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USS LASSEN (DDG 82) Command Operations Report

This report is **required** by commands listed in **SNDL Parts 1 & 2** and all operational **Task Forces, Groups and Units** temporarily established to meet operational requirements.

The report format is divided into six sections: Command Data, Commander's Assessment, Chronology and Narrative, Supporting Reports, Published Documents, and Photographs. Required information is identified in specific sections of the form. See instructions appendices for assistance in compiling and on submitting this form and any attachments.

Electronic documents should be in a Microsoft Office format (Word, Excel, Power Point, or Access), HTML, PDF, JPG, GIF or plain text. Documents in electronic format are to be submitted via e-mail or on CD-ROM as explained at the end of this form. It is unnecessary to convert non-electronic documents to electronic format. List any enclosures that are not electronic and submit in hardcopy in the same manner as a CD-ROM. Photographs submitted electronically should be in JPG, TIFF or GIF format.

1. Command Data (Boxes will expand as information is typed)

Name of your Command or Organization: USS LASSEN (DDG 82)

Unit Identification Code (UIC), per the SNDL: 21956

Name and Rank of Commander/Commanding Officer/Officer in Charge: Smith, Michael A, CDR

Date Assumed Command: December 11, 2013

Mission/Command Employment/Area of Operations: The mission of LASSEN is to operate in a high-density multi-threat environment as an integral member of a strike or surface action group to include striking targets along hostile shorelines and well inland. In addition, LASSEN provides its own air warfare, surface warfare and anti-submarine warfare and can effectively provide local area protection to underway replenishment groups, amphibious ready groups, and other military units.

Permanent Location (Home Port for deployable units): Yokosuka, Japan

Immediate Superior In Command:

Operational: COMDESRON FIFTEEN
Administrative: COMDESRON FIFTEEN

Identify your assigned Task Force/Group/Unit name(s) and mission(s). Include OPLAN(s) and or named operations you participated in during Task Force assignment (if applicable):
CTF 70/CSG 5/USS LASSEN (DDG 82)

Name(s) of Forces, Commands, Ships, Squadrons or Units assigned or under your operational control (if applicable): N/A

Type and number of Aircraft Assigned and Tail Codes, if applicable:
MH-60R, HSM-51, WARLORD 03, WARLORD 04 (JAN-APR)
MH-60R, HSM-51, WARLORD 06, WARLORD 07 (OCT-DEC)

Commands, Detachments or Units deployed on board or stationed aboard as tenant activities (as applicable): HSM-51 DET Three (JAN-APR, OCT-DEC)

Number of Personnel Assigned:
Officers: 32
Enlisted: 277
Civilian: 0

Command Point of Contact (required entry, complete in full):
Name (Rank, First Name, Middle Initial, Last Name): LTJG [REDACTED]
[REDACTED]
Job Title/Office Code: Fire Control Officer
E-mail (both classified and unclassified, if available):
[REDACTED]
Phone number(s): [REDACTED]
Command Mailing Address: USS LASSEN (DDG 82), FPO AP 96671-1299

2. Commander's Assessment

In 2014, LASSEN participated in numerous multinational exercises, port visits, high level inspection and essential certifications, maintaining a high level of efficiency and professionalism. LASSEN is a proven, combat-ready ship who continues to demonstrate all her might during both strike group and independent operations. At the same time, LASSEN's crew maintained high morale and spirit that catapulted her through a dynamic and challenging year. With the execution of multiple exercises and highly successful inspections, LASSEN proved that she is the best FDNF ship on the waterfront.

3. Chronology

<u>MISSION</u>	<u>SEA DATES</u>	<u>DAYS UNDERWAY</u>
Leave/Upkeep	01JAN-06JAN	

Damage Control Assessment	07JAN-08JAN	
	13JAN-17JAN	1
Communication Certification 2.3	21JAN-24JAN	1
Engineering Certification	27JAN-30JAN	2
CMAV	31JAN-21FEB	
AW/SW/EW Certification	27JAN-14FEB	
CRY/INT Certification	03FEB-14FEB	
Medical Certification	03FEB-07FEB	
Explosive Safety Certification	18FEB-21FEB	
FST-J 12-71	24FEB-28FEB	
ATFP Certification 2.3	24FEB-26FEB	
U/W Ammunition	03MAR-04MAR	23
Communication Certification	04MAR-07MAR	
READ-E 3 MOB-S	05MAR-07MAR	
U/W Foal Eagle Exercise	08MAR-15MAR	
U/W MASOC Certification		
PVST - Pyongtaek, Korea	08MAR-11MAR	
	14MAR	
PVST - Guam	20MAR	
AW/SW/EW Certification	21MAR-25MAR	
Champion Cup	28MAR-30MAR	
Damage Control Certification	01APR-03APR	3
Communication Certification	07APR-11APR	
Ammunition Offload	09APR-11APR	2
Defuel/Dewater	11APR-15APR	
SRA/TSRA	16APR-16JUL	
READ-E 3 SAR	05MAY-07MAY	
	12MAY-14MAY	
ATFP Certification	06MAY-09MAY	
VBSS Certification	12MAY-16MAY	
Search and Rescue Certification	04JUN-06JUN	
Seamanship Certification	16JUN-20JUN	
Damage Control Assessment	23JUN-27JUN	
Engineering Light Off Assessment	01JUL-04JUL	
Aviation Certification	07JUL-10JUL	
Crew Certification	07JUL-10JUL	
AEGIS Light Off	07JUL-18JUL	
U/W Sea Trials	14JUL-18JUL	5
Ammunition Onload	18JUL	
READ-E 3 MOB-N	29JUL-31JUL	
INSURV Preparations Week 1	21JUL-25JUL	4
U/W IRAT Inspection	21JUL-25JUL	
Seamanship Certification	21JUL-25JUL	
	28JUL-31JUL	
INSURV Preparations Week 2	28JUL-01AUG	1
INSURV Preparations Week 3	04AUG-08AUG	1

