT BOUNDARY APPROACHES THURS WINDS VERY LIGHT SW 10-12 THRU THURS EVEN. FRI WINDS BUILD FROM SW 20 BY BOSCOW COUNTER CURRENT PLOT LINE FROM US TO 33 N 34 N 69 W PLOT LINE AND STAY ON WEST OF IT. WAYPOINT 33 30 N 69 30 W. AIM FOR IT. WILL AVOID BAD COUNTER CURRENT.						
5	TUE 06/15	1856	35.10.404	70.08.209	197	2.4	SB2 TALKS TO AMERICAN PROMISE ON SSB 12.359 MHZ.	1022	12.0				
5	TUE 06/15	1900					SUPPER IS SERVED. MEAT SAUCE AND MACARONI.						

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
5	TUE 06/15	2000					RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						
5	TUE 06/15	2001					TONIGHT'S MOVIE ON THE MESS DECKS IS "PIRATES OF THE CARIBBEAN" STARRING JOHNNIE DEPP AND DREW BRENNEMAN.						
5	TUE 06/15	2100					WIND ARE VERY LIGHT TO ALMOST NON EXISTENT.						
6	WED 06/16	0000	34.57.884	69.56.505	112	2.5	MIDNIGHT POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.	1022	11.2				
6	WED 06/16	0137	34.55.729	69.50.870	133	4.4	LOW BATTERY ALARM. BATTERY ALARM ON RAYMARINE GRAPHIC BEEPING AT 10.5 VOLTS. START ENGINE TO CHARGE BATTERIES.	1022	12.4		396.9		
6	WED 06/16	0628	34.38.344	69.37.771	155	3.7	TOTALLY BECALMED. NO WIND WHATSOEVER, BUT MAKING 3.3 WITH THE CURRENT.	1025	12.0		401.8	4.9	26.4
6	WED 06/16	0640	34.37.840	69.37.379			35 GALS DIESEL REMAIN PORT TANK. DOUBLE CHECKED BY DIPSTICK. ONLY PORT TANK ON SERVICE. VERIFIED BY CHECKING VALVE LINEUP. SEEMS VERY LITTLE DIESEL USED BASED ON NUMBER OF HOURS RUN SINCE LAST FUELING. ALSO, BALMAR READINGS SUGGEST EVEN STANDARD ALTERNATOR IS NOT PUTTING OUT MUCH VOLTAGE. SHOULD BE AROUND 14 VOLTS. ONLY SHOWING 13 AND A FRACTION.						
6	WED 06/16	0700					SOUND BILGE. 8.5 INCHES OF WATER. PUMPED BY COCKPIT MANUAL PUMP.						
6	WED 06/16	0725	34.35.780	69.36.014	168	2.9	IN COMPLIANCE WITH INTERNATIONAL MARPOL AGREEMENT, DUMP BIODEGRADABLE GARBAGE ONLY OVERBOARD.						
6	WED 06/16	0730	34.35.668	69.35.913	127	1.1	GPS POSITION CHECK.						
6	WED 06/16	0745	34.35.601	69.35.724	135	2.0	COMMENCE MONITORING SSB 8.294 MHZ.	1025	12.0				
6	WED 06/16	0800	34.35.221	69.35.246	173	3.0	0800 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						
6	WED 06/16	0805	34.34.993	69.35.099	159	3.4	COMMUNICATE 0800 POSITION TO BORC ON SSB 8.294 MHZ AND RECEIVE ACKNOWLEDGMENT.	1025	12.0				
6	WED 06/16	0812	34.34.600	69.34.862	172		AFTER COMMUNITY DISCUSSION AND INDIVIDUAL POLL OF OPINIONS, DECISION MADE TO ENGAGE ENGINE AND PROCEED ON EXISTING ROUTE TO SB2 WAYPOINT AND THEN BERMUDA. WILL SAIL WHEN POSSIBLE, MOTOR WHEN NECESSARY. AT 6.5 KNOTS, ETA BERMUDA IS FRIDAY NOON AT CUSTOMS DOCK. WILL EXPECT TO MAINTAIN A MINIMUM 6.5 KNOT SOA OVER GROUND. WE KNOW THAT USING ENGINE IS PROBABLY DISQUALIFYING, BUT AT SAME TIME NOT ARRIVING IN BERMUDA BY 0900 SATURDAY IS DISQUALIFYING AS WELL. WITH PEOPLE HAVING PLANES TO CATCH ON TUESDAY, AND DESIRING TO HAVE TIME TO SEE BERMUDA BEFORE FLYING BACK TO THE STATES, AND WITH NO IMMEDIATE PROSPECT OF FAVORABLE WINDS, THIS SEEMS THE REGRETTABLE BUT PURDENT COURSE OF ACTION. CREW DECISION WAS UNANIMOUS. THERE IS AN EXTREMELY REMOTE POSSIBILITY THAT IF WE CAN FIND WIND AND THEN RECOMMENCE SAILING, WE MIGHT RECEIVE JUST A TIME PENALTY AS OPPOSED TO A DISQUALIFICATION, BUT THAT IS EXTREMELY DOUBTFUL.				401.8		
6	WED 06/16	0930				8.6	BREAKFAST ON THE MESS DECKS FOR ALL HANDS. MR. ROBERTSON HAS THE HELM. PHIL IS LOOKOUT. MOOD IS BRIGHT AND CHIPPER. MENU: QUICHE BERMUDA, BISCUITS, BACON, AND EGGS.						
6	WED 06/16	1003	34.19.675	69.27.727	177	9.2	GPS POSITION CHECK.	1025	12.8				
6	WED 06/16	1005					BALMAR CHECKS						

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
6	WED 06/16	1016					BALMAR CHECKS						
6	WED 06/16	1020					BALMAR CHECKS						
6	WED 06/16	1021					BALMAR CHECKS						
6	WED 06/16	1033	34 15.475	69 25.959	174	8.6	GPS POSITION CHECK.	1025	13.0				
6	WED 06/16	1053	34 12.755	69 24.694	173	9.2	WEATHER FINE. CLEAR AND SUNNY. WHITE PUFFY CLOUDS. WATER IS TRUE BLUE. SIMPLY GORGEOUS. MANY LANDSMEN LIVE AND DIE AND NEVER SEE SUCH BEAUTY.	1025	12.9				
6	WED 06/16	1100					GPS POSITION CHECK. WE ARE 368.5 NM OUT INTO THE ATLANTIC FROM THE CHESAPEAKE BAY BRIDGE TUNNEL EXIT OF THE CHESAPEAKE BAY. WE ARE 454.2 NM STRAIGHT RHUMB LINE DISTANCE FROM SLIP E-24, WHITE ROCKS MARINA, PASADENA, MD, USA. HOORAY!	1025					
6	WED 06/16	1207	34 02.570	69 19.797	147	6.2	NOON POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS. SHIFTED TO NEUTRAL TO TEST AVAILABLE WIND. WHILE SLOWED, SEEMED GOOD TIME TO RETRIEVE THE COURSE PITCH PROP FOR THE AQUAIR. UPON RETRIEVAL, SHARK DAMAGE TO THE COURSE PITCH PROP AND THE PROP LINE WAS EVIDENT. CUTTING OUT DAMAGED PART OF THE LINE AND INSTALLING THE FINE PITCH PROP.	1025	13.0				
6	WED 06/16	1242	34 00.219	69 17.753	155	7.7	COMPLETED THE NOON TO NOON MILEAGE CONTEST. BRYON WAS THE WINNER WITH A GUESS OF 90 MILES. ACTUAL NOON TO NOON DISTANCE RUN WAS 92.1. RESUME NORMAL ENGINE SPEED OF 3000 RPMS. REPLACEMENT OF AQUAIR PROPELLER IN PROGRESS. HAD WE REMAINED UNDER SAIL ALONE, ETA AT SB2-1 WOULD HAVE BEEN 2130 TONIGHT INSTEAD OF 1530 THIS AFTERNOON.						
6	WED 06/16	1344	33 54 291	69 12 835	178	5.4	AQUAIR PROPELLER HAS BEEN REPAIRED AND IS BEING RELEASED BACK INTO THE WILD.						
6	WED 06/16	1550	33 36.968	69 06.420	178	7.8	NOON MEAL. CUCUMBER SALAD, PICO DE GALLO, GAZPACHO, VICHYSOISE, LENTIL SOUP, COLD CUTS, CHICKEN SALAD, TUNA SALAD, AND CURRY CHICKEN SALAD. SPECIAL TREAT IS COLD PARMALAT MILK.	1025	13.1				
6	WED 06/16	1600	33 36.454	69 06.265	177	7.9	1600 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.	1025	13.0				
6	WED 06/16	1700	33 29.126	69 03.472	172	7.6	1700 POSITION. JUNIOR ENGINEERS (DREW AND BRYON) ARE WORKING ON PUTTING THE "LITTLE WONDER" WATER MAKER IN OPERATION.	1025	13.0		410.6	8.8	35.2
6	WED 06/16	1710	33 28.432	69 03.165	172	0.0	SECURE ENGINE TO LISTEN TO VARIOUS SOUNDS AS THE WATER MAKER STARTS UP.						
6	WED 06/16	1720	33 28.434	69 03.127		0.0	WIND TOTALLY CALM. SEA FLAT. THIS CONFIRMS OUR PRIOR DECISION TO MOTOR.						

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DAY	DATE 2004	TIME	N LAT	W LON	CUS M TRACK	SOG KTS	REMARKS	BARO MB	HOUSE VOLTS DC	FURUNO LOG NM	ENGINE DATA		
											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
6	WED 06/16	1743	33 28.436	69 03.058		0.0	WIND STILL CALM. SEA ALMOST LIKE GLASS EXCEPT FOR GENTLE SWELL. ENGINE STILL SHUT DOWN WHILE ATTEMPTING TO ACTIVATE THE WATER MAKER. PROBLEM GETTING SUCTION OF THE SEA WATER INLET SIDE OF WATER MAKER.						
6	WED 06/16	1800	33 28.412	69 02.919			1800 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS. 17,310 FEET OF WATER UNDER THE KEEL PER CHART.						
6	WED 06/16	1805	33 28.382	69 02.634		0.0	RELAY KUAN YIN'S 1600 POSITION TO BORC ON 8.294 MHZ. ALL WELL. ENGINE STARTED AT IDLE IN ANTICIPATION OF COMPLETION OF WATER MAKER ACTIVATION.						
6	WED 06/16	1812		69 022.350	133	6.4	UNDERWAY. ALL AHEAD STANDARD. WATER MAKER IS BEGINNING IT'S INITIAL PURGING CYCLE.	1025	12.6		410.6		
6	WED 06/16	1834	33 27.153	68 59.687	145	6.8	C/C R TO 145 TO INTERCEPT TRACK FROM SB2-1 AND SB2-2 TO SB2-3 AND THEN STRAIGHT TOWARD BERMUDA NORTHEAST BREAKER LIGHT. ETA AT SB2-3 IS 19:23 IN 47 MINS.						
6	WED 06/16	1924	33 23.657	68 54.271	120	7.8	C/C L TO 120 FOR NORTHEAST BREAKER LIGHT, BRITISH OVERSEAS TERRITORY OF BERMUDA.	1025	12.9				
6	WED 06/16	1946	33 23.037	68 51.174	117	7.3	SUNSET OVER THE BEAUTIFUL BLUE OCEAN AS WE COMMENCE CHEMICAL CLEANING OF WATER MAKER MEMBRANE USING CHEMICAL CLEANER 1.						
6	WED 06/16	2220	33 18.187	68 30.101	109	6.5	SUPPER CONSISTING OF SOUP SURPRISE (CONTAINED SQUASH AND ZUCCHINI) AND STUFFED PEPPERS.						
6	WED 06/16	2300	33 17.275	68 24.932	119	6.7	2300 GPS POSITION CHECK.	1025	12.4				
7	THU 06/17	0000	33 15.387	68 17.168			MIDNIGHT POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						
7	THU 06/17	0313	33 10.240	67 54.080	124	5.2	WATER MAKER FINALLY IN OPERATION. TO TEST IT, STEVE COMPUTES IT'S CURRENT CAPACITY AT 70 GALLONS PER DAY. WE HAVE TEMPORARILY DIVERTED THE WATER MAKER OUTPUT INTO THE ORANGE IGLOO DRINKING JUG IN THE GALLEY SINK SO WE CAN OBSERVE IT'S CLARITY AFTER THE COMPLETION OF THE CHEMICAL CLEANING PER THE MANUAL. ALSO, IF THE WATER MAKER OUTPUT IS GOOD, THEN WE WILL HAVE PURE WATER RIGHT AT THE JUG AT THE GALLEY SINK WITHOUT RISKING CONTAMINATION FROM THE CURRENT WATER IN THE SHIP'S TANKAGE WHICH SEEMS TO HAVE PARTICULATE MATTER IN IT AND A STALE TASTE.	1022	12.5				
7	THU 06/17	0329	33 09.781	67 52.116	117	6.3	C/C R 2 DEGREES TO 117 BY ROBERTSON TO CLOSE CROSS TRACK ERROR OF 0.12 NM IN OUR TRACK TO THE BERMUDA HARBOUR CALL-IN WAYPOINT. THERE IS A PECULIARITY IN THE RAYMARINE GRAPHIC ROLLING ROAD DISPLAY IN THAT WHILE THE GARMIN CLEARLY SHOWS US TO THE LEFT OF TRACK AND NEEDING TO COME RIGHT TO REGAIN THE CENTERLINE OF THE INTENDED TRACK, THE ROLLING ROAD IS EXACTLY REVERSED AND SAYS WE NEED TO COME LEFT. BOTH INSTRUMENTS, HOWEVER, AGREE ON THE AMOUNT OF CROSS TRACK ERROR, AND AS WE ARE COMING RIGHT, THE AMOUNT OF CROSS TRACK ERROR BEING SHOWN ON THE ROLLING ROAD IS DECREASING. WE MAY HAVE TO CALL RAYMARINE TO INQUIRE AS TO WHY THIS IS SO.						
7	THU 06/17	0345					ETA AT BERMUDA HARBOUR CALL-IN POINT IS 25 HOURS FROM NOW, OR 0445 FRIDAY MORNING. IF THIS SOA HOLDS, THEN ETA AT THE SPIT BUOY IS 31 HOURS FROM NOW, HENCE AROUND 1100 FRIDAY MORNING. SUCH A TIMETABLE SHOULD ENABLE US TO CLEAR CUSTOMS DURING BUSINESS HOURS AND GET TO THE ST. GEORGES DINGY AND SPORTS CLUB MARINA IN TIME FOR THE FRIDAY EVENING ACTIVITIES.						

