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DEPARTMENT OF THE NAVY
USS AVENGER (MCM-1)
FPO MIAMI 34090-1921

5750
AVENGER: L9
Ser: 088
12 MAR 91

OPNAV Report Symbol 5750-1

From: Commanding Officer, USS AVENGER (MCM-1)
To: Director of Naval History (OP-09BH), Washington Navy Yard,
Washington, DC 20374-0571

Subj: COMMAND HISTORY FOR 1990

Ref: (a) OPNAVINST 5750.12E

Encl: (1) Command Composition and Organization
(2) Chronology
(3) Narrative
(4) Supporting Documents

1. In accordance with reference (a), enclosures (1) through (4) are submitted.


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COMCRUDESGRU TWO
COMINERON TWO

USS AVENGER (MCM 1)

Command Composition and Organization

a. Mission: Conduct countermeasures for moored and bottom mines. Conduct independent mine warfare operations and participation in coordinated mine warfare force operations with amphibious and other forces. AVENGER's primary missions are Mine Warfare (MIW), Mobility (MOB), and Command, Control and Communications (CCC). Secondary missions are Intelligence (INT), Fleet Support Operations (FSO) and Non-Combat Operations (NCO).

b. Immediate Senior in Command: Commander, Mine Squadron TWO, Charleston, South Carolina.

c. Command Organization:

- (1) Commanding Officer: LCDR James D. Cope, USN
- (2) Executive Officer: LCDR Paul M. Allen, USN
- (3) Engineer: LT [REDACTED], USN
- (4) First Lieutenant/Supply Officer: LTJG [REDACTED], USN
- (5) Operations Officer: LT [REDACTED], USN
- (6) Assistant Navigator: LT [REDACTED], USNR
- (7) Main Propulsion Assistant: LTJG [REDACTED], USN
- (8) Communications Officer: ENS [REDACTED], USN

d. Homeport: Charleston, South Carolina

e. Statistical Data:

- (1) Current ship's manning: 8 Officers, 72 Enlisted

Length:	224 feet	Draft (Navigation):	15 feet
Beam:	39 feet	Displacement:	1312 tons
Speed:	13.5 Knots	Accomodations:	8 officer
Draft (Keel)	12.2 feet		5 CPO
			70 enlisted

Propulsion

- 4 Waukesha LN 1616 DSIN (Turbocharged) modified diesel engines
- 2 controllable reversible pitch propellers
- 2 rudders
- 2 electric light load propulsion motors

Auxiliary Systems

- 1 gas turbine generator

1 Omnithruster bow thruster system

Sensors/Navigation Systems

1 AN/SPS-55 surface search radar

1 Furuno Navigation Radar

1 AN/SSN-2 Precise Integrated Navigation System

1 AN/SQQ-32 mine hunting sonar

Mine Countermeasures system

1 AN/SLQ-48 mine neutralization system

Size 1 Oropesa Type mechanical minesweep equipment

AN/SLQ-37 (V) 2 magnetic/acoustic influence sweep equipment

USS AVENGER (MCM-1)

Chronology

1-7 JAN	Holiday leave and upkeep
8-12 JAN	Independent steaming exercise (ISE) (CHASN OPAREA)
12 JAN-26 FEB	Inport Charleston, SC for MSGIG repairs and testing
26 FEB-1 MAR	Transit to Miami, FL
2-3 MAR	Inport Miami, FL
4-7 MAR	Transit to Charleston, SC
8 MAR-30 APR	Inport Charleston, SC for MSGIG repairs and testing
1-4 MAY	Transit to Key West, FL
5 MAY-31 JUL	Operational evaluation of AN/SQQ-32 sonar (KWEST OPAREA)
1-3 AUG	Transit to Charleston, SC
4-21 AUG	Inport Charleston, SC in preparation for deployment to Arabian Gulf in support of Operation DESERT SHIELD
21-22 AUG	Transit to Little Creek, VA
23- 28 AUG	Load ship on Super Servant III for heavy lift transport to Manama, Bahrain
30 SEP	Download ship from Super Servant III
1 OCT-31 DEC	Operation DESERT SHIELD

USS AVENGER (MCM-1)

Narrative

Minesweep gas turbine generator (MSGTG) Repairs: These repairs, and the associated testing, were conducted to correct longstanding design flaws in the ship's Direct Current minesweep generator. The repairs were made with the assistance of Solar Turbines Inc., Siemens Electrical, Petersen Builders Inc., and Naval Sea Systems Command personnel.

AN/SQQ-32 Operational Evaluation: Comprehensive testing of the ship's mine hunting sonar system and the development of new tactics to be employed in conjunction with this new system were commenced during three months of operations in Kest West FL. Testing may continue following return to CONUS after the Arabian Gulf deployment.

Heavy Lift Transit: AVENGER and three MSO type vessels were docked onboard the Dutch Heavy lift ship Super Servant III, and carried to the Arabian Gulf. AVENGER was manned by a skeleton crew of 17 members of the crew, who performed maintenance as required by the transit.

Operation DESERT SHIELD: Upon arrival in the Arabian Gulf, AVENGER joined Middle East Force's U.S. Mine Countermeasures Group, and took part in numerous mine countermeasures operations in support of the multi-national force mission to liberate Kuwait.