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DEPARTMENT OF THE NAVY

USS EMORY S. LAND (AS-39)

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IN REPLY REFER TO

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23 MAR 1993

From: Commanding Officer, USS EMORY S. LAND (AS-39)  
To: Director of Naval History (OP-09BH), Washington Navy  
Yard, Washington, DC 20374

Subj: USS EMORY S. LAND (AS-39) COMMAND HISTORY FOR CALENDAR  
YEAR 1992

Ref: (a) OPNAVINST 5750.12E

Encl: (1) Organization Structure  
(2) Biography and Photograph of Commanding Officer,  
Captain J. W. Suhr  
(3) Biography and Photograph of Executive Officer,  
Commander D. J. Knize  
(4) Welcome Aboard Booklet

1. Command Composition and Organization. USS EMORY S. LAND is a nuclear repair capable submarine tender, its' mission is to support submarines and other Naval forces worldwide. The ship's organization is outlined in enclosure (1). A biography and photograph of the Commanding Officer and Executive Officer, is provided as enclosures (2) and (3). A Welcome Aboard Booklet is provided as enclosure (4).

2. Chronology.

Day/Month

Significant Events

January

6th - 10th Test Equipment Calibration Readiness Review completed with grade of "Satisfactory". GPETE readiness was at 85%.

Medical Readiness Inspection conducted with grade of "Satisfactory".

14th

LT J. F. Risley relieved LCDR J. G. Fahling as Deck Department Head.

February

1st

Implemented revised COMNAVBASE Norfolk Hazardous Waste (HW) disposal procedures. Daily pierside pick-up of HW commenced.

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12th - 13th Dental Readiness Inspection conducted with grade of "Satisfactory" with five categories receiving "Outstanding".

19th Data Management Quality Management Board's (QMB) charter was approved by the Executive Steering committee. Specific milestones approved by QMB were the development of PMS requirements for microcomputer maintenance to S-8/Automatic Data Processing (ADP) Division.

24th - 9th Underway for Port Canaveral port visit.

March Radiological Controls Practice Evaluation completed satisfactorily.

LT J. A. Sage relieved LT G. K. Dickinson as Operations Officer.

April

1st Selected Restricted Availability (SRA) commenced at Norfolk Naval Shipyard, Portsmouth, VA. All on board messing facilities, ship's store, laundry and barbershops shut down. All dry and frozen provision storerooms and freezers were off-loaded.

Engineering Maintenance and Assistance Team (EMAT) was conducted.

Established the Integrated Logistics Overhaul (ILO) Team at St. Juliens Creek Annex.

Ship's Consolidated Shipboard Allowance List (COSAL) began. 900 COSAL changes were validated resulting in significant improvements to logistics support.

Reorganized and painted Medical spaces.

May

26th Captain James W. Suhr assumed command of USS EMORY S. LAND from Captain Lawrence T. Keegan.

29th Completed SHIPALT AS-2319, installation of the AN/WRR-7B. Enhanced VERDIN system.

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June

- 1st Commenced on-load of all provisions and reopened main galley.
- 6th CDR J. L. Biliouris relieved CAPT (Sel) D. W. Walton as Supply Officer.
- 27th LT M. H. Power relieved LT T. L. Bretl as Medical officer.

July

- Light Off Examination conducted with grade of "Satisfactory". Material, preservation and cleanliness evaluated as "Excellent".
- 21st Completed SRA.
- 21st - 27th Underway for sea trials.
- 27th Completed visual TEMPEST Inspection on SAS and VERDIN systems. No major discrepancies.

August

- Installed Polaris Poseidon Material Management System (PPMMS) remote terminals in the Submarine Support and Stock Control Divisions.
- 3rd - 13th Underway for Nassau port visit.
- 16th - 18th Enhanced VERDIN system installed.
- 22nd Participated in Polo Hat exercise.

September

- Surprise Radiological Controls Practices Evaluation completed satisfactorily.
- 9th - 15th Underway for Annapolis. At anchor, the USS MARYLAND and USS ALEXANDRIA were moored outboard, starboard side.

October

- 1st Completed Supported Unit Transfer (SUTRANS) of supply accounting records to USS HUNLEY and USS L. Y. SPEAR.

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19th Completed SUBLANT Supply Management Inspection (SMI) with an overall grade of "Above Average". Sales and Service Division received grade of "Outstanding".

26th - 31st Communications Readiness Evaluation completed successfully. Naval Warfare Publication Library (NWPL) received grade of "Satisfactory".

November

23rd Installed Uniform Microcomputer Disbursing System (UMIDS) Version 2.0. Disbursing can now input directly to DFAS Cleveland.

LT P. Jackson relieved LCDR E. C. McClintock as Weapons Repair Department Head.