**DECK LOG OF SEA SCOUT TRAINING VESSEL KUAN YIN IN THE BERMUDA OCEAN RACE 2004
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DAY	DATE 2004	TIME	N LAT	W LON	CUS M TRACK	SOG KTS	REMARKS	BARO MB	HOUSE VOLTS DC	FURUNO LOG NM	ENGINE DATA		
											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
7	THU 06/17	0350	33 09.039	67 49.545	116	6.0	C/C L 1 DEGREE TO 116 BY ROBERTSON AS WE ARE NOW RIGHT ON CENTERLINE OF TRACK.						
7	THU 06/17	0456	33 06.985	67 41.979			ENGINE RUNS OUT OF FUEL ON PORT TANK. SWITCH TO STARBOARD TANK.						
7	THU 06/17	0526	33 06.002	67 38.267			MARK SUNRISE. SECURE RUNNING LIGHTS.						
7	THU 06/17	0600	33 04.906	67 33.954			FOUR PORTUGUESE MEN-OF-WAR SIGHTED.						
7	THU 06/17	0700	33 03.089	67 26.021			0700 POSITION. GPS CHECK.						
7	THU 06/17	0730					MORNING QUARTERS. ROSES, THORNS, AND BUDS. A SAD MOMENT FOR SOME AS IT IS THE START OF OUR LAST FULL DAY AT SEA TOGETHER. HOWEVER, WE'RE ALL LOOKING FORWARD TO GETTING TO BERMUDA. ONLY REAL THORN IS LACK OF WIND WHICH FORCED US TO COMMENCE MOTORING YESTERDAY.						
7	THU 06/17	0800	33 01.381	67 18.322			0800 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						
7	THU 06/17	0804	33 01.271	67 17.755	112	7.5	ENGINEERING DEPARTMENT REPORTS THE WATER MAKER IS BACK IN OPERATION AND PRODUCING WATER INTO THE ORANGE JUG.						
7	THU 06/17	0815					SABRINA'S 0800 POSITION: N 33 27.78 W 67 16.08. IF SABRINA GETS SOLANA'S 0800 POSITION, SHE WILL FORWARD IT TO US.						
7	THU 06/17	0850					UNIDENTIFIED PARTY REPORTS SOLANA'S 0800 POSITION AS N 33 24.2 W 67 28.5.						
7	THU 06/17	0856	32 58.573	67 12.108	119	7.4	UNIDENTIFIED YACHT (POSSIBLY USNA VIGILANT) 30 NM FROM NE BREAKER. CAN MAKE IT ON OWN FUEL. DUTY OFFICER WILL BE STANDING BY ON VHF 72. WILL COMMUNICATE WITH VIGILANT AT 1110 TODAY THIS FREQUENCY 8294 KHZ. 77 MILES FROM --- ON BEARING 144. DISCUSSION OF PARTS TO BE BROUGHT DOWN. COMING ON LATER FLIGHT. SWIFT OUT.						
7	THU 06/17	0903	32 58.303	67 11.141	122	7.1	ABOVE TRANSMISSION MAY HAVE BEEN A RELAY BY SWIFT FOR VIGILANT TO USNA.	1025	12.5				
7	THU 06/17	0911	32 58.016	67 10.067	121	6.6	C/C L 2 DEGREES TO REMAIN ON CENTERLINE OF TRACK.						
7	THU 06/17	0913					AT CURRENT SOA, ETA 30 NM CALL IN WAYPOINT IS 0120 TOMORROW (FRIDAY) MORNING, NE BREAKER LIGHT AT 0609, AND SPIT BUOY AT 0651. CREW GETTING IN "LIBERTY CALL" MODE. WATER MAKER IS AGAIN FIXED AND WORKING.						
7	THU 06/17	0922					SKIPPER GETS HIS FIRST TASTE OF KUAN YIN WATER. FLAT TASTING, BUT CLEAN AND PURE. SWEEPERS, SWEEPERS MAN YOUR BROOMS. GIVE THE SHIP A CLEAN SWEEP DOWN FORE AND AFT. SALT WATER WASH DOWN OF ALL TOPSIDE SPACES WITH FRESH WATER RINSE AND TOWELING OF ALL STAINLESS ABOVE DECK.						
7	THU 06/17	1155	32 51.807	66 48.648	123	7.2	C/C 3 DEGREES LEFT TO 118 M BY ROBERTSON.	1022	12.3				
7	THU 06/17	1200	32 51.687	66 48.035	120	7.3	NOON POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						
7	THU 06/17	1215					DAILY NOON TO NOON NAUTICAL MILES RUN CONTEST. GUESSES ARE CARL 120. BRYON 78. STEVE 168. PHIL 130. DREW 90. JIM 131. JOHN 125. THE WINNER IS JIM AT 131. THE ACTUAL NOON TO NOON RHUMB LINE MILEAGE IS 146.0 NAUTICAL MILES. CONGRATULATIONS JIM!						
7	THU 06/17	1538	32 46.274	66 16.702	108	7.6	SEA AS CALM AS GLASS, WITH LARGE GENTLE ROLLERS. SUN IS HOT EXCEPT UNDER BIMINI. GLAD WE HAVE ONE.	1022	12.9				
7	THU 06/17	1600	32 45.766	66 13.012	110	8.0	1600 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
7	THU 06/17	1646	32 44.912	66 06.767	116	7.2	AFTER AN HOUR OF TESTING ALL INPUTS AND OUTPUTS OF THE RAYMARINE WIND INDICATOR (GIZINS AND GIOUTS, AS STEVE CALLS THEM), CONCLUDE THERE IS SIGNAL COMING INTO THE DEVICE, AND POWER COMING INTO THE DEVICE, BUT THE INTERNAL CIRCUIT BOARDS ARE TRAVELING IN A PARALLEL DIMENSION SOMEWHERE OUTSIDE THE BOAT. THEREFORE, WILL CONTACT RAYMARINE IN BERMUDA AND REQUEST REPLACEMENT OR REPAIRED UNIT.						
7	THU 06/17	1653	32 44.762	66 05.790	124	7.3	C/C R TO 123 BY FURUNO AS WE ARE 1.11 NM NORTH OF DESIRED TRACK.						
7	THU 06/17	1717	32 43.887	66 02.425	131	7.5	C/C R TO 128 BY FURUNO AS WE ARE NOW 1.12 NM NORTH OF DESIRED TRACK. CREW IS PACKING AND STRAIGHTENING UP THE SHIP FOR ARRIVAL IN PORT TOMORROW MORNING. THE YOUTH CREW VOLUNTEERED TO PREPARE OUR LAST DINNER AT SEA.						
7	THU 06/17	1721	32 43.699	66 01.855	138	7.3	C/C R TO 138 BY FURUNO TO COUNTERACT STRONG NORTHEAST CURRENT WHICH IS CARRYING US NORTHEAST OF TRACK.						
7	THU 06/17	1800	32 41.205	65 57.307	123	7.5	1800 POSITION. ESTIMATING BERMUDA HARBOUR CALL IN AT 0122, AND SPIT BUOY AT 0636.						
7	THU 06/17	1814	32 40.623	65 55.316	122	7.0	MAKE 1600 POSITION REPORT TO WAK / BORC ON 8294 KHZ. DIFFICULT TRANSMISSION AS WAK HAVING THUNDERSTORM AND NO ELECTRIC POWER. SABRINA'S 1600 POSITION IS N 33 07.84 W 66 30.23. SWIFT ASKS KUAN YIN IF WE HAVE WIND. ANSWER NEGATIVE, WINDS FLAT, SEA CALM. WAK ADVISES THE FIRST BOR BOAT IS ABOUT TO CROSS FINISH LINE. WE ADVISE WE ARE UNDER POWER AND ESTIMATE SPIT BUOY AT 0700 TOMORROW (FRIDAY) MORNING.						
7	THU 06/17	1821					BASED ON 1600 POSITION REPORTS, SABRINA IS 26.2 MILES BEHIND US JUST SLIGHTLY SOUTH OF RHUMB LINE BEARING FROM US 342 M. NO REPORT YET FROM SOLANA.						
7	THU 06/17	1830					COMMENCE KEEPING PAPER PLOT IN PARALLEL WITH ELECTRONIC CHARTS AS WE HAVE NO SOUNDINGS ANYMORE ON THE ELECTRONIC CHARTS (BERMUDA IS OFF THE ELECTRONIC CHARTS)						
7	THU 06/17	1900	32 38.757	65 49.105	160	7.4	C/C R TO 160 M (146 T) BY FURUNO TO CLOSE NORTHEAST BREAKER LIGHTS.						
7	THU 06/17	1934	32 35.367	65 46.160	122	7.4	C/C L BACK TO 122 M (108 T) BY FURUNO. PRIOR COURSE CHANGE WAS IN ERROR.	1022	12.6				
7	THU 06/17	1945	32 34.947	65 44.588	115	7.5	C/C L TO 115 M BY FURUNO TO RE-INTERSECT ORIGINAL TRACK. ETA BERMUDA HARBOUR CALL IN WAYPOINT 0034.						
7	THU 06/17	2000	32 34.612	65 42.581	115	7.3	2000 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						
7	THU 06/17	2005					CARL REPORTS LOOM OF LIGHT OFF THE STARBOARD BOW AS BERMUDA. WINS ACCLAIM AS THE FIRST CREW TO SPOT THE TRUE DIRECTION OF LAND.						
7	THU 06/17	2023	32 34.048	65 39.072	121	7.0	BRYON TESTS WATER MAKER AND DETERMINES IT MAKES 20 OZ IN 183 SECONDS. THEREFORE IT WILL MAKE 74 GALLONS PER DAY.						
7	THU 06/17	2030	32 33.926	65 38.226			2030 POSITION CHECK.						
7	THU 06/17												
7	THU 06/17	2043	32 33.586	65 36.163			BHR (BERMUDA HARBOUR RADIO) ZBM BROADCAST NOTICE TO MARINERS PICKED UP ON 16 VHF AND 27 VHF INT'L.						

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
7	THU 06/17	2045					BHR WX FORECAST: HI PRESSURE THRU FRI AND WEEKEND. WEAK COLD FRONT S-SW WINDS 6 KTS. FRIDAY W-SW 5-10 KTS, 10-15 KNOTS, WAVES 3-5' OUTSIDE REEF. SAT 15-20 INCREASING TO 20-25 KTS. WAVES 4-6' OUTSIDE REEF. SUNDAY WINDS SW 20-25, CHANGING TO W 10-15. WAVES 5-7' OUTSIDE REEF. MONDAY WINDS FROM THE WEST 10-15 KTS, WAVES 4-6' OUTSIDE THE REEF. SUNRISE 0612 FRIDAY, SUNSET 2028. LO TIDE FRI 0354 HI 1531 LOCAL TIME. SEA TEMP 78.1 F. HI TOMORROW 83 F. CONTINUOUS WEATHER IS AVAILABLE ON WX 2.						
7	THU 06/17	2055	32 33.313	65 34.500	114	8.0	NO CELL PHONE COVERAGE AVAILABLE YET.						
7	THU 06/17	2056					C/C L 5 DEGREES TO MORE QUICKLY INTERCEPT TRACK. WE HAVE RECENTLY BEEN SET SW.						
7	THU 06/17	2100	32 33.175	65 33.458			2100 POSITION.						
7	THU 06/17	2116	32 32.923	65 31.342	115	7.6	2640 FATHOMS X 6 = 15,840 FEET UNDER KEEL.						
7	THU 06/17	2118	32.32.878	65 30.973	125	7.6	JIM REPORTS BLINKING LIGHT OFF PORT BOW. THERE IS NO LAND OFF PORT BOW, SO PROBABLY A BOAT HULL DOWN.						
7	THU 06/17	2120					ACRID SMOKE FILLS THE AIR. CREW TO FIRE STATIONS. CHECK OF BOAT REVEALS CARL HAD SET A POT HOLDER TOO CLOSE TO THE STOVE. SECURED FROM FIRE STATIONS.						
7	THU 06/17	2130	32 32.687	65 29.263	117	7.3	2130 POSITION.						
7	THU 06/17	2148			107		C/C L TO 107 TO NEW WAYPOINT BEING BERMUDA NE BREAKER LIGHT OFFSET. THIS WILL GIVE US GOOD CLEARANCE OF NE BREAKER LIGHT.						
7	THU 06/17	2150	32 32.258	65 26.629	107	7.3	GPS POSITION CHECK.						
7	THU 06/17	2200	32 32.157	65 25.299	107	7.3	2200 POSITION.						
7	THU 06/17	2207	32 32.094	65 24.308	107	1.5	TEMPORARY SLOW TO REEL IN AND SECURE THE AQUAIR GENERATOR.						
7	THU 06/17	2209					UNDERWAY AGAIN ON BASE COURSE AND SPEED.						
7	THU 06/17	2300	32 32.194	65 17.255	97	7.0	2300 POSITION.						
7	THU 06/17	2305	32 32.238	65 16.461	94	7.1	MAKING CONTACT WITH BERMUDA HARBOUR RADIO ON VHF 16/27 INT'L.						
7	THU 06/17	2310					LOCAL TIME IS ONE HOUR AHEAD OF SHIP'S TIME ADVISES BHR. WE ARE TO CALL BHR AGAIN ON VHF 16/27 WHEN PASSING MILLS BREAKER BUOY. DUTY OFFICER THINKS ABOUT 4 BOR RACERS ARE IN AHEAD OF US. ANCHOR IN POWDER HOLE UNTIL DAYLIGHT, OR GO TO ORDINANCE ISLAND IF SLIP FREE TO AWAIT CUSTOMS CLEARANCE.						
7	THU 06/17	2330	32 32.519	65 12.855	102	7.3	2330 POSITION.						
8	FRI 06/18	0000	32 32.914	65 98.798	101	7.3	MIDNIGHT POSITION. STEAMING AS BEFORE.						
8	FRI 06/18	0019	32 33.208	65 06.041	102	7.1	PHIL SPOTS FL 1 SEC RED LIGHT OFF STBD BOW. CONFIRMED BERMUDA SIGHTING! ISSUE 1 CAN OF GINGER BEER TO EACH CREW MEMBER IN CELEBRATION.						
8	FRI 06/18	0030					C/C R 5 DEGREES DUE TO NW CURRENT SET.						
8	FRI 06/18	0045					BHR ON VHF 27. NAV WARNINGS. ST. DAVID'S HEAD YACHT RACE BUOYS. ABANDONED YACHT DULCINEA REPORTED ADRIFT AT 33 48 N 066 05 W JUNE 04. 35' WHITE HULL ONE MAST. AREA TO BE AVOIDED 13 MILES DISTANT FROM BERMUDA IF NOT CALLING AT BERMUDA. FL YELLOW BUOY MARKING SUBMERGED YACHT ONE METER BELOW THE SURFACE AT ST. GEORGE'S DINGY CLUB OFF BREAKWATER.						
8	FRI 06/18	0045					2330 HRS WX. HIGH PR LIGHT WINDS THRU FRI. WEAKENING COLD FRONT. FRI W SW 5-10 10-15.						
8	FRI 06/18	0045					STEVE RECOMMENDS 166 M FOR KITCHEN SHOALS AFTER OUR NE BREAKER OFFSET WAYPOINT.						
8	FRI 06/18	0127	32 32.707	64 56.232	108	7.6	4 FLASH EVERY 10 SECONDS IS GIBBS HILL LIGHT.						
8	FRI 06/18	0130	32 32.695	64 55.935	110	7.5	0130 POSITION.						