IRAT Inspection	04AUG-08AUG	
INSURV Preparations Week 4	11AUG-15AUG	1
INSURV Preparations Week 5	18AUG-22AUG	1
INSURV Preparations Week 6	25AUG-29AUG	1
TYCOM Material Inspection	02SEP-04SEP	1
INSURV Preparations Week 7	08SEP-12SEP	1
INSURV Preparations Week 8	18SEP-22SEP	1
IRAT Inspection	18SEP-26SEP	
INSURV	23SEP-26SEP	1
Training Availability	29SEP-30JAN	
U/W Fleet SORTIE	04OCT-09OCT	6
Communication Certification	09OCT-10OCT	
USW READ-E 3 MOB-E 1.0	08OCT-10OCT	
VBSS Certification 2.1/2.2	08OCT-10OCT	
READ-E 3 MOB-E 1.0	14OCT-18OCT	
USW Certification 2.1/2.2	14OCT-31OCT	
AW/SW/EW Certification	03NOV-07NOV	13
CRY/INT Certification	03NOV-07NOV	
Strike READ-E 2.1	03NOV-07NOV	
Supply Certification 1.2	10NOV-13NOV	
READ-E 3 MOB-S	14NOV-18NOV	
HSM-51 ISATT	15NOV-20NOV	
PVST - Okinawa	19NOV	
Towing Exercise	25NOV	
Underway Replenishment USNS WSC	26NOV	
Underway East China Sea	01DEC-16DEC	16
PVST - Sasebo	03DEC	
SHAREM	08DEC-11DEC	
PVST - Okinawa	12DEC	
READ-E 3 USW 2.4	12DEC-13DEC	
Leave/Upkeep	18DEC-31DEC	

Days Underway: 85
Cumulative NHPO: 85

ACRONYMS:

ACU - Aircraft Control Unit
AIS - Automated Information System
ATFP - Anti-Terrorism Force Protection
ATG - Afloat Training Group
AVCERT - Aviation Facilities Certification
AW/SW/EW - Air Warfare Surface Warfare Electronic Warfare
BSH - Basic Ship Handling
CIWS - Close-In Weapons System
CMAV - Continuous Maintenance Availability
COMREL - Community Relations
CRY/INT - Cryptology Intelligence
CSICP - Cyber Security Inspection and Certification Program
DTE - Detect to Engage

E - Engineering
EKMS - Electronic Key Management System
FDNF - Forward Deployed Naval Forces
FST-J - Fleet Synthetic Training - Joint
HSM - Helicopter Squadron Maritime
IRAT - INSURV Readiness Assessment Team
INSURV - Inspection and Survey
ISATT - Integrated Ship Air Team Trainer
MASOC - Maritime Air Support Operations Center's
MOB - Mobility
N - Navigation
PAC - Pre-Action Calibration
PVST - Port Visit
RAP - Recognized Air Picture
READ-E - Readiness Evaluation
S - Seamanship
SAG - Surface Action Group
SAR - Search and Rescue
SAU - Search and Attack Unit
SCAT - Small Caliber Action Team
TYCOM - Type Commander
ULT - Unit Level Training
U/W - Underway
USW - Undersea Warfare

Narrative

1. Inspections. In a challenging year which included an SRA, LASSEN proved herself through the most demanding and intensive inspection a ship goes through, Board of Inspection and Survey (INSURV). LASSEN scored a 0.88 INSURV Figure of Merit, an incredible six points above the fleet average, and an amazing feat in this rigorous five-year inspection. LASSEN was assessed "Green" in 15 of 20 functional area demonstrations, while setting the record for the best Propulsion Full Power score in the Navy. In Air Defense Detect to Engage underway demonstration, LASSEN scored 91% overall, well above average. LASSEN was profiled in the October 2014 INSURV newsletter for the rare feat of scoring Satisfactory in all underway demonstration events

2. Certifications. LASSEN aggressively adhered to the basic principles set forth in maintenance requirements and operational procedures maintaining full currency and certifications in all warfare areas. Moreover, LASSEN's Training Figure of Merit (TFOM) consistently remained at the top among Destroyer Squadron FIFTEEN (DESRON 15) ships. Through Certification Validation assessments, LASSEN remains certified in all Mission Areas.

