



DEPARTMENT OF THE NAVY  
 USS EMORY S. LAND (AS-39)  
 FPO AE 09545-2610

Rec'd 3/16/00  
 w/disk  
 5750  
 Ser 10/0075  
 01 MAR 2000

From: Commanding Officer, USS EMORY S. LAND (AS 39)  
 To: Director of Naval History (OP-0BH), Washington Navy Yard  
 Washington, DC 20374

Subj: USS EMORY S. LAND (AS 39) COMMAND HISTORY FOR CALENDAR  
 YEAR 1999

Ref: (a) OPNAVINST 5750.12F

- Encl: (1) Organization Structure  
 (2) Biography and Photograph of Commanding Officer,  
 Captain Leonard A. Zingarelli TO AR  
 (3) Welcome Aboard Booklet  
 (4) 3 1/2" Floppy Disk

1. Command Composition and Organization. USS EMORY S. LAND is a mobile, nuclear repair capable submarine tender. Its mission is to support submarines and other Naval forces worldwide. Per reference (a), enclosures (1) through (4) are provided.

2. Chronology.

<u>Day/Month</u>	<u>Significant Events</u>
JANUARY	
20 JAN	Recertified Helo Deck.
21 JAN	Completed a DPMA NNSY.
23 JAN	Completed System Operation and Verification Testing on newly installed AN/SPS-67 Radar Surface Search radar. The AN/SPS-67 is the ship's primary radar with a minimum range of 300 yards and a range accuracy of +300ft, a significant improvement over the AN/SPS-10.
FEBRUARY	
9 FEB	Completed System Operation and Verification Testing on newly installed

Subj: USS EMORY S. LAND (AS 39) COMMAND HISTORY FOR CALENDAR  
YEAR 1999

AN/SPS-73 Radar Surface Search radar. Windows based system that provides tracking of up to 200 targets at 210 knots. The AN/SPS-73 Radar employs Commercial Off-The-Shelf technology to simplify replacement and repair of components.

12 FEB

Completed Secure Voice upgrades (TA-970) to the Emergency Control Center (ECC) in preparation for COMSUBRON 22 embarkation.

24 FEB

Audiometric Certification of the Audiometric Booth.

MARCH

1 MAR

1300 underway for training in VACAPES OPAREA.

1-31 MAR

Completed System Operation and Verification Testing on newly installed NAVMACS II Communications system to support electronic delivery of messages to submarines forward deployed in the Mediterranean theater.

5 MAR

Return to pier 12, Norfolk, Virginia.

11 MAR

Completed Certification for Cross Decking of CLS/VLS Tomahawk Cruise Missiles.

16-23 MAR

Completed the installation of the Electronic Key Management System (EKMS) by SPAWAR. EKMS provides the capability to locally manage and account for electronic and physical keying material, and other COMSEC related equipment.

30 MAR

Completed System Operation and Verification Testing on newly installed Sailor Phone, providing the ship 10 commercial phone lines at sea.

Subj: USS EMORY S. LAND (AS 39) COMMAND HISTORY FOR CALENDAR  
YEAR 1999

Received a grade of Outstanding during the COMSUBLANT Dental Readiness Inspection.

APRIL

1 APR Completed a Weapons System Readiness Review.

1-5 APR Completed System Operation and Verification Testing on installation of the SA-734's patch panels to enable monitoring of the NATO VLF broadcast in the MED.

6 APR Underway for homeport change to La Maddalena, Italy.

6-21 APR Installed an NT Network and MS Exchange Server without the benefit of program sponsorship or support. Implemented shipwide Internet access and the command's first ever E-mail connectivity at sea and inport. Provided NTCSS II access throughout the ship for approximately 250 workstations. Successfully completed connections to Port Services, Santo Stefano, and Naval Support Activity, La Maddalena networks via a wireless Wide Area Network and implemented the Navy's Global Exchange Directory replication standards. Conducted tender turnover.