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
8	FRI 06/18	0158					ATT WIRELESS CELL PHONE COVERAGE KICKS IN. 19 NEW MESSAGES.						
8	FRI 06/18	0200	32 32.546	64 51.605			0200 POSITION.						
8	FRI 06/18	0232	32 32.390	64 46.684	108	7.9	0232 POSITION.						
8	FRI 06/18	0320	32 32	64 40	166	7.2	C/C TO 166 M WHEN NE BREAKER LIGHT HAS TURN BEARING OF 210 M.						
8	FRI 06/18	0412	32 26.4	64 36.5	195	7.1	KITCHEN SHOALS LIGHT BEARS 270 M. C/C 195 M.						
8	FRI 06/18	0442	32 23	64 36.5	281	7.0	LINING UP WITH SUGARLOAF HILL INLINE AND HEADED FOR SEA BUOY.						
8	FRI 06/18	0445	32 22.9	64 37.0		6.0	AT SEA BUOY.						
8	FRI 06/18	0457	32 22.7	64 38.5		6.0	PASS SPIT BUOY CLOSE ABOARD DOWN THE PORT SIDE, THUS CROSSING THE FINISH LINE WHEN IT BORE 090 M WITHIN 50 FEET. ALTHOUGH WE WILL BE LISTED AS "DNF" (DID NOT FINISH) BECAUSE WE MOTORED, WE HAVE MET ALL OUR ORIGINAL PRIMARY OBJECTIVES. WE HAVE BROUGHT BOTH CREW AND VESSEL SAFELY TO BERMUDA.						
8	FRI 06/18	0512					MOTOR THOUGH TOWN CUT CHANNEL INTO ST. GEORGE'S HARBOUR. CONTACT BERMUDA HARBOUR RADIO ON VHF 16/27 AND ADVISED THEM OF OUR ARRIVAL. THEY DIRECTED US TO GO TO THE DINGY CLUB AND THAT CUSTOMS WOULD CLEAR US THERE LATER IN THE MORNING.						
8	FRI 06/18	0530	32 22.635	64.40.478		0.0	MED MOOR STERN TO THE SEAWALL, ST. GEORGE'S DINGHY & SPORTS CLUB, ST. GEORGE'S ISLAND, BRITISH OVERSEAS TERRITORY OF BERMUDA. FINISHED WITH ENGINE. BERMUDA IS ON UTC - 3 HOURS, ATLANTIC DAYLIGHT TIME. SHIP'S CLOCKS AND CREW TIMEPIECES WILL REMAIN ON UTC -4, EASTERN DAYLIGHT SAVING TIME.				450.0	39.4	74.6
8	FRI 06/18	0605					COMMENCE FILLING IN CUSTOMS FORMS.						
8	FRI 06/18	0625					DREW, BRYON, AND PHIL ARE THE FIRST CREW TO SET FOOT ON THE SEA WALL, TO ASSIST IN RIGGING THE BROW.						
8	FRI 06/18	0629					POSE FOR GROUP PHOTOS ON STARBOARD DECK IN OFFICIAL KUAN YIN POLO SHIRTS.						
8	FRI 06/18	0643					RECEIVED EIGHT DARK & STORMY'S AND EIGHT SHOWER TOKENS FROM THE ST. GEORGE'S DINGY CLUB WELCOMING COMMITTEE. SKIPPER ISSUES SHOWER TOKENS AND DARK & STORMY'S TO EACH ADULT CREW MEMBER, AND SHOWER TOKENS TO EACH CREW MEMBER ON TOP OF A SMALL CYLINDRICAL TRAY ABOUT 3" IN CIRCUMFERENCE AND 6" HIGH. THE YOUTH CREW ENJOYS THEIR SHOWER TOKENS IMMENSELY.						
8	FRI 06/18	0910					BERMUDA CUSTOMS OFFICER ARRIVES AT DINGY CLUB. SKIPPER TAKES PASSPORTS AND SHIP'S PAPERS TO CLUB TO CLEAR CUSTOMS.						
8	FRI 06/18	1106					MARY WILLS AND EILEEN CHINDBLOM ARRIVE ON BOARD TO WELCOME THE INTREPID SAILORS.						
8	FRI 06/18	1200					SKIPPER GOES INTO ST. GEORGE'S WITH MARY, EILEEN, TIM, JOHN, DREW, BRYON, CARL, PHIL TO BUY FOUR DAY BUS PASSES. TOUR TOWN. THEN PROCEED BY BUS ON ROUND TRIP TO HAMILTON TO SEE THE COUNTRYSIDE. RETURN TO DINGY CLUB IN TIME FOR DARK & STORMY PARTY.						
8	FRI 06/18	1730					DARK & STORMY PARTY FOLLOWED BY BARBECUE AT ST. GEORGE'S DINGHY & SPORTS CLUB.						
8	FRI 06/18	1800					CREW WALKED OVER TO MEET WITH THE BERMUDA SEA CADET CREW OF TRAINING SHIP ADMIRAL SOMERS IN ST. GEORGE'S. THEY TOOK SKIPPER AND OUR YOUTH CREW OUT IN THEIR MOTOR LAUNCH TO WATCH THE SOMERS CREW TRAINING IN PRAMS AND SUNFISH.						
8	FRI 06/18	1930					SEA CADET SUB LIEUTENANT FRITH ARRIVES AT SEA CADET BASE FROM BERMUDA INTERNATIONAL AIRPORT WITH ARRIVING CREW MEMBER LORNA BRENNEMAN AND SUPERNUMERARY TIM MATTHEWS.						

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
8	FRI 06/18	2000					SEA CADET MEETING CONCLUDES. CREW WALKS BACK TO DINGHY CLUB.						
8	FRI 06/18	2200					EARLY TAPS FOR ALL HANDS.						
9	SAT 06/19	0000	33 22.748	64 40.099			MOORED STERN TO SEAWALL, ST. GEORGE'S DINGHY AND SPORTS CLUB, ST. GEORGE'S, BRITISH OVERSEAS TERRITORY OF BERMUDA. SKIPPER AND CREW: SAME AS BEFORE. ALL ONBOARD.						
9	SAT 06/19	0700					REVEILLE AND CODFISH BREAKFAST AT DINGHY CLUB.						
9	SAT 06/19	1400				6.0	DINGY CLUB DOCK MASTER ADVISES ALL BOATS TO CLEAR THE SEAWALL AS WINDS ARE 25 KTS AND EXPECTED TO GO TO 35 KTS OR MORE SHORTLY. KUAN YIN GETS UNDERWAY IMMEDIATELY. ENGINE DIES AS WE ARE RAISING THE ANCHOR. WE PARALLEL THE RAYCORS AND THE ENGINE STARTS AGAIN. WE FINISH RAISING THE ANCHOR AND MOTOR OUT INTO THE CHANNEL WHERE THE ENGINE DIES AGAIN. DROP ANCHOR. HOIST ANCHOR BALL. SOUND TANKS. BOTH TANKS ARE EMPTY. KUAN YIN GOT US TO THE DINGY CLUB YESTERDAY ON HER LAST DROPS OF FUEL. WAY TO GO, GIRL!				449.0		
9	SAT 06/19	1415				6.0	WE ADD THE 2.5 GALLONS OF RESERVE DIESEL FUEL AND MOTOR TO DOWLING'S MARINE SERVICES, WHERE WE FILL BOTH TANKS AND THE RESERVE CONTAINER WITH DIESEL AND FLUSH AND FILL ALL WATER TANKS.				449.6	0.6	75.2
9	SAT 06/19	1430					YOUTH CREW GRANTED SHORE LEAVE FROM DOWLINGS.						
9	SAT 06/19	1445				6.0	SKIPPER, STEVE, AND TIM TAKE KUAN YIN TO SAFE ANCHORAGE.				449.6		
9	SAT 06/19	1500	32 22.635	64.40.478		0.0	ANCHOR TO STARBOARD 45# PLOUGH WITH 200 FEET OF SCOPE IN 20 FEET OF WATER 0.3 NM BRNG 266 M FROM SEAWALL OF ST. GEORGE'S DINGHY AND SPORTS CLUB, ST. GEORGE'S, BRITISH OVERSEAS TERRITORY OF BERMUDA.				450.0	0.4	0.4
9	SAT 06/19	1600					AFTER RIGGING THE AMPAIR GENERATOR FOR WIND OPERATION, STEVE AND TIM PROCEED ASHORE VIA THE GOOD OFFICES OF CHRIS, THE DINGY CLUB WATER TAXI OPERATOR. SKIPPER REMAINS ON BOARD WITH THE ANCHOR WATCH. SKIPPER INSTALLS THE NEW AMPAIR REGULATOR WHICH WAS WAITING FOR US AT THE DINGY CLUB DURING CHECK IN. WITH 20-25 KNOTS OF WIND, AMPAIR APPEARS TO PUT OUT 3.3 AMPS. SINCE TYPICAL HOUSE LOAD WITH REFER IS ABOUT 5.5 AMPS. IT SEEMS APPARENT THAT SOLAR PANELS WILL BE NEEDED TO BE TRULY ENERGY SELF-SUFFICIENT AT ANCHOR.						
9	SAT 06/19	2000					STEVE RELIEVES THE SKIPPER ON ANCHOR WATCH. SKIPPER PROCEEDS ASHORE TO JOIN THE REST OF THE CREW AT THE FISH FRY DINNER.						
9	SAT 06/19	2100					SKIPPER CHAPERONES THE YOUTH CREW MEMBERS ON A "BERMUDA BY NIGHT" TOUR, THE BOYS HAVING BEEN JOINED BY THE TWO YOUNG LADIES THEY MET AT THE BEACH THE DAY BEFORE. TOUR INCLUDES VARIOUS NIGHT SPOTS.						
9	SAT 06/19	2400					SKIPPER AND FOUR YOUTH RETURN TO THE DINGY CLUB. THE CLUB IS CLOSED EXCEPT FOR THE HEADS AND LAUNDRY. CHRIS HAS GONE HOME AND IS NOT OPERATING THE WATER TAXI. SKIPPER AND YOUTH SPEND THE NIGHT ON THE FLOOR OF THE LAUNDRY AFTER CLEARING UP THE REMAINS OF THE WINE LEFT OVER FROM THE FISH FRY.						

DECK LOG OF SEA SCOUT TRAINING VESSEL *KUAN YIN* IN THE BERMUDA OCEAN RACE 2004
ON PASSAGE FROM ANNAPOLIS, MD, USA TO ST. GEORGE'S, BRITISH OVERSEAS TERRITORY OF BERMUDA AND RETURN

DAY	DATE 2004	TIME	N LAT	W LON	CUS M TRACK	SOG KTS	REMARKS	BARO MB	HOUSE VOLTS DC	FURUNO LOG NM	ENGINE DATA		
											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
10	SUN 06/20	0000	32 22.635	64.40.478			ANCHORED TO STARBOARD 45# PLOUGH WITH 200 FEET OF SCOPE IN 20 FEET OF WATER 0.3 NM BRNG 266 M FROM SEAWALL OF ST. GEORGE'S DINGHY AND SPORTS CLUB, ST. GEORGE'S, BRITISH OVERSEAS TERRITORY OF BERMUDA. CREW SAME AS BEFORE. SKIPPER, DREW, BRYON, CARL, PHIL, AND TIM ARE ASHORE SLEEPING ON THE FLOOR OF THE LAUNDRY ROOM OF THE ST. GEORGE'S DINGHY AND YACHT CLUB HAVING ARRIVED BACK THERE TOO LATE FOR THE LAST WATER TAXI TO THE SHIP. STEVE ALEXANDER HAS THE ANCHOR WATCH. LORNA, JOHN, AND JIM ARE ONBOARD.						
10	SUN 06/20	0730					SKIPPER AND YOUTH CREW WALK FROM DINGHY CLUB TO THE WHITEHORSE TAVERN IN ST. GEORGE FOR BREAKFAST. THEN PROCEED BY BUS TO HAMILTON. FROM HAMILTON TO THE ROYAL NAVAL DOCKYARD, IRELAND ISLAND, BY FERRY BOAT. SKIPPER WAS THRILLED TO BE ENTERING WHAT WAS FORMERLY THE ROYAL NAVY'S "GIBRALTAR OF THE WEST", THE BASTION OF BRITISH SEA POWER IN THE WESTERN ATLANTIC. THE GROUP MEETS EILEEN CHINDBLOM AND MARY WILLS. ALL DINE TOGETHER AT THE FROG AND ONION IN THE VICTUALLING YARD. PHIL IS SEVERELY DISAPPOINTED TO FIND THEY DO NOT SERVE FROGS ON ONIONS HERE, A TREAT TO WHICH THE REST OF US HAD COVINCED HIM WAS THE SPECIALITY OF THE HOUSE. THE NAME OF THE RESTAURANT ACTUALLY CAME FROM ITS FOUNDING BY A FRENCHMAN (FROG) AND A BERMUDIAN (ONION). YOUTH MEMBERS SPLIT OFF AFTER LUCH IN SEARCH OF FEMALE COMPANIONSHIP AT THE BEACH. ADULT TOUR THE EXTENSIVE MARITIME MUSUEM AT THE DOCKYARD. SKIPPER IS ESPECIALLY IMPRESSED WITH THE COMMISSIONER'S HOUSE WITH IT'S DARK WOODWORK, HIGH CEILINGS, BRASS FITTINGS, AND COMMANDING VIEW OF THE ENTRANCE TO HAMILTON HARBOUR ON THE SOUTHEAST, AND THE WIDE, BLUE ATLANTIC ON						
10	SUN 06/20	1530					SKIPPER BARELY MAKES THE HOURLY FERRY BOAT DEPARTURE BACK TO HAMILTON WITH THE REST OF THE ADULTS, HAVING AWAKENED FROM HIS NAP AND DECIDED TO TOUR THE ENTIRELY OF THE DOCKYARD IN THE FEW MOMENTS BEFORE THE FERRY SAILED.						
10	SUN 06/20	1630					ADULTS LESS JOHN TAKE TAXI FROM HAMILTON TO DINGY CLUB. YUAN YIN STILL AT ANCHOR OFF THE SEA WALL. CHRIS THE WATER TAXI DRIVER TAKES SKIPPER AND PHIL OUT TO THE SHIP, WHICH IS RUNNING HER ENGINES TO CHARGE BATTERIES.						
10	SUN 06/20	1730	32 22.635	64.40.478		6.0	SKIPPER, STEVE, AND PHIL RAISE ANCHOR AND BRING THE SHIP BACK TO MED MOOR STERN TO HER PRIOR BERTH AT THE SEAWALL, THE WIND AND WAVES HAVING FINALLY SUBSIDED. SEVERAL FRUSTRATING MOMENTS WHILE THE BOAT THAT WOULD BE OUR PORT NEIGHBOR FRANTICALLY WAVES US OFF, DESPITE OUR PREPARING TO MOOR EXACTLY WHERE THE DOCK MASTER HAD TOLD US TO MOOR. ATTEMPT TO REACH DINGY CLUB ON VHF 16, 68, OR 72 ARE UNSUCCESSFUL. FINALLY IT IS COMMUNICATED THAT THE PORT NEIGHBOR HAD SET A SECOND ANCHOR BROAD ON HER STARBOARD BOW DURING OUR ABSENCE AND WAS WORRIED THAT WE WOULD FOUL HER WINDWARD ANCHOR. IF THEY HAD USED AN ANCHOR BUOY AS WE DO, THIS CONFUSION WOULD HAVE BEEN AVOIDED.				450.0		

