

**MONTHLY SUMMARY
ENGINEERING DATA**

OPNAV REPORT 3540-3

OPNAV FORM 3540-1 (REV. 3-59)

(No letter of transmittal required. Submit by 5th of following month)

SHIP (Name, type, hull number) U.S.S. ENGLISH (DD-696)	TO	CHIEF, BUREAU OF SHIPS		MONTH OF APRIL, 1963
FLEET AND FORCE ASSIGNMENT	ADMINISTRATIVE CONTROL (Type Commander) COM CRU DES LANT	OPERATIONAL CONTROL (Fleet Commander) COM SECOND FLT.		

1. SUMMARY OF ACTIVITIES **1st to the 7th underway to (Med.) Sea. 7th at Rota, Spain. 7th to the 11th operations Med. Sea. 11th to the 15th at Palermo, Sicily. 15th to the 22nd underway for operations Med. Sea. 22nd to the 28th at Marseilles, France. 28th to the 30th operations, Med Sea.**

2. DATA SUMMARY	A	B	C	3. PROPULSION FUEL INVENTORY (Gallons)	
ITEM	THIS MONTH	BROUGHT FORWARD	FISCAL YR. TO DATE		
2.1 NAVIGATIONAL MILES	7706.7	25129.05	32835.75	3.1 ON HAND FIRST OF MONTH	132,359
2.2 ENGINE MILES	8032.0	26733.7	34765.7	3.2 RECEIPTS	529,514
2.3 HOURS UNDERWAY	465.0	1771.9	2236.9	3.3 DELIVERIES	NA
2.4 HOURS NOT UNDERWAY	249.0	2130.7	2379.7	3.4 SUM	661,873
2.5 TOTAL HOURS STEAMING	714.0	3710.6	4424.6	3.5 ON HAND LAST OF MONTH	120,797
2.6 HOURS NOT STEAMING	0	4004.4	4004.4	3.6 USED DURING MONTH	541,076
2.7 FUEL USED UNDERWAY (Gallons)	507,142	1,572,701	2,079,843	3.7 TYPE OF PROPULSION FUEL USED <input checked="" type="checkbox"/> NSFO <input type="checkbox"/> DIESEL	
2.8 FUEL USED NOT UNDERWAY (Gallons)	33,934	256,799	290,733		
2.9 FUEL USED, GALLEY, BOATS (Gallons)	150	1810	1960		

2.10 POTABLE WATER DISTILLED ONBOARD (Gallons)	91,510	3.8 PROPULSION FUEL RECEIPTS			TOTAL DOLLAR COST IF NOT NAVY STOCK FUND
2.11 POTABLE WATER RECEIVED FROM OUTSIDE (Gallons)	69,229	DATE	FROM	GALLONS	
2.12 POTABLE WATER USED	160,044	2	USS SARATOGA (CVA-60)	62,722	
2.13 POTABLE WATER PER CAPITA CONSUMPTION G/M/D	20.8	4	" " " "	76,111	
2.14 RESERVE FEED FOR BOILER MAKE-UP UNDERWAY	198,936	7	Rota, Spain (YO-70)	86,634	
2.15 RESERVE FEED FOR BOILER MAKE-UP NOT UNDERWAY	63,386	11	USS AUCILLA (AO-56)	81,427	
2.16 MAKE-UP FEED PER ENGINE MILE UNDERWAY	24.7	17	USS KASKASKIA (AO-27)	67,731	
2.17 MAKE-UP FEED PER STEAMING HOUR, NOT UNDERWAY	254.5	18	" " " "	31,338	
2.18 WATER DISTILLED PER EVAPORATOR HOURS OPERATION (Gals, Hr.)	599.4	19	USS AUCILLA (AO-56)	16,645	
2.19 LUBE OIL MAKE-UP	0	21	" " " "	22,195	
2.20 TOTAL LUBE OIL CONSUMPTION (Gallons)	0	29	USS SPRINGFIELD (OLE-7)	61,694	
2.21 HOURS ON SNORKEL (Submarines only)	NA	30	USS MISSISSINewa (AO-144)	23,017	
2.22 HOURS SUBMERGED ON BATTERY (Subs only)	NA				

2.21 HOURS ON SNORKEL (Submarines only)	NA	3.9 PROPULSION FUEL DELIVERIES			TOTAL DOLLAR COST IF NOT NAVY STOCK FUND
2.22 HOURS SUBMERGED ON BATTERY (Subs only)	NA	DATE	TO	GALLONS	
			NA		

4. SUPPLEMENTARY INFORMATION

4.1 SHIP'S DISPLACEMENT	LIGHTEST 2950	TONS	HEAVIEST 3300	TONS	4.2 DAYS OUT OF DOCK 213
4.3 DAYS OF ASSIGNED UNINTERRUPTED UPKEEP PERIODS OR AVAILABILITIES (This month)	SHIP'S FORCE 0	TENDER 0	REPAIR BASE 0	SHIPYARD 0	TOTAL DAYS 0

4.4 NUMBER OF HOURS UNDERWAY AT VARIOUS RPM

RPM	DURATION (Hours)	RPM	DURATION (Hours)	RPM	DURATION (Hours)
13	0-9	16	150-159	300	300-309
	10-19	19	160-169	310	310-319
1	20-29	23	170-179	320	320-329
	30-39	19	180-189	330	330-339
1	40-49	12	190-199	340	340-349
1	50-59	40	200-209	350	350-359
2	60-69	10	210-219	360	360-369
2	70-79	12	220-229	370	370-379
19	80-89	15	230-239	380	380-389
26	90-99	39	240-249	390	390-399
47	100-109	7	250-259	400	OVER
20	110-119	20	260-269		
21	120-129		270-279		
53	130-139		280-289		
27	140-149		290-299		

5. GENERAL REMARKS:

- A. Average gal. of feed water per. engine mile, Fiscal Yr. 26.7
- B. Average gal. of feed water per. hour not underway Fiscal Yr. 219.5
- C. Feed water distilled per evaporators hours of operations for month 599.4
- D. Feed water distilled per. evaporators hours of operations for Fiscal Yr. 544.7
- E. Average R.P.M. steamed during month 160.3
Average R.P.M. steamed during Fiscal Yr. 140.0
- F. Average knots steamed during month 17.6
Average knots steamed during Fiscal Yr. 15.5

ENGINEERING OFFICER

SUBMITTED BY: **J.N. PANZARINO**

COMMANDING OFFICER

FORWARDED: **P.A. SCHWIMLEY**

DISTRIBUTION:

- GREEN—TO TYPE COMMANDER
- SALMON—TO SQUADRON COM. (Div. Com. for Cruisers and Carriers)
- YELLOW—TO SHIP'S FILES
- WHITE—ORIGINAL, SIGNED
TO THE CHIEF, BUREAU OF SHIPS
WASHINGTON 25, D.C.