16 APR Moored in Rota, Spain.

19 APR Underway to La Maddalena, Italy.

22 APR EMORY S. LAND arrives in La Maddalena, Italy.

23 APR SIMON LAKE moored portside.

30 APR Relieved USS SIMON LAKE of the monitoring responsibilities for

Subj: USS EMORY S. LAND (AS 39) COMMAND HISTORY FOR CALENDAR  
YEAR 1999

communications circuits within the MED  
AOR.

MAY

4 MAY Loaded 6 Tomahawk Cruise Missiles to a  
fast attack submarine and received 6  
empty Tomahawk Canisters from a fast  
attack submarine supporting NATO  
Operation "NOBLE ANVIL".

6-18 MAY Participated in Exercise "COMBINED  
ENDEAVOR" (CE 99).

10 MAY Cross decked personnel between USS  
EMORY S. LAND and USS SIMON LAKE.

20-27 MAY Provided HF Ship to Shore CTF 69 KG-84  
communications support for the USS  
HAWKBILL.

26 May Performed Noise Survey of NATTICK YTB  
832.

FCA Audit.

JUNE

3 JUN Underway To Palma De Mallorca, Spain.

5 JUN CONREP with USNS LARAMIE.

7-11 JUN Completed System Operation and  
Verification Testing on installation of  
the CU-2364 VLF Multicoupler and  
AN/BRA-16 VLF Loop.

8 JUN Anchored At Palma De Mallorca, Spain.

11 JUN Underway for La Maddalena, Italy.

12 JUN Moored La Maddalena, Italy.

Subj: USS EMORY S. LAND (AS 39) COMMAND HISTORY FOR CALENDAR  
YEAR 1999

JULY

15 JUL Underway for Independent Steaming Exercises.

15-20 JUL Participated in Exercise Figleaf 99-03.

17 JUL CONREP with USNS LARAMIE.

19 JUL Moored La Maddalena, Italy.

23 JUL CAPT Lenny Zingarelli relieved CAPT Thomas Dowell as Commanding Officer.

26 JUL Underway For Naples, Italy.

28 JUL Qualified and Certified as Asbestos Identifier.

30 JUL Anchored At Naples, Italy.

30 JUL-3 AUG Anchored Naples.

AUGUST

3 AUG Underway For La Maddalena, Italy.

4 AUG Moored La Maddalena, Italy.

19 AUG Underway For Toulon, France.

20 AUG Moored Toulon, France.

20 AUG-8 SEP Performed Industrial Hygiene Survey on Port Services.

Trained two personnel as Work Place Monitors.

ETG LTT visit.

QA Audit.

SEPTEMBER

3 SEP Underway for Augusta Bay, Sicily.

Subj: USS EMORY S. LAND (AS 39) COMMAND HISTORY FOR CALENDAR  
YEAR 1999

6 SEP Moored Augusta Bay, Sicily.

7 SEP Underway for La Maddalena, Italy.

8 SEP Moored La Maddalena, Italy.

9 SEP Commenced Forward Weapons Magazine  
Modification. SHIPALT II 2527K CLS/VLS  
Weapons Stowage.

14 SEP Performed Noise Survey of PEDALESHARO  
YTB 835.

23-28 SEP Participated in Exercise "FIGLEAF"  
99-04.

27-29 SEP CMS A & A visit from COMSUBGRU EIGHT.  
  
Diesel Inspection.

OCTOBER

8 OCT Noise and Light Survey of R-3 METCAL  
and FECAL labs.

15 OCT VERTREP

28 OCT Two Sailors killed in car accident.

NOVEMBER

4 NOV Certified Tomahawk Cruise Missile  
logistic Movement between EMORY S. LAND  
and the HMS SPLENDID.

16 NOV Installed a Magellan NAV 6510  
Commercial Off the Shelf GPS system  
that provides graphic representation of  
the ship at sea as well as enhanced  
harbor views with area chart packs.