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
10	SUN 06/20	1830	33 22.748	64 40.099			MED MOORED BACK IN ORIGINAL BERTH ON THE SEAWALL AT ST. GEORGE'S DINGY AND SPORTS CLUB, ST. GEORGE'S, BERMUDA. THIS DELAY CAUSES US TO MISS THE BOR AWARDS CEREMONY, SO SKIPPER IN A NOT TOO HAPPY FRAME OF MIND FINALLY COMES ASHORE WITH STEVE AND PHIL TO REJOIN THE REST OF THE GROUP FOR THE BANQUET MEAL OF STEAK, BAKED POTATO, CORN ON THE COB, AND STRING BEANS. DESSERT WAS CARROT CAKE. AT LEAST WE HEARD THE BAG PIPERS DURING THE AWARDS PREAMBLE, THOUGH SKIPPER COULD NOT SEE THEM. RIG SHORE POWER.				451.1	1.1	1.5
10	SUN 06/20	1900					DURING THE DINNER, THE TWO YOUNG LADIES THE YOUTH CREW HAVE BEEN SEEING OFF AND ON DURING OUR PORT VISIT ARRIVE AT THE BOYS' INVITATION FOR THE POST-BANQUET DANCE. THE BOYS INVITE THE GIRLS TO SEE THE BOAT. THEY ARE PRESUMABLY IMPRESSED. EILEEN HAS GONE BACK TO THE GREENBANK. MARY AND CARL FOLLOW IN DUE COURSE. TIM IS OFFICIALLY DETACHED FROM KUAN YIN TO JOIN THE SHIP'S COMPANY OF PURSUIT, NORM DAWLEY SKIPPER, FOR THE RETURN TO NORFOLK. WE WILL MISS HIS SUPERIOR SEAMANSHIP SKILLS AND CHEERFUL Demeanor. JOHN ARRIVES BY BUS FROM HAMILTON.						
10	SUN 06/20	2200					THE DINGY CLUB ORCHESTRA PLAYS THE STAR SPANGLED BANNER AS THE TWO US NAVAL ACADEMY SLOOP GET UNDERWAY FOR THEIR RETURN VOYAGE TO THE UNITED STATES. A VERY MOVING MOMENT AS THE TWO SLOOP, RUNNING LIGHTS BRIGHT, PASS CLOSE ABOARD THE DINGY CLUB AND HEAD OUT TOWN CUT CHANNEL TO THE OPEN SEA. GO NAVY - BEAT ARMY!!						
10	SUN 06/20	2300					SKIPPER, STEVE, JOHN, JIM, AND LORNA, SHARE A LATE EVENING RESPITE UNDER THE BIMINI LIGHT. SKIPPER RECOUNTS THE STORY HEARD AT LAST NIGHT'S BANQUET ABOUT HOW ONE OF THE USNA SLOOP SUFFERED THE BREAKDOWN OF THEIR FUEL HIGH LIFT PUMP. THEY JURY RIGGED A REPLACEMENT USING THE GALLEY FRESH WATER FOOT PUMP. FOR FOUR HOURS EACH DAY, WHILE RUNNING THE ENGINE TO CHARGE BATTERIES, A MIDDY HAD TO BE TAPPING THE FOOT PUMP WITH HIS FOOT TO KEEP FUEL FLOWING TO THE ENGINE. THIS IS A PERFECT EXAMPLE OF THE MOTTO "ADAPT, IMPROVISE, AND OVERCOME." BRAVO ZULU, USNA.						
10	SUN 06/20	2330					TAPS. LIGHTS OUT.						
11	MON 06/21	0000	33 22.748	64 40.099			MOORED STERN TO SEAWALL, ST. GEORGE'S DINGHY AND SPORTS CLUB, ST. GEORGE'S, BRITISH OVERSEAS TERRITORY OF BERMUDA. SKIPPER AND CREW: SAME AS BEFORE. ALL ONBOARD EXCEPT CARL, WHO IS SPENDING THE NIGHT WITH HIS MOTHER AT GREENBANK BED AND BREAKFAST, HAMILTON.						
11	MON 06/21	0615					REVEILLE FOR THE SKIPPER. CATCH UP ON LOG WORK.						
11	MON 06/21	0830					BREAKFAST: BACON AND EGGS.						
11	MON 06/21	0900					HUGE NORWEGIAN CRUISE SHIP COMES INTO PORT. DREW, PHIL, AND BRYON HEAD OUT AFTER CLEANING THE BREAKFAST DISHES IN HOPES OF MEETING UP WITH GORGEOUS NORWEGIAN STEWARDESSES.						
11	MON 06/21	1000					SKIPPER, WITH HELP FROM DINGY CLUB, MAKES CONTACT WITH RAYMARINE WARRANTY FACILITY IN HAMILTON. THE OWNER IS OUT, BUT STAFF WILL ASK HIM TO CALL RE SKIPPER RE WARRANTY EXCHANGE OF FAILED RAYMARINE ST-60 WIND DISPLAY.						

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
11	MON 06/21	1100					SKIPPER MAKES CONTACT WITH RAYE HOKE AND BETTY REYNOLDS BY CELL PHONE TO ARRANGE FOR FEDEX OF KEYS THEY NEED.						
11	MON 06/21	1200					SKIPPER FINISHES REVIEWING THE MULTITUDE OF PHOTOS TAKEN BY SHARON STABLEY OF THE YORK DISPATCH DURING HER VISIT. COPIES WERE BOUGHT DOWN TO BERMUDA BY MRS. BRENNEMAN.						
11	MON 06/21	1236					CELL CALL TO JANET OF MARINE COMMUNICATIONS LTD, HAMILTON 441-292-8361, ASSISTANT TO THE PRINCIPAL, CRAIG SCOTT. NO, THEY DO NOT HAVE A REPLACEMENT RAYMARINE ST-60 WIND DISPLAY ON THE ISLAND. IF ORDERED TODAY, WOULD NOT BE HERE UNTIL FRIDAY. CRAIG WILL CALL ME TO SEE IF WE WANT TO DELAY THAT LONG.						
11	MON 06/21	1240					AFTER DISCUSSION, IT SEEMS BEST TO NOT WAIT FOR THE WIND DISPLAY BUT INSTEAD PICK UP ONE IN NEW BERN. JOHN MAKES THE NECESSARY ARRANGEMENTS THROUGH MARIA OF PORT SUPPLY AT 831-76104681 X4681 AND VICTORIA OF WEST MARINE'S NEW BERN STORE, 252-636-0650. UNIT WAS PART OF A THREE-PACK SET PURCHASED AT ANNAPOLIS WEST MARINE ON 3/19/04 USING THE PORT SUPPLY CARD FOR \$1,228.45.						
11	MON 06/21	1430					SKIPPER AND JOHN DEPART SHIP AND GO TO DOWNTOWN HAMILTON BY BUS. JOHN NEEDED TO GET HIS VIDEO CAMERA FIXED, AND SKIPPER NEEDED TO FEDEX TWO SETS OF KEYS TO THE STATES AND BUY A PARALLEL PRINTER CABLE TO TRY TO GET THE COMPUTER TO SPEAK TO THE PRINTER AND PRINT THIS LOG. THE USB CONNECTION SEEMS DEFECTIVE AND WON'T PRINT USING THE USB CABLE.						
11	MON 06/21	1530					SKIPPER AND JOHN RENDEZVOUS WITH LORNA AND JIM ON FRONT STREET. WE WAIT FOR THE YOUTH CREW WHO HAD BEEN GIVEN THE OPTION OF JOINING US, BUT THEY DON'T SHOW UP.						
11	MON 06/21	1830					STEVE JOINS THE OTHER ADULTS AT THE SWIZZLE INN FOR DINNER.						
11	MON 06/21	2200					THE ADULTS RETURN TO THE SHIP.						
12	TUE 06/22	0000	33 22.748	64 40.099			MOORED STERN TO SEAWALL, ST. GEORGE'S DINGHY AND SPORTS CLUB, ST. GEORGE'S, BRITISH OVERSEAS TERRITORY OF BERMUDA. SKIPPER AND CREW: SAME AS BEFORE. ALL ONBOARD EXCEPT THE FOUR YOUTH CREW WHO ARE STILL ONSHORE IN SEARCH OF ADVENTURE.			1230			
12	TUE 06/22	0030					BRYON, DREW, PHIL, AND CARL ARRIVE BACK ON BOARD.						
12	TUE 06/22	0600					REVEILLE.						
12	TUE 06/22	0900					COMPUTE DISTANCE TRAVELED TO DATE ON THIS VOYAGE FROM ANNAPOLIS, MD TO ST. GEORGE'S, BERMUDA IS 1230 NM - 449 NM = 781 NM BY FURUNO GPS.						
12	TUE 06/22	0905					PAY DOCKAGE BILL TO ST. GEORGE'S DINGY & SPORTS CLUB. (1.10 / NIGHT PLUS ELECTRIC). PRESENT THE CLUB SECRETARY WITH A TOKEN OF OUR APPRECIATION. CLEAR CUSTOMS WITH TENTATIVE DEPARTURE DATE AND TIME OF NOON TOMORROW.						
12	TUE 06/22	1000					SKIPPER, STEVE, AND JOHN MAKE A DAY OF IT GOING TO ST. GEORGE'S, VISITING A MUSEUM, A BOOK STORE, A CD STORE, GODET & YOUNG'S MARINE HARDWARE STORE, AND HAVING A LATE LUNCH BY PENNO'S WHARF.						
12	TUE 06/22	1600					SKIPPER, STEVE, AND JOHN RETURN TO THE SHIP. DREW AND PHIL ARE THERE. REST ARE PRESUMABLY STILL IN TOWN OR HEADING FOR THE AIRPORT, AS JOHN, BRYON, JIM, MARY, AND EILEEN ALL FLY BACK TO THE STATE TONIGHT.						

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
12	TUE 06/22	1630					DREW AND PHIL DIVE THE ANCHOR TO ENSURE WE ARE NOT FOULED WITH OUR NEIGHBOR TO PORT. ALL CLEAR.						
12	TUE 06/22	1710					PREPARE TO GO TO THE AIRPORT TO SEE OFF OUR DEPARTING CREW MEMBERS AND FRIENDS.	1018					
12	TUE 06/22	1752					CELL CALL FROM LORNA. THE FLIGHT BOARDED EARLY, SO JOHN, JIM, BRYON, MARY, AND EILEEN ARE ALREADY ON THE PLANE. THERE IS NO POINT COMING TO THE AIRPORT AT THIS POINT. SKIPPER IS SAD AS HE HAD WISHED TO MAKE PRESENTATIONS OF LOG COPIES TO THE DEPARTING CREW.						
12	TUE 06/22	2000					SKIPPER, STEVE, AND PHIL DINE AT AN ITALIAN RESTAURANT IN ST. GEORGE'S.						
12	TUE 06/22	2100					SKIPPER, STEVE, AND PHIL MEET UP WITH DREW AND CARL IN THE MAIN SQUARE, ST. GEORGE'S.						
12	TUE 06/22	2200					SKIPPER AND STEVE WATCH DREW, CARL, AND PHIL ENTER THE WHITE HORSE TAVERN AND FOLLOW THEM IN.						
12	TUE 06/22	2330					SKIPPER AND DREW RETURN TO THE SHIP.						
13	WED 06/23	0000	33 22.748	64 40.099			MOORED STERN TO SEAWALL, ST. GEORGE'S DINGHY AND SPORTS CLUB, ST. GEORGE'S, BRITISH OVERSEAS TERRITORY OF BERMUDA. SKIPPER AND CREW: SAME AS BEFORE. ALL ONBOARD EXCEPT STEVE, CARL, AND PHIL.						
13	WED 06/23	0045					STEVE, CARL, AND PHIL RETURN TO THE SHIP.						
13	WED 06/23	0800					REVEILLE.						
13	WED 06/23	0900					SKIPPER CHECKS OUT WITH THE ST. GEORGE'S DINGY CLUB STAFF AND THANKS THEM FOR THEIR GREAT HOSPITALITY: VERNA OATLEY - OFFICE SECRETARY, GARY BRANGMAN - ASSISTANT DOCK MASTER. CHRIS POPE, THE WATER TAXI DRIVER, WAS NOT THERE, BUT HIS HELP WAS NOTED AND APPRECIATED. VERNA RECOMMENDS THAT WHEN WE COME NEXT YEAR FOR THE MARION TO BERMUDA RACE, WE ENLIST THE ASSISTANCE OF TOM WHAYMAN OF THE ROYAL HAMILTON AMATEUR DINGY CLUB, WHO WILL BE OUR HOST: 441-505-3872.						
13	WED 06/23	0930					SKIPPER RECEIVES WREATH CARL ORDERED FOR USE IN A MEMORIAL SERVICE TO BE HELD AT SEA WHEN WE ARE UNDERWAY.						
13	WED 06/23	1015					GROCERIES ARRIVE FROM SOMERS GROCERY. DREW, CARL, AND PHIL HELP STRIKE THE GEAR BELOW.						
13	WED 06/23	1115					SKIPPER AND DREW DEFLATE THE DINGY AND STOW IT. SKIPPER DISMANTLES "THE DECAPITATOR", AKA THE AQUAIR WIND GENERATOR ON THE FOREDECK. RE-RIG THE REMOVABLE INNER FORESTAY.						
13	WED 06/23						UNDERWAY FROM ST. GEORGE'S FOR ROYAL NAVAL DOCKYARD, IRELAND ISLAND, BRITISH OVERSEAS TERRITORY OF BERMUDA.				451.1		
13	WED 06/23						PROCEEDING BY MARKED SOUTH CHANNEL.						
13	WED 06/23						PASSING SAILBOAT POINTS TO LINE DRAGGING IN THE WATER. IT TURNS OUT TO BE OUR ANCHOR BUOY LINE. DREW CAN'T RETRIEVE IT FROM THE FOREDECK, SO IT IS ASSUMED TO BE WRAPPED AROUND THE PROP.				454.2	3.1	4.6

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
13	WED 06/23						ARRIVE ROYAL NAVAL DOCKYARD, IRELAND ISLAND, BRITISH OVERSEAS TERRITORY OF BERMUDA. PROCEED TO GAS DOCK. AFTER SOME DELAY, A VIETNAMESE GENTLEMAN COMES OUT AND TURNS ON THE GAS PUMP. WE ALSO PUMP OUT THE SEWAGE WE HAVE BROUGHT ALL THE WAY FROM THE CHESAPEAKE. THIS IS APPARENTLY THE ONE AND ONLY SEWAGE PUMP OUT FACILITY ON THE ISLAND, AND IS H-A-N-D OPERATED! YES, WITH A MANUAL BILGE PUMP. TAKE ON _____ LITERS OF FUEL. GIVE BOAT A FREE FRESH WATER WASH DOWN.						
13	WED 06/23						DREW DIVES UNDER THE BOAT AND FREES THE ANCHOR BUOY LINE FROM AROUND THE PROP. IT HAD FUSED ITSELF INTO A MOLTEN MASS.						
13	WED 06/23						UPON COMPLETION OF FUELING, PROCEED TO END OF T PIER AT THE NORTH BASIN PUBLIC DOCK.				454.2		
13	WED 06/23	1700	32 19.578	64 49.982			AFTER SECURING BOAT AT PUBLIC DOCK, SKIPPER AND STEVE GO FOR SUPPER AT THE FROG AND ONION. DREW AND LORNA GO TO PIRATES COVE.				454.7	0.5	0.5
13	WED 06/23	2100					AFTER SUPPER, STEVE RETURNS DIRECTLY TO THE BOAT. SKIPPER PROCEEDS THROUGH THE DOCKYARD TAKING IN THE HISTORY, AND FINALLY PROCEEDS TO THE COMMERCIAL AREA OF SOUTH BASIN SEA WALL. OBSERVES A CABLE LAYING SHIP AND A POLISH SAIL TRAINING SHIP. THE POLISH CREW WILL BE HAPPY TO RECEIVE US FOR A TOUR OF THEIR SHIP TOMORROW AFTERNOON. SKIPPER ALSO NOTES THE EXTENSIVE SEA WALL ART COLLECTION - CRESTS FROM EACH SHIP THAT HAS CALLED HERE - ROYAL NAVY, US NAVY, GERMAN AND ITALIAN SHIPS, ETC. IT WOULD BE NICE TO ADD A CREST FROM KUAN YIN.						
13	WED 06/23	2200					SKIPPER RETURNS TO THE SHIP AFTER MEETING THE YOUTH CREW ASHORE AND SUGGESTING THEY TRY TO LINK UP WITH THE CADETS FROM THE POLISH SHIP, SOME OF WHOM ARE FEMALE.						
13	WED 06/23	2230					NOW THAT THE WATER MAKER IS WORKING, SKIPPER TAKES A SHOWER ON THE BOAT.						
13	WED 06/23	2300					DREW, CARL, AND PHIL RETURN TO THE SHIP FOR A REST, THEN PROCEED TO TRY TO SCORE CHICKS FROM THE CRUISE SHIP BERTHED AT NORTH BASIN. SKIPPER SETS 2400 SHIP'S TIME AS CURFEW.						
13	WED 06/23	2400					ALL CREW MEMBERS HAVE RETURNED TO SHIP.						
14	THU 06/24	0000	32 19.578	64 49.982			MOORED PORT SIDE TO THE T PIER, PUBLIC DOCK, NORTH BASIN, ROYAL NAVAL DOCKYARD, IRELAND ISLAND, BRITISH OVERSEAS TERRITORY OF BERMUDA. CREW: SAME AS BEFORE. PORT FUEL TANK ON SERVICE, STARBOARD TANK ON STANDBY. PORT AFT UPPER AND PORT LOWER WATER TANKS ON SERVICE, STARBOARD LOWER AND UPPER AND PORT FORWARD UPPER TANKS ON STANDBY.			1244	454.7		
14	THU 06/24	0745					REVEILLE.						
14	THU 06/24	0830					REPAIR HELM LOCK WHICH HAD BECOME DISENGAGED. DISASSEMBLED THE TOP OF THE STEERING PEDESTAL AND RECONNECTED THE BRAKE.						
14	THU 06/24	1000					BREAKFAST: BACON AND EGGS AND CHEESE MUFFINS.						
14	THU 06/24	1100					SKIPPER AND STEVE TOUR ROYAL NAVAL DOCKYARD MUSEUM. STEVE RETURNS TO THE BOAT. SKIPPER TOURS THE SHOPPING AREA.						