December No significant events

### 3. Narrative

a. The Weapons Repair Department accomplishments during 1992 included:

- (1) Weapons Handling - handled 230 torpedoes (95 exercises) and 101 cruise missiles.
- (2) Weight Tests - 569
- (3) Issued and received 289,576 rounds of small arms ammunition and pyrotechnics. Provided range instructors for 170 SSN personnel and 530 USS EMORY S. LAND personnel for small arms qualifications.
- (4) Fire Control Shop completed 29 SSN Fire Control repair jobs on tended units.

b. The Medical Department accomplishments for 1992 are as follows:

		% increase over previous CY
Patient Visits	6,642	2.3%
Laboratory Tests	14,262	16.6%
Audiograms	1,050	25.0%
Pharmacy Units	11,315	26.0%
X-ray Film Exposures	1,142	no change
Physical Exams	437	42.0%
Immunizations	2,175	no change
Limited Services	2,200	91.0%

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c. The Chaplain Department provided the following services during 1992:

(1) Divine Worship Services held weekly	50
(2) Pastoral Counseling	2036
(3) Funerals, Burials at Sea, Memorial Services	12
(4) Weddings/Vows Renewal	3
(5) Suicide Prevention Classes	26
(6) American Red Cross Messages delivered	80
(7) Reenlistments, Retirements, Prayer in Public Events	13
(8) Hospital/Brig Visits	50
(9) Hours of Library Operation	2300+
(10) CACO assists	1
(11) Family Advocacy cases coordinated	33
(12) Religious Education classes	13

d. The Safety Department accomplishments for 1992 are:

(1) During the year the Safety Office conducted all NAVOSH Program evaluations. A Hazardous Material Inventory of the ship was also conducted.

(2) Fit tested over 600 personnel for respirators. The staff increased by 18 personnel due to the special requirements inherent in a yard period. Primary responsibilities included: Industrial Hygiene surveys, daily walkthroughs, disseminating information, proper disposal of hazardous material/hazardous waste, issuance of respirators and personal protective equipment.

(3) The mishap trend was a bit higher than 1991, with an increase of 17.5% for 1992 mishaps reported. During the yard period reported accidents were 42% higher than the previous year for the same time period.

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e. The Legal Department processed:

(1) 151 mast cases held by the Commanding Officer including:

- Article 86 - Unauthorized absences: 151 specifications.

- Article 90 - Willfully disobeying a superior commissioned officer: 8 specifications.

- Article 91 - Insubordinate conduct towards a warrant officer, noncommissioned officer, or a petty officer: 15 specifications.

- Article 92 - Failure to obey order or regulation: 66 specifications.

- Article 107 - False official statement: 10 specifications.

(2) Five Summary Courts-Martial cases.

(3) 11 Special Courts-Martial cases.

(4) Five General Courts-Martial cases.

(5) Administrative Separations by Commanding Officer authority: 28

(6) Administrative Separations by BUPERS authority: 38

f. The Operations Department accomplishments during 1992 were as follows:

(1) During Selected Restricted Availability completed SHIPALT AS-1458 Single Audio System (SAS), replacement of AN/SPS 10B Radar Set, replacement of Radar Transmitter room to antenna, and complete overhaul and preservation of all antennas and supporting structures on both main and forward masts.

(2) While anchored in Annapolis, MD, provided USS MARYLAND with communications support.

(3) Navigational Statistics: Total Nautical Miles steamed: 3,581.3. Total days underway: 32.

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(4) Established Departmental Security Representatives. Representatives will meet monthly to discuss security policy, procedures, and training to disseminate to respective departments.

(5) Communication Guard for 60 days throughout the year.

(6) Radio Central processed over 11,000 incoming and 1100 outgoing messages. This involved transmission via various means while deployed and via the AUTODIN landline in port.

g. The Supply Department accomplishments during 1992 were as follows:

(1) As host for NEXCOM Barber Clinic during February, April and August, NEXCOM personnel utilized on board barber facilities and ship's personnel volunteered to demonstrate the latest male and female barbering techniques. The clinic was open to all ships on the waterfront.

(2) In preparation for SRA, Repair Parts Storeroom 21 was off-loaded, radioactive liquid waste tanks (RWL system), and major repair parts storerooms were completed off-loaded. All storage aids were removed. All parts were inventoried, materials segregated and new storage aids installed prior to storeroom reactivation. Additionally, storerooms 7 and 28 were inventoried and storerooms 12, 16 and 27 were painted and preserved.

(3) In August, conducted emergency load-out to USS HUNLEY (AS-31) in preparation for Hurricane Andrew Relief Effort.

(4) The installation of PPMMS provided USS EMORY S. LAND the capability to transmit requisitions to the supply system via PMOLANT. Additionally, the system allows for worldwide stock checks and updated real time requisitions.