Subj: USS EMORY S. LAND (AS 39) COMMAND HISTORY FOR CALENDAR  
YEAR 1999

17-18 NOV	Participated in JCS Exercise POLO HAT 99-3.
20 NOV	Opened new Asbestos Lab/Safety Officer's Office.
DECEMBER	
3 DEC	Completed Forward Weapons Magazine Modification.
9 DEC	Underway for training to 39 <sup>TH</sup> Parallel.
10 DEC	Conducted 5khz satellite channelization tests with CTF 69 ISO upcoming Operation Cluster Colt.
14 DEC	UNREP/FAS
17 DEC	Moored La Maddalena, Italy.  Completed Phase I of SHIPALT 2527K for CLS/VLS Weapons Stowage.

3. Narrative.

a. The Weapons Repair Department's accomplishments during 1999 included:

(1) Conducted 127 weapons evolutions as follows:

(a) MK 48/ADCAP Torpedo Warshots:	8
(b) MK 48/ADCAP Torpedo Shapes/Trainers	2
(c) Tomahawk Missiles:	86
(d) Tomahawk CLS/VLS Training Shapes	18
(e) Tomahawk TOTEM Training Shapes	5
(f) Submarine CLS platform installations/removals	8

Subj: USS EMORY S. LAND (AS 39) COMMAND HISTORY FOR CALENDAR  
YEAR 1999

(2) Conducted:

(a) 94 Quality Assurance Inspection Audits.

(b) 73 Weapons Handling Equipment prior-to-use inspections.

(c) 48 Tomahawk Cruise Missile receipt/transfer inspections.

(d) 48 Tomahawk Cruise Missile elevator to magazine inspections.

(e) 45 Ordnance Handling Equipment Weight Test inspections.

(f) 9 MK 48/ASCAP receipt/transfer inspections.

(g) 6 material handling equipment, general weight test inspections.

(h) 6 shipboard crane Weight Test and Recertifications.

(2) Conducted the first ever Tomahawk Cruise Missile Logistic movement to and from a United Kingdom Fast Attack Submarine, HMS Splendid.

(3) Received 11 personnel for cross deck transfer from USS SIMON LAKE (AS-33). Received 4 MK 48/ADCAP torpedoes, 1 MK 48 torpedo training shape and 78,309 rounds of ammunition and pyrotechnics from USS SIMON LAKE (AS 33) during an on-site submarine tender turnover at a forward deployed location.

(4) Conducted a combat reload of Tomahawk Cruise Missiles to a fast attack submarine supporting NATO Operation "NOBLE ANVIL" during the ship's first week at a forward deployed site.

(5) Managed and maintained 73 line items valued at over \$43 million. Issued and received 51 tactical/exercise weapons, 732 pyrotechnic devices and over 259,065 rounds of ammunition to 25 tended submarines and surface ships and 1 shore command.

(6) Qualified over 1,266 ship's force personnel in the use of small arms.



Subj: USS EMORY S. LAND (AS 39) COMMAND HISTORY FOR CALENDAR YEAR 1999

(7) Conducted over 520 weight test evolutions safely and without incident for 18 submarines and surface ships.

(8) Completed timely repairs to 4 submarine Capsule Launch Systems and Fire Control Systems on forward deployed submarines.

(9) Received the Weapons Excellence Black "W" Award for 1999.

(10) Completed a major magazine modification to the ship's forward weapons magazine giving the ship the unique capability to store, load, and perform minor maintenance to submarine and surface ship Vertical Launch Tomahawk Cruise Missiles.

(11) Weapons Repair Department assumed all responsibilities for shipboard crane operations. During the first major availability with 3 large amphibious ships, the Cranes Division conducted over 200 crane lifts in one week. Conducted 5 at sea gunnery exercises.

b. The Medical Department's accomplishments for 1999 include:

(1) Successfully completed several Radiation Health Audits, one of which was lead by ADM Bowman, Commander, Naval Sea Systems Command (08).

(2) Completed over 400 overseas screenings to complete the screening process for a change of homeport overseas.

(3) Provided medical care to 14 submarines and 8 surface ships.

(4) Patient Visits:	9,600
Laboratory Tests:	4,600
Audiograms:	1,050
Pharmacy Units:	6,000
X-rays:	394
Physical Exams:	2,700
Immunizations:	11,200

(5) Received the 1999 COMSUBLANT Yellow 'M' for Medical excellence.