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING	
14	THU 06/24	1330					SKIPPER MEETS THREE FEMALE POLISH SEA CADETS, AGES 19-21, WHO ARE HERE ON THEIR TALL RIGGED SHIP, ISKRA, FROM GDYNIA. THEY ACCEPT SKIPPER'S INVITATION TO VISIT KUAN YIN. IN PHOTO TAKEN BY SKIPPER OF THE CADETS IN THE STERN SHEETS, THEY ARE, LEFT TO RIGHT, OLGA, ULA, AND MAGDA. THEIR EMAIL TO SEND THEM COPY OF THE PHOTO IS SKORPIKORKA@ORV.LV.G408							
14	THU 06/24	1540					REPAIRS UNDERWAY TO ORIGINAL ELECTRIC BILGE PUMP. DREW REMOVES BLACK PLASTIC GUNK THAT WAS BLOCKING THE BILGE SUCTION.							
14	THU 06/24	1600					SKIPPER, LORNA, AND DREW HAVE A FINAL MEAL ASHORE AT THE PIRATES LANDING PUB. SKIPPER HAS FISH AND CHIPS.							
14	THU 06/24	1700					CELL PHONE CALLS TO MR. ACCARDO AND TO TIM BAREFOOT.							
14	THU 06/24	1830					SUPPER: HAMBURGERS, SALAD, APPLESAUCE, RUM SWIZZLES.							
14	THU 06/24	1929					COMMENCE RUNNING ENGINE TO CHARGE BATTERIES.					454.7		
14	THU 06/24	2150					SECURE ENGINE.					457.0	2.3	2.8
14	THU 06/24	2200					TAPS. LIGHTS OUT.							
15	FRI 06/25	0000	32 19.578	64 49.982			MOORED PORT SIDE TO THE T PIER, PUBLIC DOCK, NORTH BASIN, ROYAL NAVAL DOCKYARD, IRELAND ISLAND, BRITISH OVERSEAS TERRITORY OF BERMUDA. CREW: SAME AS BEFORE. PORT FUEL TANK ON SERVICE, STARBOARD TANK ON STANDBY. PORT AFT UPPER AND PORT LOWER WATER TANKS ON SERVICE, STARBOARD LOWER AND UPPER AND PORT FORWARD UPPER TANKS ON STANDBY.							
15	FRI 06/25	0600					REVEILLE FOR THE SKIPPER AND WATCH SECTION A (SKIPPER AND PHIL).							
15	FRI 06/25	0616	32 19.578	64 49.982			UNDERWAY FROM T PIER, PUBLIC DOCK, NORTH BASIN, ROYAL NAVAL DOCKYARD, IRELAND ISLAND, BRITISH OVERSEAS TERRITORY OF BERMUDA, BOUND FOR BEAUFORT, NC, USA.					457.0		
15	FRI 06/25	0625					CIRCLE THE SOUTH BASIN, ROYAL NAVAL DOCKYARD, TO VIEW POLISH TALL RIGGED SAILING SHIP ASKRA, GYDINYA AND TO VIEW THE SEA WALL ART. SEA WALL ART CONSISTS OF SHIP'S CRESTS PAINTED ON THE WALLS AND BUILDINGS OF THE DOCKYARD AREA COMMEMORATING THEIR LAYOVERS IN BERMUDA. EVIDENT ARE LARGE NUMBERS OF ROYAL NAVY SHIPS, US NAVY SHIPS, USCG SHIPS, AND RUSSIAN, GERMAN, ITALIAN, AND OTHER SHIPS. THE SKIPPER WOULD VERY MUCH LIKE TO BE PREPARED TO LEAVE A KUAN YIN CREST THERE UPON OUR NEXT CALLING AT BERMUDA.							
15	FRI 06/25	0630					STEERING VARIOUS COURSES AT 7.2 KNOTS SOG ALONG THE SOUTH CHANNEL TOWARDS THE SPIT BUOY OFF TOWN CUT CHANNEL AT ST. GEORGE'S.							
15	FRI 06/25	0648					PORT TO PORT PASSAGE WITH INBOUND CRUISE SHIP SEVEN SEAS NAVIGATOR, NASSAU.							
15	FRI 06/25	0750					COMMENCE RIGHT TURN INTO THE NARROWS CHANNEL TOWARDS THE SPIT BUOY ON TURN BEARING WITH FORT ST. CATHERINE'S BEARING 130 M.							
15	FRI 06/25	0800	32 23.816	64 40.376	145	7.3	0800 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS. ON DECK SECTION B, COMMODORE AND CARL.	1018	12.8	1256				

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DAY	DATE 2004	TIME	N LAT	W LON	CUS M TRACK	SOG KTS	REMARKS	BARO MB	HOUSE VOLTS DC	FURUNO LOG NM	ENGINE DATA		
											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
15	FRI 06/25	0810					BREAKFAST. BANANAS, MELON, AND BURGER, EGG, AND CHEESE BISCUITS.						
15	FRI 06/25	0816	32 22.688	64 38.427	97	7.3	PASSING SPIT BUOY CLOSE ABOARD. C/C FOR SEA BUOY.						
15	FRI 06/25	0825					CHECKING ENGINE HOURS.						
15	FRI 06/25	0828	32 22.961	64 36.721			PASSING SEA BUOY CLOSE ABOARD TO PORT.						
15	FRI 06/25	0900					PHONE MESSAGE FROM MARILYN WASHBURN OF SHIP 22 ATLANTA AREA COUNCIL, HOME PHONE 404-288-5553, EMAIL MWASH01@EMORY.EDU. SHE AND HER FRIEND JD ARE INTERESTED IN ATTENDING THE FALL SAFETY AT SEA SEMINAR.						
15	FRI 06/25	0937	32 18.080	64 40.267	211	2.5	SECURED ENGINE. SET MAIN, MIZZEN, AND GENOA.	1020	12.3	1266	460.3	3.3	6.1
15	FRI 06/25	0956	32 17.227	64 40.361	207	2.6	DEPLOYED AQUAIR WATER GENERATOR. TAKES ABOUT FOUR KNOTS TO GET THE AQUAIR SPINNING.						
15	FRI 06/25	1000	32 17.042	64 40.391	186	5.5	1000 POSITION. TEMPERATURE 81.0 DEGREES F BELOW DECKS.	1020	12.0				
15	FRI 06/25	1015			301	4.7	COME ABOUT TO STARBOARD TACK.	1020					
15	FRI 06/25	1050	32 16.881	64 43.809	300	5.0	CHECK OUT WITH BERMUDA HARBOUR RADIO. ADVISE 6 POB AND ETA BEAUFORT, NC IN 6 DAYS.	1020					
15	FRI 06/25	1059					CELL CALL TO TIM BAREFOOT. SUGGEST FREQUENCIES 6.224 MHZ, 8.294 MHZ, AND 12.359 MHZ AS USED BY BOR ON OUTBOUND LEG.G479	1020					
15	FRI 06/25	1100	32 16.944	64 44.617	300	4.0	1100 POSITION. COME ABOUT TO PORT TACK.	1018	12.0				
15	FRI 06/25	1103					PUMP BILGE. PUMP RUNS APPROXIMATELY 15 SECONDS TO DRAIN BILGE.						
15	FRI 06/25	1104					ACTIVATE WATER MAKER.						
15	FRI 06/25	1117					GIBBS HILL LIGHT SPOTTED WITH HAND HELD COMPASS						
15	FRI 06/25	1204	32 15.049	64 46.983	300	4.4	NOON POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.	1020	11.4	1276			
15	FRI 06/25	1215	32 14.946	64 47.553	200	4.6	C/C TO STARBOARD TACK. SKIES BLUE WITH PUFFY CLOUDS. SUN IS WARM. ALL IS WELL. PHIL IS COOKING HOT DOGS AND BAKED BEANS FOR LUNCH.						
15	FRI 06/25	1245					C/C TO PORT TACK. SAILING FULL AND BY.	1018	11.0				
15	FRI 06/25	1300	32 13.202	64 48.960	308	4.3	1300 POSITION.	1018	11.1				
15	FRI 06/25	1315					C/C TO STARBOARD TACK.						
15	FRI 06/25	1345	32 12.028	64 51.275	310	4.2	C/C TO PORT TACK. SAILING FULL AND BY.						
15	FRI 06/25	1400	32 12.609	64 52.419	320	5.3	1400 POSITION.	1018	11.5	1284			
15	FRI 06/25	1500	32 14.622	64 57.004			1500 POSITION.						
15	FRI 06/25	1520					C/C TO STARBOARD TACK.						
15	FRI 06/25						PREPARATION FOR A LOG IN TO HERB HILGENBERG'S SOUTHBOUND 2 (SB2) ON SSB 12359.0 AT 1930 Z, 1530 Q.						
15	FRI 06/25						THIS IS S/V IS KUAN YIN DEPARTING BERMUDA BOUND FOR BEAUFORT, NC						
15	FRI 06/25						LOCATION IS N 32 14.6 W 64 57.0						
15	FRI 06/25						DESTINATION IS BEAUFORT, NC						
15	FRI 06/25						BAROMETER READING IS 1018 MB						
15	FRI 06/25						SEA STATE IS --- 2						
15	FRI 06/25						CLOUD COVER IS ---- 40%						
15	FRI 06/25	1535					ISLAND DREAMS IN BERMUDA STANDING BY. MANTRA DEPARTING BERMUDA FOR ST. JOHNS NEW BRUNSWICK STANDING BY. KUAN YIN SOUTH OF BERMUDA BOUND FOR BEAUFORT, NC STANDING BY.						
15	FRI 06/25	1536					STRONG AMERICA STANDING BY.						
15	FRI 06/25	1538					BRIGHT STAR NORTH OF BERMUDA HEADING TO NEWPORT						
15	FRI 06/25	1538	32 13.620	64 58.049			C/C TO PORT TACK.						
15	FRI 06/25						NORTH STAR, WAW STANDING BY						
15	FRI 06/25						QUEG QUEG STANDING BY						

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DAY	DATE 2004	TIME	N LAT	W LON	CUS M TRACK	SOG KTS	REMARKS	BARO MB	HOUSE VOLTS DC	FURUNO LOG NM	ENGINE DATA		
											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
15	FRI 06/25						MY DESTINY IN HARBOR BERMUDA DEPARTING TOMORROW FOR ANNAPOLIS						
15	FRI 06/25						DELIA						
15	FRI 06/25						ECTORIOD						
15	FRI 06/25						SOLO EN ROUTE TO HARBOUR						
15	FRI 06/25	1546	32 13.899	64 58.303			MISCHIEVOUS JUST NORTH OF BERMUDA HEADING TO NEWPORT						
15	FRI 06/25						ESTELLE STANDING BY						
15	FRI 06/25						OTHERS FAINTLY HEARD						
15	FRI 06/25	1557					HERB ACKNOWLEDGES CAT'S PAW, MISCHIEVOUS, ETC.						
15	FRI 06/25						GENEVA						
15	FRI 06/25						MEANDERER, SOLANA, FIGARO, WIND SONG, ENTRÉE,						
15	FRI 06/25	1600	32 14.350	64 59.030			1600 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						
15	FRI 06/25						37 38 20 GULF STREAM. SLIGHT CHANGE IN NE MEANDER. N OF 41 SUNDAY MORNING.						
15	FRI 06/25						MARY MADELINE IN NEWFOUNDLAND. HEADING TO AZORES. WAIT UNTIL LOW A- - BACKING WIND SHIFT WAIT UNTIL SUNDAY WHEN LOW HAS TRACKED TO CAPE RACE SUNDAY MORNING. 18-20 KNOTS. THEN 15-20 KTS. NE WINDS EARLY SUNDAY MORNING. 50N 47W NE OF NEWFOUNDLAND. MON TUE L						
15	FRI 06/25	1620	32 15.044	65 00.275	332	4.4	CHUBB'S HEAD BEACON ABEAM TO STARBOARD, APPROXIMATELY 3 NM.						
15	FRI 06/25						SW TO 25KTS TO 30 IN GULF STREAM FRONTAL LINE PASS LATER TOMORROW NW WIND SHIFT 18-20. WINDS FROM S TO SW TONIGHT, BUILD IN MORNING AS YOU MOVE TOWARDS GULF STREAM, TO NW 18-20 BY EVENING. BOAT REPLIES KEEPING BELOW 32. WARM EDDY 71 30 33 N 72 W WAYPOINT. SW 15 BY EVENING 18-20. MISS THE --- GULF STREAM. NO SENSE TO HEAD TO CHESAPEAKE HEADWINDS AND EDDY. STAY SOUTH.						
15	FRI 06/25						35 26 N 71 45 W POSITION OF A BOAT. WANT TO HEAD SOUTHERLY TO AVOID GULF STREAM GALE. EDDY 35 N 73 W TO 34 N 72W LINE RADIUS OF EDDY IS 80 NM,						
15	FRI 06/25						PUSH MORE SOUTHERLY TO AVOID HEAVY WEATHER IN THE GULF STREAM.						
15	FRI 06/25						SETTING IN WESTERLY , NORTHERLY 73-74 WEST. WX LINE W TO NW OVERNIGHT LIGHT, 10 KTS, TOMORROW EVENING, 73 WEST, 12-15 KTS, SUNDAY NIGHT SW FOR MOST OF SUNDAY, STAY NEW 31 N KEEP IN LIGHT SOUTH WESTERLY MON TUE LOW PRESSURE FORCE LINE TO NORTH LAYING COURSE FOR CHARLESTON ON MONDAY WITH WINDS TO SW 10-12 KTS,						
15	FRI 06/25						SHOWTIME GOOD AFTERNOON 35 N. 35 40 N 69 30 W. EDDY. CLOSING LO PRESSURE TROUGH. BY MORNING 37 N 68 W NW GRADUALLY BACKING. EVENING TOMORROW WINDS INTENSIFY. 41 N 68 W PROBABLY SEE WIND BUILDING FROM 41 N 68 W TO 37 N 70 W LATE TOMORROW. BUILDING 15-20, GUSTING 25. GOING TO NEWPORT. WEAK FRONT NEWPORT SUNDAY NIGHT.						
15	FRI 06/25						CALLING ASTROID. TRY LATER.						
15	FRI 06/25						TENSION SB TO BERMUDA. THEN BOATS LEAVING BERMUDA. 32 38 N 67 24 W W OF 15-20 SW, 1-2' 1020 MB. GET FRONTAL LINE PASSING WINDS SHIFT NIGHT TO NW LOW 36 N 69 W TOWARDS YOU, SHIFT GUSTS OVERNIGHT, THEN WINDS S 15- 18 AS APPROACH BDA. SUNDAY WINDS DROP SW 10-15, WINDS STALL OVER BDA.						
15	FRI 06/25	16:44					BOATS LEAVING BDA, CATS PAW ETC.						