(5) Provided logistics support during Annapolis port visit which included coordination of fresh water barges, trash barges and vehicles. The Food Services Division provided refreshments to personnel awaiting tours.

(6) The Supported Unit Transfer involved extensive computer record searches and reconciliation so that all accounting records for six units were transferred to supporting tenders. Extensive sort by Stock Control and ADP Divisions were required.

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(7) The revised Tender Load List added approximately 4,000 new line items and deleted 2,500 line items.

h. The Repair Department accomplishments during 1992 were as follows:

(1) The Repair Department with its singularly most productive support record ever, aggressively attacked a significant number of major/critical path work items, with unparalleled quality work, expended over 511,163 manhours in fleet support, with a productivity utilization index of .687. The incorporation of Total Quality Management has proven to be highly beneficial and successful as indicated in 12.6% more jobs completed utilizing 1.3% less manhours.

#### SUPPORT STATISTICS

Resin/Media Discharge	1
Nuclear Vlvs/Sys Repaired	48
Primary relief valve testing	3
Nuclear SHIPALTS/A&Is accomplished	86
ECF and AECF hook-ups	6
Non-nuclear SHIPALTS	104
Gallons Reactor Makeup Water	205,600
Radioactive material shipments	31
Radioactive material transfers	300
Radioactive liquid received/processed	30,000
Radiacs calidrated	259
TLDs calibrated	1367
SRPDs calibrated	1067
Controlled work packages completed	311
Formal work packages completed	116
Quality Assurance Audits	93
Radiographic exposures	194
Ultrasonic inspections	230
Working dives completed	209

(2) Nuclear repair efforts were highlighted by the replacement of seven primary valves and repair of twelve primary seal welded valves with a 100% welder and repair success rate on the first attempt. Replaced valves CH-20, VO-3 and repaired valves CH-22, CH-23 concurrently on a tended unit in a single availability.

(3) The Microminiature Repair (MTR) Lab was in the forefront of several high profile jobs. With a 95% success rate, the versatility and reliability of the MTR lab has averted numerous CASREPS and saved more than \$349K in equipment replacement cost.

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(4) Optically aligned three periscope mast assemblies and repaired eight cesium beam time standards.

(5) The Industrial Plant Equipment (IPE) posture improved dramatically with the addition of computer numerically controlled lathes and mills.

(6) Test platform for the Technical Library Maintenance System "MEMPHIS PROJECT" designed to replace paper\microfilm files with CD ROM. The project was 6-12 months ahead of schedule and deployed on the first SSN within CY-92.

(7) Successfully replaced three Secondary Propulsion Motors (SPM) and two cables waterborne on 688 class submarines.

i. The Engineering Department accomplishments during 1992 included:

(1) Tended units:

- Provided shore power, potable water, Collection, Holding and Transfer (CHT) disposal, variable ballast water and telephone services to submarines moored alongside USS EMORY S. LAND.

- Conducted 103 high pressure nitrogen charges to submarines in upkeep.

- Provided gas free engineering services to submarines in upkeep.

- Provided CO2 bottle charging services to submarines in upkeep.

(2) USS EMORY S. LAND:

- Provided hotel services consisting of heat, air conditioning, hot water, laundry steam and refrigeration directly contributing to the outstanding quality of life and habitability on board.

- Completed a comprehensive Selected Restricted Availability (SRA) during which the following major jobs were completed:

-- Overhaul of #1 boiler.

-- Replacement of #1, #2, and #3 main feed pumps.

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-- Overhaul of #1A, #1B, #2A and #2B forced draft  
blowers; blower governors and steam admission valves.

-- Cleaning and inspection of #1, #2, #3 and #4  
ship's service turbine generator windings.

-- Overhaul of #1, #2, and #3 fuel oil service  
pumps, low pressure air compressors, high pressure air  
compressors and air conditioning plants.

-- Overhaul of five CHT tanks and ten CHT pumps.

-- Cleaning and inspection of all cargo fuel oil  
tanks.

-- Restored ship's emergency diesel generator to  
full service status.

- Completed extensive overhaul and repairs to O2N2  
plant. Presently the only submarine tender on the East Coast  
with a fully operational cryogenics capability.

- Significantly upgraded the material condition of  
the ship's cranes.

- Arranged for comprehensive improvements in ship's  
galley equipment through contract services. During (SMI),  
material condition was evaluated as OUTSTANDING.

j. The Deck Department accomplishments during 1992 included:

(1) Conducted more than 250 submarine moorings to both  
the pier and alongside the USS EMORY S. LAND (AS-39).

(2) Ship's boats and ship's cranes throughout the year  
were evaluated above average.

(3) During SRA, completed the overhaul of all three  
ship's anchors and chains.

  
J. W. SUHR