Subj: USS EMORY S. LAND (AS 39) COMMAND HISTORY FOR CALENDAR  
YEAR 1999

(6) Trained over 300 crewmembers on Basic First Aid for Damage Control qualifications.

(7) Established a Sports Medicine clinic.

C. The Chaplain's Department provided the following services during 1999:

(1) JAN-MAR:

(a) The Chaplain's Department organized the annual City of Portsmouth (VA)/Norfolk Naval Shipyard Prayer Breakfast. RADM Barry Black, Deputy Chief of Chaplains, was the featured speaker.

(b) Embarked computers and developed a basic Learning Multi-media Learning Center in the ship's library.

(2) APR-JUN: Cross decked Library and Religious Ministries equipment (including stained-glass windows originally from NSA Holy Loch, Scotland) from the USS SIMON LAKE and began construction of a Ship's Chapel on the 04 Level.

(3) JUL-SEP: Conducted an eight-day Community Relations Project in Toulon, France at the Little Sisters of the Poor nursing and retirement home. Over 530 manhours of effort were donated in completing several large painting and gardening projects.

(4) OCT-DEC: Completed construction of and opened the Ship's Chapel.

d. The Safety Department's accomplishments during 1999 included:

(1) Created an improved database for tracking accidents. Statistics are more easily accessible.

(2) Baseline Industrial Hygiene Survey was completed for the Port Services Department to update the ship's Baseline Survey.

(3) Noise Surveys were performed on the two tugs as part of their Certification Inspections.

(4) Conducted two Safety Standowns to heighten crew awareness.

Subj: USS EMORY S. LAND (AS 39) COMMAND HISTORY FOR CALENDAR  
YEAR 1999

(5) Recertified the Audiometric Booth.

(6) Performed over 100 noise dosimetry and air samples in support of IH surveys.

(7) Performed over 100 asbestos identifications in support of alongside repairs and repairs to the LAND.

e. The Legal Department processed:

Non-judicial Punishments:	66
Administrative Separations:	45
Special Courts-Martial:	0
Summary Courts-Martial:	5

f. The Dental Department has achieved an all-time high of 97.9% Operational Dental Readiness with a Dental Health Index of 37.7%. These figures surpassed the CINCLANT goals of 95% and 30%. Additionally:

(1) EMORY S. LAND patient encounters:	2,555
EMORY S. LAND major dental procedures:	12,019
Number of Sub/ship dental support provided:	13
Sub/ship alongside patient encounters:	769
Sub/ship alongside major dental procedures:	3,327
Total patient encounters:	3,324
Total major dental procedures:	15,346

g. The Repair Department's accomplishments during 1999 included:

(1) Completed 15 Submarine Availabilities, and 9 Surface Ship Availabilities for a total of 24.

(2) Completed 41 Fly-Away Team upkeeps in the 5<sup>th</sup> and 6<sup>th</sup> Fleet AOR.

(3) Completed 2,079 individual repair jobs.

(4) Expended 83,679 manhours on scheduled repair jobs.

(5) Performed 1 lifesaving recompression for non-crew members.

(6) Performed 175 working dives.

Subj: USS EMORY S. LAND (AS 39) COMMAND HISTORY FOR CALENDAR YEAR 1999

(7) Completed 900 electrical calibrations.

(8) Administered \$3,803,598.92 in ROV funds.

(9) Received "SAT" on the following inspections: Fleet Maintenance Activity Assessment (FMAA), Fleet Radiological Support Division (FRSD) Inspection, and SUBLANT RADCON Assist Visit. Received "AVG" on the NAVSEA 08R Audit.

h. The Deck Department's accomplishments during 1999 included:

(1) Moored/castoff 12 SSNs, 1 British, 1 French SSN and six surface units.