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
15	FRI 06/25						35 10 N SITTING SW OF LOW LYING ON W SIDE OF COLD EDDY MOVED INTO IT EARLY PART OF DAY. W OF 69 30. HEADING TO --. AT CURRENT POSITION PICK UP NW WINDS TONIGHT, TOMORROW SW TO 18-20 KTS, TOMORROW EVENING 25-30 SW AS FRONT APPROACHES YOU LOW 41 N, THEN NW WIND SHIFT, 20 KTS, MON AND TUE WINDS 36N NE WIND SHIFT ON SUNDAY AND MON TOWARD CHESAPEAKE, PROBLEM IS THE WIND TOMORROW. COUNTERCURRENT SOUTHERLY WESTING THEN NE OR NW, CAPE HATTERAS, DELIA 20 MILES AHEAD OF YOU. IF LYING FURTHER SOUTH, BETTER CONDITIONS. BET 34 30 N 1 KT COUNTERCURRENT. 33 N CUT ACROSS. CATS PAW AND NORTH STAR.						
15	FRI 06/25						NORTH STAR 1015MB, SEEING 38W EARLY TOMORROW MORNING, THEN SW BUILDING 20-25.						
15	FRI 06/25	1650					OFF SOUNDINGS.						
15	FRI 06/25						MISCHIEVOUS 65 05 W, 32 55 N W AT 15 KTS, CURRENTS AIM 35 N 68 W ALONG FAVORABLE NW CURRENT 35 N 68 W GULF STREAM						
15	FRI 06/25						THEN ON TO NEWPORT.						
15	FRI 06/25						SECOND LOW. FRONTAL SHIFT TOMORROW NIGHT TO NW 20 KTS THEN BACK SW SUNDAY AFTERNOON WINDS 15 MONDAY. FINISH WITH SW.						
15	FRI 06/25						SOLO IS 33 15 N 64 43 W TO NOVA SCOTIA. 10 KTS W, 3-4' SEA. TONIGHT TRACKING NE 18-20 KTS. WINDS WNW TO SW TOMORROW EVENING 35 30 N, WINDS BUILDING, SECOND LOW PRESSURE 20-25 AT 35 30 N, LIGHTER SOUTH. SUNDAY FRONT WILL PUSH THRU, GUSTY N OF 36 N ON SUNDAY, WINDS 25-30 AHEAD OF FRONT, LATE SUNDAY 20, HEAVING WINDS IN GS N OF. SUNDAY BACK NW TO W AS FURTHER NORTH. TUE WINDS SW. COMPLEX LO NW OF REGION CAPE BRETTON TO NEWFOUNDLAND, MORE SOUTH, MORE MODERATE. SOLO OUT.						
15	FRI 06/25						MANTRA.						
15	FRI 06/25						BRIGHT STAR OR WHITE STAR?						
15	FRI 06/25						MY DESTINY. IN BDA, LEAVE TOMORROW. TO CHESAPEAKE. TOMORROW WINDS PICK UP N OF BDA. 12-15 BECOMING SW. N OF 33 N 20 KTS. SUNDAY FRONTAL LINE TO 33 N IN TRANSIT, STALLING FRONTAL LINE, 180 CLOCKING WIND SHIFT, 35 N BY SUNDAY EVE 12-15 FROM NNE. MONDAY TO MONDAY NIGHT WINDS E NE BDA TO 33N E NE E 10 KTS. CLOCKING WIND SHIFT. TUE AS WARM FRONT RETURNS TO NORTH. TOMORROW DEPARTURE BETTER. IF GET THRU FRONTAL LINE SUNDAY, NE SHIFT FOR SUNDAY MONDAY. MY DESTINY OUT.						
15	FRI 06/25						ISLAND DREAM. IN BDA TO NEWPORT TOMORROW MORNING. IF LEAVING TOMORROW MORNING, WINDS SW W THEN NW LATER IN PM, NW TO W IN AM, THEN SW 15-20 IN EVENING. SUN CROSS FRONT, HOLD SW 18-20 EARLY SUNDAY, THEN NW TO N SHIFT LIGHT. MONDAY HIGH AT 37 N 70 W,						
15	FRI 06/25	1705	32 17.873	65 03.253	350	6.0	1700 POSITION.						
15	FRI 06/25						DELIA. IN BDA. LEAVE SUNDAY MONDAY TO CAPE COD REGION.						
15	FRI 06/25						BLUE PEARL.						
15	FRI 06/25	1746	32 21.098	65 05.630	343	4.9	WE HAVE SUNK THE LAND (CAN'T SEE IT ANYMORE).						
15	FRI 06/25						PLAN CONTACT WITH TIM BAREFOOT. FREQUENCIES 6.224 MHZ, 8.294 MHZ, AND 12.359 MHZ AS USED BY BOR ON OUTBOUND LEG.						
15	FRI 06/25	1800	32 21.997	65 06.476	341	5.7	1800 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUT.						
15	FRI 06/25	1801					ATTEMPT CONTACT WITH TIM BAREFOOT (AA3BJ) ON 6224.0						
15	FRI 06/25	1805					ATTEMPT CONTACT WITH TIM BAREFOOT (AA3BJ) ON 8294 KHZ						
15	FRI 06/25	1811	32 22.774	65 07.224	340	5.7	12359 KHZ IN USE BY SB2.	1018	11.4				

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
15	FRI 06/25	1823					START ENGINE TO CHARGE BATTERIES.			1304	460.3		
15	FRI 06/25	1830	32 24.095	65 08.233	353	6.2	ENGAGE SHAFT. RUNNING AT 2000 RPM.	1016					
15	FRI 06/25	1910					SECURE ENGINE FOR EVENING SERVICES.				461.1	0.8	6.9
15	FRI 06/25	1915					SERVICE FOR QUARTERMASTER CHIEF JOHN MARTIN CHINDBLOM, USCG (RET'D). POETRY READINGS INCLUDED JOHN MASEFIELD'S "TALL SHIP" AND "CROSSING THE BAR". CONCLUDED WITH SINGING "ETERNAL FATHER STRONG TO SAVE".						
15	FRI 06/25	1921	32 26.946	65 12.714			CHIEF'S CHINDBLOM'S SON, CARL MARTIN CHINDBLOM, LAYS A MEMORIAL WREATH UPON THE WATERS AS THE CREW OBSERVES A MOMENT OF SILENCE. POSITION IS AT LATITUDE 32 DEGREES 26.946 MINUTES NORTH, 65 DEGREES 12.714 MINUTES WEST LONGITUDE, BEING 20.6 NM ON BEARING 306 M FROM ROYAL NAVAL DOCKYARD, IRELAND ISLAND, BRITISH OVERSEAS TERRITORY OF BERMUDA.						
15	FRI 06/25	1932					GLORIOUS SUNSET. ACTIVATE RUNNING LIGHTS AND TRICOLOR LIGHT.						
15	FRI 06/25	1940					TAKE FIRST REEF IN THE MAIN AS A PRECAUTION.						
15	FRI 06/25	2000	32 28.435	65 15.430	318	4.3	2000 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.	1018	11.1	1314			
15	FRI 06/25	2024					SECURE WATER MAKER TO CONSERVE POWER DURING THE NIGHT.						
15	FRI 06/25	2030					STILL HEARING BERMUDA HARBOUR RADIO.						
15	FRI 06/25	2021					RUN BILGE PUMP. NO ACCUMULATED WATER.						
15	FRI 06/25	2025					ACTIVATE RADAR. NO SURFACE CONTACTS - NO ATMOSPHERIC DISTURBANCES OUT TO 24 NM.						
15	FRI 06/25	2353					ON DECK SECTION A. RELIEVE THE WATCH.						
16	SAT 06/26	0001	32 41.184	65 33.385	345	7.2	MIDNIGHT POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUT.						
16	SAT 06/26	0010			270	6.6	AS SECTION A (SKIPPER AND PHIL) CAME ON WATCH, RADAR SHOWED A MAJOR ATMOSPHERIC DISTURBANCE AT 045 RELATIVE, DISTANCE 12 MILES. ALL HANDS WERE CALLED TO DOUSE THE MAIN AND TAKE IN THE JIB. ENGINE WAS STARTED TO CHARGE BATTERIES AND KEEP UP WITH THE ELECTRIC DEMANDS OF THE RADAR. A SAILING VESSEL, --- STAR, WAS ENCOUNTERED HIDDEN IN THE STORM RETURN, HEADING NORTH, TRYING TO DOUSE HER MAIN AS WELL. WE SPOKE HER ON VHF 16. ONCE WE HAD RIGGED SHIP FOR HEAVY WEATHER, SECTION A TOOK THE WATCH, STEERING 270 M THROUGH THE REMAINDER OF THE WATCH.				461.1		
16	SAT 06/26	0400	32 40.795	65 56.104			0400 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUT.						
16	SAT 06/26	0625					SPOKE SAILING VESSEL LOTUS OUT OF OUTER BANKS NC BOUND FOR BERMUDA FOR THE HAMPTON CUP RACE.						
16	SAT 06/26	0650					SET 60% GENOA AND HOISTED MAINSAIL ON PORT TACK.						
16	SAT 06/26	0755					CAME ABOUT TO STARBOARD TACK. MAKING 100 DEGREES PER TACK.						
16	SAT 06/26	0800	32 42.635	66 20.686	238	5.6	0800 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUT.		12.7	1376			
16	SAT 06/26	0803					ATTEMPT CONTACT WITH TIM BAREFOOT (AA3BJ) ON 6224 KHZ.						
16	SAT 06/26	0807					ATTEMPT CONTACT WITH TIM BAREFOOT (AA3BJ) ON 8294 KHZ						
16	SAT 06/26	0810					ATTEMPT CONTACT WITH TIM BAREFOOT (AA3BJ) ON 12359 KHZ						
16	SAT 06/26	0816					ATTEMPT CONTACT WITH TIM BAREFOOT (AA3BJ) ON 6224 KHZ.						
16	SAT 06/26	0821					ATTEMPT CONTACT WITH TIM BAREFOOT (AA3BJ) ON 8294 KHZ						
16	SAT 06/26	0826					ATTEMPT CONTACT WITH TIM BAREFOOT (AA3BJ) ON 12359 KHZ						
16	SAT 06/26	0830					SECURE ENGINE FROM BATTERY CHARGING.				468.8	7.7	14.6
16	SAT 06/26	1200					NOON. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUT.						
16	SAT 06/26	1246	32 23.480	66 37.872			BELATED NOON POSITION AS OF 1246.						

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
16	SAT 06/26	1402					HEAVE TO AND HAUL IN THE AQUAIR WHICH IS NOT PERFORMING TO SPEC. MANUAL SAYS IT SHOULD BE PUTTING OUT 5 TO 6 AMPS AT 6 KTS BOAT SPEED. BASED ON BALMAR WITH ALL OTHER ELECTRICAL DRAINS OFF, APPEARS AQUAIR ADDS ON 1.3 TO 1.5 AMPS. SOUNDS LIKE IT HAS A BAD BEARING, AS VIBRATION AND NOISE IS CONSIDERABLE.						
16	SAT 06/26	1415					DREW DISCOVERS THAT THE INSTARS SWITCH ON THE MAIN DC DISTRIBUTION PANEL MUST BE ON FOR THE KNOT LOG TO OPERATE.						
16	SAT 06/26	1430	32 15.924	66 42.664	226	4.8	1430 GPS POSITION CHECK. SHIP AS BEEN STEERING 210-220 WITH WHEEL LOCKED ALL WATCH. GENTLE SWELLS. BLUE SKIES. PUFFY WHITE CLOUDS. PHIL SIGHTS A FLYING FISH AND A INSTRUMENTS MAN OF WAR.						
16	SAT 06/26	1442	32 15.208	66 43.255	345	3.7	C/C TO PORT TACK AS WE ARE NOW 23.2 OFF TRACK TO THE SOUTH OF RHUMB LINE FOR BUOY 14 OFF BEAUFORT, NC.		12.0	1408			
16	SAT 06/26	1500	32 16.007	66 44.076	331	5.0	1500 POSITION. CHUBS HEAD LIGHT IN BERMUDA IS 90 NM ASTERN BEARING 103 M BELOW THE HORIZON. WE ARE NOW RUNNING PARALLEL TO AND SOUTH OF THE RHUMB LINE TO BEAUFORT. WE WILL SOON BE ON THE SOUNDINGS OF THE GARMIN BLUE CHART CARTOGRAPHY.						
16	SAT 06/26	1512	32 16.625	66 44.926	316	5.6	RAN BILGE PUMP TO SOUND BILGE.						
16	SAT 06/26	1533					COMMENCE CHECK IN PROCEDURE ON SSB 12359 KHZ WITH SOUTHBOUND TWO (SB2). TERRIBLE STATIC IN RECEPTION, EVEN WITH INVERTER OFF.		11.7				
16	SAT 06/26	1600	32 18.934	66 48.215	320	4.0	1600 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUT.		11.6				
16	SAT 06/26	1604					SWITCH TO SSB 8294.0 KHZ IN ATTEMPT TO MONITOR SB2 ON ALTERNATE FREQUENCY. ALL QUIET.						
16	SAT 06/26	1605					SWITCH BACK TO SSB 12359.0 KHZ. HEAR SB2 VERY FAINTLY.						
16	SAT 06/26	1610					SB2 CALLS IN TURN SPEEDWELL, VALKARIE, MARY MADELEINE, SHOWTIME, GRANDMAR, EVALEE, NERIAD, BERMUDA BOATS						
16	SAT 06/26	1628					SB2 TO BERMUDA BOATS. 35 20 N 68 W WSW 20-25. WILL BUILD TO SW GALE FORCE 35-40 KNOTS. 36 37 N. LET FRONT MOVE THROUGH. BENEFITS SUBSTANTIAL. MOVES THROUGH AT MIDNIGHT, THEN WINDS TO NW 15 KTS. SIT THERE 4-5 HOURS. FURTHER SOUTH 25-30 KTS. IF CARRY ON SQUALLY GALE FORCE. LET PASS. WINDS BACK TO SW EARLY MONDAY MORNING. SE MONDAY TO TUESDAY. ONLY WORRY NOW TO MIDNIGHT.						
16	SAT 06/26						SOLO. 34 N 64 57 W LAST NIGHT NO NW WINDS. BACKING TO S THEN W 16 KTS. WEAK FRONTAL BANDS. 10 MILES THICK. STRONG WINDS NORTH OF 36 NORTH. TWO LO PRESSURES CONSOLIDATING INTO ONE POSITION. MONDAY BENIGN. E SE MONDAY. TUE NORTHERLY LOW COMING OFF COAST 40 N 64 W BY TUE = SW SHIFT TUE. 25-30 KTS. MONDAY ONCE CLEAR FRONTAL LINE, LIGHT CLOCKING WINDS. 35 N TOMORROW NE TO E TO ESE 10-15 KTS ON MONDAY.						
16	SAT 06/26						MORNING GLORY. 40 29 N 53 02 W TRUE WIND 190 AT 20 KTS. DOING 18-20 KTS. IN-BETWEEN HIGH AND LOW S OF NOVA SCOTIA. TOMORROW MORNING, WINDS TO SW AND PREP FOR SEVERE STORM FORCE CONDITIONS. IF HEADING FOR CORK ISLAND, TOMORROW MORNING WILL BE 42 N 49 W, OVER 18 HOURS WINDS S SW TOMORROW MORN 45-60 KTS, VERY HEAVY CONDITIONS. MINIMIZE BY GO ESE TO 39 N 48 W, WILL HAVE SW WINDS 30-35 KTS, NOW SW WINDS, THANKS. NASTY THAT QUADRANT NEXT 24-28 HRS.						

