



USS DOLPHIN (AGSS 555)  
FLEET POST OFFICE  
SAN FRANCISCO, CALIFORNIA 96663

AGSS555/DWS/tr  
5750  
Ser: 555-90  
23 March 1983

From: Commanding Officer

To: Director of Naval History (OP-09BH), Washington Navy Yard,  
Washington, D.C. 20374

Subj: Command History of USS DOLPHIN (AGSS-555) for 1982; submission of

Ref: (a) OPNAVINST 5750.12C  
(b) COMSUBPACINST 5400.7B

Encl: (1) Ship's Historical Narrative

1. Enclosure (1) is submitted in accordance with references (a) and (b).

  
G. P. HUDSON

Copy to:  
CINCPACFLT (PAO)  
COMSUBPAC (PAO)  
COMSUBDEVGRU ONE

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## SHIP'S HISTORICAL NARRATIVE

### January 1982

Mare Island Naval Shipyard completed installation of the prototype Gould, Inc. DSB-45 Main Propulsion Lead-acid Storage Battery.

### February 1982

Conducted two weeks of underway operations that included post-Restricted Availability (RAV) sea trials and Independent Ship's Exercises (ISE). During the ISE period, the ship's Emergency Main Ballast Tank Blow Valves developed air leaks and the ship returned to port for four weeks of repairs.

### March 1982

After completing repairs to the Emergency Main Ballast Tank Blow Valves, the ship was underway the week of 17 March for an Operational Readiness Inspection (ORI) that included a Communications Readiness Exercise (CRE). The remainder of March was spent inport for upkeep and type training.

### April 1982

The ship spent the first two weeks of April preparing for Naval Ocean Systems Center, San Diego, CA - scheduled Upper Ocean Turbulence Experiments sponsored by the Naval Post Graduate School in Monterey, CA and the University of British Columbia in Vancouver, B.C. The ship was underway to support this experiment 12-19 and 22-30 April.

### May 1982

Following an eighteen day upkeep, the ship was underway 18-26 May in support of Transient Acoustic Detection experiments sponsored by the Defense Advanced Research Projects Agency (DARPA) and conducted in accordance with test plans developed by the Naval Ocean Systems Center, San Diego, CA and Bolt, Beranek and Newman Inc. of Arlington, VA.

### June 1982

Conducted three days of underway operations in the vicinity of San Clemente Island gathering data for a Scripps Institution of Oceanography (SIO) Thermal Fronts and Eddies Analysis project. Commenced an RAV to overhaul number one diesel engine.

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July 1982

Conducted ten days of underway operations including type training, engineering trials, and Thermal Fronts and Eddies experiments.

August 1982

Conducted underway type training 11-13 August including the ship's first Coordinated Antisubmarine Training (CAST) Services with aircraft. Completed an Underway Material Inspection (UMI) by SUBINSURVPAC on 16 August. On 19 August, LT [REDACTED] relieved LCDR [REDACTED] as Engineer Officer. LCDR SCHRECK relieved LCDR G. A. SCHWALLER as Executive Officer. Commenced an upkeep to replace the forward shaft seal and replace the periscope.

September 1982

Underway 13-17 September for engineering trials and type training. On 17 September commenced an upkeep to install a Submarine Satellite Information Exchange System (SSIXS) as a Radio Room ship alteration. During this upkeep, the Naval Ocean Systems Center installed a seven ton winch on the ship's bow to handle six thousand feet of deep towed sonar array tow cable.

October 1982

Underway 12-14 October and 25-28 October to launch and recover a short towed sonar array and test the newly installed bow winch.

November 1982

In upkeep 1-15 November. Underway in support of Naval Ocean Systems Center Deep Towed Array operations 16-23 November.

December 1982

Naval Ocean Systems Center conducted Deep Towed Array System testing 1-12 December. Underway 13-17 December for Deep Towed Array testing. Conducted a holiday leave and upkeep period 18-31 December.