(2) 1,200 Small Boat runs in support of CSS-22, USS EMORY S. LAND (AS 39) and visiting units.

i. The Supply Department's accomplishments during 1999 included:

(1) Refurbished all departmental spaces, completing over 150 projects valued at almost \$600 thousand. Eighty-five percent of all food service equipment was upgraded, all the ship's washers and dryers were replaced, and the square footage of retail outlets was doubled.

(2) Implemented a new Tender Load List, processing over 6,200 receipts and 3,700 offloads in order to optimize the ship's repair part and consumable stock levels. Completed the initial onload of repair parts in support of surface ship repair, a mission which resulted in numerous issues to Mediterranean deployers.

(3) Became the Sixth Fleet's focal point for logistics support of submarines. Provided all supply services for submarines operating in the Mediterranean, including provisions, repair parts, hazardous material disposal and hotel services.

(4) Contributed over \$10 thousand per month in Ship's Store profits to the Morale, Welfare and Recreation Fund. This critical contributor to the crew's Quality of Life was a result of almost \$80 thousand per month in sales, double the average monthly sales from the previous year.

(5) Achieved a 99.9% obligation rate on a ship's Operating Target (OPTAR) of \$14 million. Funded an upgrade of

Subj: USS EMORY S. LAND (AS 39) COMMAND HISTORY FOR CALENDAR  
YEAR 1999

the Local Area Network to Gigabit Ethernet, a doubling of the ship and tenant commands phone system capabilities and a variety of needed habitability improvements.

(6) Conducted the ship's first-ever Vertical Replenishment with Commander, Task Force (CTF) 63 resupply ships.

(7) Issued over \$340 thousand in food provisions to tended units, both submarine and surface. Additionally, coordinated emergent provision requirements for units operating outside the Naval Regional Contracting Center Naples' umbrella of Mediterranean husbanding agents.

(8) Completed over 730 crane lifts and 1,550 elevator evolutions in support of stock material, provisions and retail items. Unable to use the three ship's cranes due to a Med-moor, implemented a comprehensive conveyor and roller system in order to quickly move material from the helo deck to the ship's storerooms.

(9) Issued almost 18,000 repair parts in support of time-sensitive voyage repair.

(10) Turned-in over 480 drums of Hazardous Material to the Defense Reutilization and Marketing Organization (DRMO) in Livorno, Italy, completing \$60 thousand in processing requirements and fees.

j. The Engineering Department's accomplishments during 1999 included:

(1) Tended surface ships and submarines:

(a) Conducted 6 high-pressure nitrogen charges to submarines in upkeep.

(b) Provided gas free engineering services to surface ships and submarines in upkeep.

(c) Provided CO2 bottle charging, firewatch bottles and firehose hydrostatic testing services to surface ships and submarines in upkeep.

(d) Provided service support to shipyard and private contractors in support of surface ship and submarine repairs.

Subj: USS EMORY S. LAND (AS 39) COMMAND HISTORY FOR CALENDAR  
YEAR 1999

(e) Provided CHT disposal, Shore Power, Oily waste disposal, potable water, feed water, emergency deballasting, temporary fire fighting services and over 40,000 gallons of fuel to tended units.

(f) Provided tended unit services to both a French and a British submarine.

(2) Shipboard:

(a) Provided hotel services throughout the ship, which greatly contributed to the outstanding shipboard quality of life and living conditions.

(b) Completed an LTT and Diesel Generator Inspection.

(c) Steamed over 11,000 nautical miles and over 570 auxiliary steaming hours in support of tended units.

(d) Ship's Force conducted depot level overhauls on 1 High Pressure Air Compressor, 1 Refrigeration unit, 1 Auxiliary Condensate Pump, and #1 Evaporator Brine Pump.

(e) Completed over 7,500 electrical and mechanical trouble calls throughout the ship.

(f) Conducted numerous fueling evolutions, on-loading over 7 million gallons of fuel oil.

k. The Operations Department's accomplishments during 1999 included:

(1) 2,800 outgoing messages transmitted.

(2) 29 OPREPS-3/Unit Sitreps transmitted.

(3) 57 CASREPS.

  
L. A. ZINGARELLI