**DECK LOG OF SEA SCOUT TRAINING VESSEL KUAN YIN IN THE BERMUDA OCEAN RACE 2004
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DAY	DATE 2004	TIME	N LAT	W LON	CUS M TRACK	SOG KTS	REMARKS	BARO MB	HOUSE VOLTS DC	FURUNO LOG NM	ENGINE DATA		
											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
16	SAT 06/26						32 45 N 65 28 W MY DESTINY. STAY ON 32 N, MORE MODERATE CONDITIONS. IF PUSHED TO 33 N WILL SEE WINDS PICKUP 18-20, TOMORROW EVENING FRONTAL LINE WILL STALL AT 34 NORTH, MAKE MORE WESTING TO STAY 10-12, TO STAY IN LIGHTER WINDS, WINDS WILL EASE SOUTH OF 34 NORTH. SW SOUTH OF 34 N THRU MON NIGHT, IF 70 W 30 32 N, WINDS, IF 34 N SW AT 30-35 KTS, MAKE WESTERLY, TUE WED SW TOWARDS CHESAPEAKE, WE'RE 313, RECOMMEND MORE WEST? YES, TRY S OF -- GET STRONGER WINDS, PUSH W, NOT NW, MON N OF 33 N W OF 70 W, GET SW 30-35 HIGHER WINDS. ? GETTING ANY WESTERLY CURRENT? NO, NE SETTING OF 1 KT. WARM EDDY N OF YOU, ... WESTING IF POSSIBLE WILL AVOID ... WILL HEAD MORE WEST.						
16	SAT 06/26						ISLAND DREAM. 33 02 N 65 W WESTERLY WINDS 10 KTS. EN ROUTE TO NEWPORT. WINDS WILL PICKUP N OF 34 NORTH, THERE 35 KTS, SLOW DOWN, WINDS UP TO 20 OVERNIGHT, 25 AS CLOSE FRONTAL BOUNDARY, THEN CLOCK TO MON MORN 34-37 N TO NE DIRECTION ... GULF STREAM .. VERY COMPLEX SYSTEM, GET NW SHIFT, LIKELY CLOCK TO NE, FRONTAL LINE WILL SWING NORTH AND DISSIPATE, BUT PICKING UP ANOTHER LOW IN GULF OF MEXICO, WILL DRAG FRONTAL LINE N BY TUE, INCREASING WINDS OVERNIGHT, N OF 34 35 N CLOCK NE TO E MONDAY NIGHT. BE VERY CAUTIOUS ... SW 30 KTS, SLOW DOWN TO LET LOW MOVE AWAY, WED LIGHTER SW FLOW, STALL FROM 40 N 60 W LITTLE CONSISTENCY, 24-48 HOURS, COMPUTERS HAVING TROUBLE COPING WITH THIS COMPLEX SYSTEM.						
16	SAT 06/26	1655	32 22.054	66 51.967	334	4.8	ISLAND DREAM. 32 42 N 64 51 W. HEADING TO CHESAPEAKE AS MY DESTINY. TRY TO MAKE AS MUCH WESTING AS YOU CAN. HEADING REALLY TO DELAWARE BAY. HEADING TO CHESAPEAKE NOW IS NOT ATTRACTIVE. DEALING WITH LOW W OF YOU ... PUSHED TO NW, SUN GOOD WIND N NE VARIABLE ON N SIDE. NEW LOW ON MON NIGHT GALE FORCE CONDITIONS W OF 70 W ON MONDAY NIGHT. GO WEST IF CAN, SHOULD BE 12-15 TONIGHT, S OF 34 NORTH, OUT						
16	SAT 06/26	1658					ADELIA. TOMORROW FINE, LOW COMING OFF COAST MON INTO TUE, IF LEAVE TOMORROW, UPDATED DATA NEW LOW OFF CAPE HATTERAS MONDAY STRONG WINDS N OF REGION. IF START ... SW 10 TOMORROW EVE, 34 N STILL SW EARLY MON, AS MOVE ACROSS, WINDS BACK TO SE 10-15 KTS, GOOD NEAR 35 36 N, TUE WITH LOW POTENTIAL GALE 40 N 64 WEST, FRONT CROSS NORTH OF YOU, UP TO 35 KTS, 37 N, CONTINUE ...						
16	SAT 06/26	1700	32 22.384	66 52.310			1700 POSITION.						
16	SAT 06/26	1701					TRIED TO CALL SB2, HE COULDN'T HEAR ME.						
16	SAT 06/26	1702					STRONG AMERICA. 42 20 N 52 03 W. SEAS 2-4 FM EAST, CUS 103 T, WIND SW AT 10-15, 1020 MB.						
16	SAT 06/26	1731	32 24.331	66 54.051			USCG BARK EAGLE UNDER SAIL OFF PORT BOW CALLS ON CHANNEL 16 AND ACKNOWLEDGES THEY ARE THE GIVE WAY VESSEL, BUT ASK US TO GIVE WAY AS WE ARE THE "HANDIER" VESSEL. WE READILY AGREE, AND REQUEST PERMISSION TO COME CLOSE ASTERN TO TAKE PHOTOS. PERMISSION GRANTED.						
16	SAT 06/26	1750					CPA TO USCG BARK EAGLE. WHAT A SIGHT UNDER JIBS, STAYSAILS, AND LOWER SAILS.						
16	SAT 06/26	1813	32 27.065	66 55.883			1813 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUT.						
16	SAT 06/26	1904	32 29.980	66 58.185			1904 POSITION.						

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DAY	DATE 2004	TIME	N LAT	W LON	CUS M TRACK	SOG KTS	REMARKS	BARO MB	HOUSE VOLTS DC	FURUNO LOG NM	ENGINE DATA		
											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
16	SAT 06/26	2000	32 33.589	67 01.381			2000 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						
16	SAT 06/26	2100	32 38.081	67 05.836			2100 POSITION.						
16	SAT 06/26	2200	32 42.930	67 10.799	335	6.9	2200 POSITION.		12.5				
17	SUN 06/27	0000	32 51.515	67 22.622	320	6.8	MIDNIGHT POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUT.		12.6				
17	SUN 06/27	0414	33 10.646	67 40.272			0400 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUT. ALL HANDS CALLED OUT TO DOUSE MAIN AND JIB. PROCEEDING UNDER POWER WITH MIZZEN ALONE. STEEP SEAS. FIVE FOOT APPROXIMATELY. LIVING CONDITIONS BELOW VERY DIFFICULT.		10.6		468.8		
17	SUN 06/27	0801	33 07.344	67 47.139			0800 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUT. SET 40% OF GENOA AND COME RIGHT TO COURSE 300 TO 335 M.						
17	SUN 06/27	1201	33 21.593	68 07.757	315	6.7	NOON. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUT.						
17	SUN 06/27	1600	33 36.133	68 25.116	315	6.7	1600 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUT. SECURE THE ENGINE.		12.3	1541	483.7	14.9	29.5
17	SUN 06/27	1601					COMMENCE CHECK IN PROCEDURE ON SSB 12359 KHZ WITH SOUTHBOUND TWO (SB2). TERRIBLE STATIC IN RECEPTION, EVEN WITH INVERTER OFF.						
17	SUN 06/27	1640					34 42 N 67 35 W ISLAND DREAM TO NEWPORT. GOT THRU FRONTAL BOUNDARY THIS AM, 18-22 KTS, WINDS CLOCKED TO NW 5-8 KTS, NOW WINDS LESS THAN 5 KTS. DOUBLE REEFED MAIN AND JIB, SO STAYED POWERED UP TO CUT THROUGH. AT 36 N WINDS WILL 180 NE TO E BY TOMORROW AM, LIGHT 10 KTS OR LESS, IF GO TOO FAR WEST OF 68 WEST, RUN INTO 20-25 KTS WINDS. NEW LOW NEAQR 39 N 71 WEST WILL. DISTANCE IS BEST TO AVOID. IF GET TO 37 30 BY TOMORROW AM, GET ON N SIDE OF LOW, ASSUMING CURRENT SPEED AND AIMING FOR NEWPORT, WINDS BUILDING OUT OF SE 20-25 KTS. TUE AM LOW AT 39 30 N AND 67 W. 30 MILES S OF THAT SW WINDS ON TUE, 35-40 KTS WINDS. GET N OF 39 30 GET 40 N 70 W, MISS HEAVY WIND PATTERN. WINDS WOULD LIKELY BACK. YOU WOULD END UP ON N WITH WINDS BACKING. TRY NOT TO BE BETWEEN 36 AND 39 NORTH ON TUESDAY. HOPING S EDGE OF GULF S TOMORROW. TILL NOW CURRENTS NEUTRAL. 34 30 AND 35 30 GET 1 KT OF CURRENT IN NW DIRECTION FROM GULF. STRONGEST CURRENT LIES 69 30 AND 66 W LONG RUNS ESE, NEAR 68 W 3 KTS. IDEALLY BEST PLACE TO CROSS 37 20 N 69 30 W, BUT PUTS YOU CLOSE TO LOW CELL BY TOMORROW NIGHT. QUESTION						
17	SUN 06/27						BOATS HEADING TO NEWPORT. BOATS TO CHESAPEAKE. ACE GOOD AFTERNOON. LEFT BDA. THUNDERLINE STALLING NEAR 34 N TONIGHT MOVING N TOMORROW AND W END WILL BECOME OCCLUDED FRONTAL BOUNDARY WITH LOW AT 37 N 71 W SO TOMORROW GOOD CONDITION, WINDS SW DROP OFF, AT 34 35 N WINDS UP FROM SW TO 20 KTS AS TO GET NEAR RETURNING WARM FRONT AT 36 30 N. S SIDE SW 20 KTS. E OF 68 W ... TUE WHEN LOW LIES AT 39 30 N 40 N, AT 67 W, EXPECT WINDS TO BUILD TO 35-45 NORTH IN GULF STREAM. FRONT MOVES ACROSS TUE, BEHIND GET QUICK MODERATION, BY LATE TUE NIGHT. TRY NOT GET NORTH OF 34 N OR 35 N, STAY SOUTH OF 35 N UNTIL TUE MORNING, LET FRONT PASS, BEHIND FRONT WINDS WILL EASE. EXTENDED OUTLOOK IF SLOW, WED AM TO 37 30 IN REGION OF GULF STREAM, WINDS NW BACK W BY WED EVE, VARIABLE W SW 10-15 KTS ASSUMING NEWPORT THURS, WITH NEW LOW OFF HATTERAS TUE NIGHT, WINDS WILL CLOCK FROM NW TO NE ON WED AS YOU CROSS GS AND CONTINUE TO BACK TO NE NEAR NEWPORT. IF SLOW, 15-20 KTS TOMORROW EVEN. 34-35 N ON EDGE OF GALE FORCE. CARRY ON TUE NIGHT SW 25 TO NW AT 10-15 TUE NIGHT. WED TROUGHT MOVING NORTH. AS LOW PASSES, WINDS BACK TO NE ON						

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
17	SUN 06/27						IF STAY S OF 35 MIGHT GET 20-25, N OF THAT GALE IN GULF STREAM.						
17	SUN 06/27	1800					RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						
17	SUN 06/27	1915					START ENGINE TO CHARGE BATTERIES. WINDS LIGHT. DETERMINE TO STEER COURSE 290 RHUMB LINE COURSE FOR NORTH CAROLINA. DOUSE MAIN AND JIB.				483.7		
17	SUN 06/27	1949					OBSERVE SUNSET. TURN ON RUNNING AND STEAMING LIGHTS AND TRICOLOR.						
17	SUN 06/27	1950					OBSERVE FOUR POWER BOATS IN FORMATION STEAMING FOR BERMUDA.						
17	SUN 06/27	2004	33 35.315	68 36.328			2000 POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUTS.						
17	SUN 06/27	2010					SUPPER: SPAGHETTI, SALAD, AND GARLIC BREAD.						
17	SUN 06/27	2015					ALL THREE PORT WATER TANKS ARE EMPTY. ONLY THE PORT AFTER UPPER AND PORT LOWER WERE ON SERVICE, SO PORT FORWARD UPPER MUST BE SOMEHOW CROSS CONNECTED TO THEM. START WATER MAKER OUTPUT INTO PORT TANKS ONLY. PUT STARBOARD TANKS ON SERVICE.						
17	SUN 06/27	2139	33 37.207	68 46.744	290	6.1	GPS POSITION CHECK	1020	12.5	1565			
18	MON 06/28	0000					MIDNIGHT POSITION. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUT. STEAMING AS BEFORE.						
18	MON 06/28	0350	33 45.935	69 30.288			0350 POSITION..						
18	MON 06/28	0353	33 46.006	69 30.646			0353 POSITION.						
18	MON 06/28	0501	33 36.428	69 01.835			0501 POSITION.						
18	MON 06/28	0531					OBSERVE SUNRISE. EXTINGUISH RUNNING LIGHTS. INPUT DESTINATION WAYPOINT INTO FURUNO. ETA OFF CAPE LOOKOUT IS WED AT 0926 AT CURRENT SOG. COURSE TO WPT IS 291.2.						
18	MON 06/28	0600					WATCH SECTION A DOES DECK CLEANUP, COILING LINES, OPENING ALL HATCHES, TURNING VENTILATORS INTO THE WIND, PUTTING AWAY THE AQUAIR, WHICH IS NOT BEING USED, ETC. FURL MIZZEN, WHICH IS JUST SLATTING. SEA IS FLAT, WITH BIG SWELL. SKIPPER ESTIMATES TODAY WILL BE HOT AND SULTRY.						
18	MON 06/28	0704	33 48.912	69 54.604	291	6.5	0704 POSITION.	1020	12.8	1623			
18	MON 06/28	0812	33 49.893	70 03.094			POSITION.						
18	MON 06/28	1216	33 55.795	70 32.285			POSITION.						
19	TUE 06/29	0000	34 00.927	71 35.131			MIDNIGHT. ASSUMED POSITION. CAPE HATTERAS INLET BEARS 290T, 250 NAUTICAL MILES. CHUBBS HEAD, BERMUDA BEARS 105T, 425 NAUTICAL MILES. SAILING AS BEFORE AT SEA EN ROUTE FROM BERMUDA TO NORTH CAROLINA. RELIEVE THE WATCH. RELIEVE THE WHEEL AND LOOKOUT. STEVE COMES OFF WATCH. SKIPPER COMES ON WATCH. STORM CONDITIONS. MOON STILL VISIBLE. COMPASS LIGHT OUT.						

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
19	TUE 06/29	0200					MOON SETS. PITCH BLACK. WITHOUT COMPASS LIGHT, IMPOSSIBLE TO KEEP SHIP ON CONSISTENT HEADING. SEAS CONFUSED. TAKING SIGNIFICANT ROLLS. SKIPPER SENDS MESSENGER OF THE WATCH TO WAKE STEVE AND SAY, "THE SKIPPER SENDS HIS RESPECTS AND ASKS YOU TO DON YOUR FOUL WEATHER GEAR AND JOIN HIM IN THE COCKPIT."						
19	TUE 06/29	0230					RIGHT IN THE MIDDLE OF A BIG ASS HONKIN' STORM. LIFE DOWN BELOW IMPOSSIBLE. 12 FOOT SEAS, 40 KT WINDS. STRUCK ALL SAILS AND LYING AHULL PORT BEAM TO THE SEAS. SIGHT TWO COMMERCIAL VESSELS CLOSE ABOARD. ACTIVATE OUT STROBE LIGHT. ONE VESSEL SIGHTS US JUST AS WE ARE GETTING READY TO LAUNCH WHITE POSITION FLARE. THEY SAY THE WEATHER CONDITIONS ARE SCHEDULED TO REMAIN THIS WAY FOR 36-48 HOURS, OTHER SAYS FRONT WILL PASS THROUGH QUICKLY. ASK BOTH VESSELS TO REPORT US SAFE BUT IN ROUGH SEAS TO THE USCG UPON ARRIVAL NORFOLK / NEW YORK. THEY WILL DO SO.						
19	TUE 06/29	1219	34 07.823	72 41.306			DELAYED NOON POSITION AT 1219. CAPE HATTERAS INLET BEARS 249T, 188 NAUTICAL MILES. CUBBS HEAD, BERMUDA LIGHT BEARS 104T, 488 NAUTICAL MILES.						
19	TUE 06/29	1407	34 06.450	72 47.087	264	5.1	1400 POSITION. STORM HAS MODERATED SOMEWHAT. STILL GIGANTIC SEAS UP TO 12 FEET, SEA STATE FIVE. SKIES WERE CLEAR EARLIER, NOW OVERCAST. ABOUT 180 MILES FROM CAPE LOOKOUT STEERING FOR BEAUFORT, NC. ALL WELL, BUT READY FOR BETTER WEATHER. BELOW DECKS LOOKS AS THOUGH BOMB WENT OFF AND SCATTERED STUFF EVERYWHERE. COMPUTER SCREEN DAMAGES WHILE AIRBORNE. LOWER RIGHT QUADRANT OF SCREEN DAMAGED BY SALT WATER SHORTING OF THE PIXELS. HARD DRIVE SEEMS OKAY.	1018	12.6	1787			
19	TUE 06/29	1415					PAIR OF DOLPHINS SIGHTED ACCOMPANYING US. CHEERFUL RELIEF FROM GRAY SKY. HAD PB&J FOR LUNCH.						
19	TUE 06/29	1501	34 06.271	72 52.674			POSITION.						
19	TUE 06/29						DREW SOUNDS STARBOARD TANK AND ESTIMATES 22-23 GALS REMAINING. WITH 2.5 IN PORT TANK, AND 2.5 IN BLUE RESERVE CAN, THAT'S APPROXIMATELY 27 GALS FUEL REMAINING. COME TO 2500 RPM TO MAXIMIZE FUEL CONSUMPTION. 27 GALS / 0.8 GAL PER HOUR = 33.75 HOURS RUN TIME * 4.5 NAUTICAL MILES PER HOUR = 151.875. AT 6 KTS = 202.5 NM						
19	TUE 06/29	1506					SECURE WATER MAKER TO SAVE ELECTRICITY. 0.0 GALS SOUNDING THE PORT FORWARD UPPER TANK. PORT LOWER TANK IS FULL. STARBOARD LOWER WATER TANK IS FULL. RACOR VACUUM IS ZERO. PORT WATER TANKS ON SERVICE, STARBOARD CLOSED.						
19	TUE 06/29	1530	34 05.937	72 56.300			POSITION.						
19	TUE 06/29	1542					SECURE ENGINE AND ALL NON-ESSENTIAL ELECTRIC IN EFFORT OF MAKE CONTACT WITH SB2. CARL ADVISES FREQUENCY HAS CHANGED TO 12365.0.						
19	TUE 06/29	1544					NO CONTACT WITH SB2 OR ANY OTHER STATION ON 12365.0. RESUME COURSE AND SPEED AT 2500 RPM. 203 NM IN TO BEAUFORT HARBOR BY GARMIN. 34 HOURS 25 MINUTES TIME TO GO AT CURRENT COURSE AND SPEED. 27.7 GALS FUEL ESTIMATED NEEDED.						

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
19	TUE 06/29	2000					ENGINE DIED SUDDENLY. OUT OF FUEL ON STARBOARD TANK. PRIOR READING PRESUMABLY IN ERROR.				531.6	47.9	77.4
19	TUE 06/29	2000					NOTE: ALL LOG ENTRIES FROM HERE ON ARE RECONSTRUCTED AFTER THE FACT FROM DATA OBTAINED FROM THE GPS WAYPOINTS, ETC. IT WAS NOT FEASIBLE TO MAKE CONTEMPORANEOUS LOG ENTRIES DUE TO THE SCREEN OF THE LAPTOP BEING USED ON BOARD KUAN YIN AT THE TIME HAVING BECOME DAMAGED BY SALT WATER.						
20	WED 06/30	0000											
20	WED 06/30	2020	34 29.083	74 47.650			POSITION.						
20	WED 06/30	2056	34 28.597	74 49.572			POSITION.						
21	THU 07/01	0000											
21	THU 07/01	0144	34 43.962	75 04.947			POSITION.						
21	THU 07/01	0154	34 44.677	75 05.320			POSITION.						
21	THU 07/01	0307	35 10.580	75 43.777			POSITION.						
21	THU 07/01	0308	34 44.794	74 59.362			POSITION.						
21	THU 07/01	0313	35 12.604	75 43.168			POSITION.						
21	THU 07/01	1311	35 04.204	75 20.027			POSITION.						
21	THU 07/01	1400	35 05.123	75 21.898			COMPLETELY OUT OF FUEL. AWAITING THE ARRIVAL OF LOCAL SEA TOW OPERATOR WITH TWO FIVE GALLON CONTAINERS OF DIESEL FUEL.						
21	THU 07/01	1616	35 09.078	75 39.347									
21	THU 07/01	1630	35 09.453	75 40.641			AWAITING ARRIVAL OF USCG CUTTER TO GUIDE US THROUGH THE HATTERAS INLET.						
21	THU 07/01	1737	35 10.455	75 45.041			HAVING PAST THE HATTERAS INLET BUOY, WE ARE PREPARING TO FOLLOW 41 FOOT USCG CUTTER THROUGH CAPE HATTERAS INLET.						
21	THU 07/01	1940					MOORED PORT SIDE TO ODEN'S WHARF, HATTERAS. USCG CONDUCTS A FULL BOARDING INSPECTION. SINCE WE ALREADY HAD A SAFETY INSPECTION DECAL, THIS WAS OPTIONAL, BUT WE WERE HAPPY TO HELP. REFUELED AT PIER, AND PAID FOR THE FUEL BROUGHT OUT BY SEA TOW.						
21	THU 07/01	2244	35 17.586	75 52.610			IN PAMLICO SOUND.						
22	FRI 07/02	0000											
22	FRI 07/02	0537	35 03.483	76 32.862			ENTERING NEUSE RIVER OFF RATTAN BAY.						
22	FRI 07/02	0748	34 57.723	76 48.892			BEGINNING TURN NORTHWEST TO ENTER UPPER NEUSE RIVER OFF WILKINSON POINT.						
22	FRI 07/02	0927	35 04.771	77 00.556			IN NARROW PART OF NEUSE RIVER OFF BLACK BEACON POINT. TOWN OF NEW BERN IS IN SIGHT. TRYING TO ARRIVE BY 1000 TO MEET ARRIVAL TIME GIVEN TO DREW'S GRANDPARENTS BY CELL PHONE.						

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											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING
22	FRI 07/02	1001					AWAITING OPENING OF SWING BRIDGE AT NEW BERN. MARINA IS IN SIGHT.						
22	FRI 07/02	1004					BEGIN PASSAGE THROUGH THE SWING BRIDGE.						
22	FRI 07/02	1010	35 06.020	77 02.358			MOORED IN SLIP AT THE BRIDGEPOINT MARINA, NEW BERN, NC AFTER A JOURNEY OF APPROXIMATELY 880 NAUTICAL MILES FROM ROYAL NAVAL DOCKYARD, IRELAND ISLAND, BRITISH OVERSEAS TERRITORY OF BERMUDA. MR. AND MRS. GEMMILL, DREW'S GRANDPARENTS, HAD ALL THEIR FRIENDS ON THE PIER TO GREET US. DREW HAD THE HELM FOR THE ARRIVAL. MARINA IS LOCATED AT 101 HOWELL ROAD, NEW BERN, NC 28562 (252-637-7372).						
22													
22													
23	SAT 07/03	0000	35 06.020	77 02.358			MOORED AS BEFORE IN SLIP AT BRIDGEPOINT MARINA, NEW BERN, NC. SKIPPER AND CREW RESIDING ASHORE AT HOME OF MR. AND MRS. BRUCE GEMMILL.						
23													
24	SUN 07/04	0000	35 06.020	77 02.358			MOORED AS BEFORE IN SLIP AT BRIDGEPOINT MARINA, NEW BERN, NC. SKIPPER AND CREW RESIDING ASHORE AT HOME OF MR. AND MRS. BRUCE GEMMILL.						
24	SUN 07/04	2130	35 06.020	77 02.358			SKIPPER, CREW, AND GUESTS M/M GEMMIL, DR. PLAY, AND OTHERS OBSERVE THE ANNUAL NEW BERN FOURTH OF JULY FIREWORKS FROM THE COCKPIT OF <i>KUAN YIN</i> . ONE OF THE BEST SEATS IN THE HOUSE.						
25	MON 07/05	0000	35 06.020	77 02.358			MOORED AS BEFORE IN SLIP AT BRIDGEPOINT MARINA, NEW BERN, NC. SKIPPER AND CREW RESIDING ASHORE AT HOME OF MR. AND MRS. BRUCE GEMMILL.						
25	MON 07/05	0900					TAKE GEMMILL FAMILY FOR A SHORT CRUISE.						
26	TUE 07/06	0000	35 06.020	77 02.358			MOORED AS BEFORE IN SLIP AT BRIDGEPOINT MARINA, NEW BERN, NC. SKIPPER AND CREW RESIDING ASHORE AT HOME OF MR. AND MRS. BRUCE GEMMILL.						
26	TUE 07/06						PICK UP BINNACLE SHROUD, MODIFIED TO HOLD RAYMARINE INSTRUMENTS.						
27	WED 07/07	0000	35 06.020	77 02.358			MOORED AS BEFORE IN SLIP AT BRIDGEPOINT MARINA, NEW BERN, NC.						
27	WED 07/07						UNDERWAY FROM BRIDGEPOINT MARINA, NEW BERN, NC FOR ORIENTAL, NC. SKIPPER AND BOAT CAPTAIN DREW BRENNEMAN ARE ONLY PARTIES ONBOARD.						
27	WED 07/07		35 01.475	76 41.733			ARRIVE AT ORIENTAL MARINA, ORIENTAL, NC. DREW HAD HELM AND MISTOOK LOCATION OF MARINA ENTRANCE. TEMPORARY GROUNDING. NO HARM DONE.						
28	THU 07/08	0000	35 01.475	76 41.733			MOORED AT BEFORE IN SLIP AT ORIENTAL MARINA, ORIENTAL, NC						
28	THU 07/08		35 01.475	76 41.733			LEAVE BEFORE ORIENTAL MARINA CHECK OUT TIME AND MOVE TO ADJACENT PUBLIC SLIP TO CONTINUE WORK ON BOAT PROJECTS.						
29	FRI 07/09	0000	35 01.475	76 41.733			MOORED AS BEFORE IN SLIP ADJACENT TO ORIENTAL MARINA, ORIENTAL NC.						
29	FRI 07/09	2144	35 11.494	76 35.158			ANCHORED TO STARBOARD PLOW IN 13 FEET OF WATER, JUST WEST OF ICW ENTRANCE INTO GALE CREEK, NC.						
30	SAT 07/10	0000	35 11.494	76 35.158			ANCHORED AS BEFORE, JUST WEST OF ICW ENTRANCE INTO GALE CREEK, NC.						

DECK LOG OF SEA SCOUT TRAINING VESSEL *KUAN YIN* IN THE BERMUDA OCEAN RACE 2004
ON PASSAGE FROM ANNAPOLIS, MD, USA TO ST. GEORGE'S, BRITISH OVERSEAS TERRITORY OF BERMUDA AND RETURN

DAY	DATE 2004	TIME	N LAT	W LON	CUS M TRACK	SOG KTS	REMARKS	BARO MB	HOUSE VOLTS DC	FURUNO LOG NM	ENGINE DATA			
											ENGINE HOURS CUM	HRS RUN THIS PERIOD	CUM HRS SINCE FUELING	
30	SAT 07/10		35 26.663	76 76.737			ANCHOR OFF BSA'S PAMLICO SEA BASE IN BLOUNT'S BAY, PAMLICO RIVER, NC. SKIPPER ROWS ASHORE IN DINGY TO VISIT THE SEA BASE. DREW REMAINS ONBOARD. SKIPPER MET SEA BASE DIRECTOR REGGIE CAHOON (SEABASE2004@HOTMAIL.COM) AND INSTRUCTORS FRANCHONE BASS AND ISAAC NISSEN. FRANCHONE AND ISAAC LATER ACCEPTED INVITATION TO COME OUT TO KUAN YIN FOR ICE CREAM.							
31	SUN 07/11	0000					MOORED PORT SIDE TO PIER, DREWERY CREEK MARINA, NC.							
31	SUN 07/11	2156	36 17.939	75 58.304			MOORED IN EDGE OF SWAMP JUST WEST OF ICW. MOSQUITOS ARE TERRIBLE.							
32	MON 07/13	0000	36 17.939	75 58.304			MOORED AS BEFORE IN EDGE OF SWAMP JUST WEST OF ICW.							
32	MON 07/12	0500					UNDERWAY FOR NORFOLK, VA.							
32	MON 07/12	0700					STOP FOR ICE AND SUPPLIES AT COINJOCK MARINA, COINJOCK NC.							
32	MON 07/12	1500					PASS THROUGH LOCK AT GREAT BRIDGE, VA.							
32	MON 07/12	1900					ARRIVE NORFOLK, VA. MOORED AT -- MARINA.							
33	TUE 07/13	0000					MOORED AS BEFORE AT -- MARINA, NORFOLK, VA.							
	TUE 07/13	1000					TOUR BATTLESHIP USS WISCONSIN (BB-64)							
34	WED 07/14	0000					MOORED AS BEFORE AT -- MARINA, NORFOLK, VA.							
34	WED 07/14	0800					UNDERWAY FROM NORFOLK, VA BOUND FOR PASADENA, MD.							
35	THU 07/15	0000					UNDERWAY UP THE CHESAPEAKE BAY EN ROUTE FROM NORFOLK, VA TO PASADENA, MD.							
35	THU 07/15	0708					RETURNED HOME. VOYAGE COMPLETED SAFE AND SOUND. MOORED IN NEW SLIP E-22 AT WHITE ROCKS MARINA, ROCK CREEK, PASADENA, MD. SKIPPER AND CREW TIRED BUT HAPPY TO HAVE SUCCESSFULLY COMPLETED AN OCEAN VOYAGE COVERING OVER 2,000 NAUTICAL MILES IN 35 DAYS.							