a. Undersea Warfare. LASSEN completed USW 2.1/2.2/2.3/2.4, culminating Qualification 2 of 3 certification exercises required for Anti-Submarine Warfare, in December 2014 with a score of 93%. Through participation in multi-lateral exercises and squadron level training, LASSEN honed its multi-ship USW proficiency and promoted interoperability in the Seventh Fleet AOR. LASSEN received an 85 during INSURV ASW Detect to Engage (DTE) and GREEN overall.

b. AW/SW/EW/INT/CRY. LASSEN completed AW/SW 2.4 with associated Live-Fire events during Multi-Sail 2014 in March 2014 with a score of 93% and 94% respectively. EW/INT/CRY achieved a score of 83% through a rigorous qualification process. Recertification assessed by Afloat Training Group (ATG) was conducted in November with minimal discrepancies noted.

c. Unit Level Certifications. Proficiency was maintained in the following warfare areas throughout this competitive period: Aviation (93%), Anti Terrorism/Force Protection (92%), Air Warfare (91%), Communications (86%), Damage Control (89%), Explosive Safety (92%), Medical (95%), Mobility Navigation (97%), Search and Rescue (99%), Surface Warfare (93%), Undersea Warfare (93%), and Visit Board Search and Seizure (91%).

d. Surface Warfare. LASSEN completed SUW Certification with an overall score of 93%, culminating in a successful engagement of the high-speed maneuvering surface target in a high sea state. During Surface Action Group (SAG) versus SAG exercise, LASSEN demonstrated defense in-depth and over the horizon targeting as Aircraft Control Unit (ACU) locating and vectoring a blue force P-8 in for the final engagement of the opposed force to end the event with a mission kill. Additionally, LASSEN completed satisfactory demonstrations with gun engagements, CIWS Block 1B engagement in surface mode, and Small Caliber Action Team (SCAT). LASSEN set the standard for text book surface combat during a perfectly executed HSMST engagement during AW/EW/CRY/INT/EW qualification in March. LASSEN received an 86% during the self-defense DTE and GREEN overall in weapons.

e. Explosive Safety. Lassen successfully completed Explosive Safety with an overall score of 92% in January 2014, and conducted one major offload and onload during 2014. Ordnance safety handling and accountability was maintained throughout the year with no physical loss of inventory or injury to personnel.

f. Aviation Certification. Through the months of July and August, LASSEN successfully completed both its Aviation Facilities Certification (AVCERT) and its Aviation Operations Certification (MOB-A) scoring a 100% and 95% in those events respectively. The ship trained and fully qualified the Flight Deck Crew, Fire Party, Crash and Salvage team, and Refueling team during this time and has maintained those qualifications and level of expertise needed to land, service, and house Helicopters. During this certification, LAS demonstrated its ability to establish Link 16 interoperability with the MH-60R class helicopters, providing a robust LINK architecture for the GEORGE WASHINGTON strike group during numerous exercises including the SHAREM and Multi-Sail events in 2014.

3. Exercises. LASSEN participated in FOAL EAGLE 2014, MULTI-SAIL 2014, SHAREM 179 FST-J 14-71. Highlights included:

a. Foal Eagle 2014. LASSEN participated in FOAL EAGLE 2014 with the Republic of Korea Navy (ROKN) off the Western coast of Republic of Korea. During Maritime Counter Special Operation Forces Exercise (MCSOFEX), LASSEN successfully employed assets jointly, including the US Air Force JSTARS asset, proving it as a force multiplier and vital command and control capability. LASSEN's Force Air Defense Coordinator employed JSTARS to control up to eight aircraft at once and successfully engage all adversary contacts, greatly enhancing the Maritime Air Support Operations Center's (MASOC) flexibility. With key partners in FOAL EAGLE 2014, LASSEN was recognized for command and control capabilities in conducting USW with international allies as the Search and Attack Unit (SAU) Commander.

b. Multi-Sail 2014. LASSEN coordinated and executed multiple events including tactical demonstrations, certification events and SRBOC employment demonstrating excellence in multiple warfare operations. The high point of the exercise occurred when LASSEN successfully fired an SM-2 Blk IIIA missile off the coast of Guam, resulting in a skin-to-skin kill of the target missile and was noted for her exceptional AEGIS Weapons System performance. LASSEN proved its ability to track subsurface contacts with the full extent of A(V)15 capabilities and coordinated a complex and first-ever P-8 EXTORP launch and shipboard recovery exercise.

c. SHAREM 179. LASSEN conducted full spectrum ASW exercises with participating USS Submarines. The exercise showcased LASSEN's crucial ASW, command and control, and communication skills sets, further strengthening security in the Seventh Fleet Area of Operations. LASSEN succeeded in the collection and analysis of contact, environmental and geographic data in a tactical setting off the coast of Okinawa. LASSEN was assessed as superior in ASW readiness and effectiveness and helped collect data on potential warfighting gaps and identify potential solutions.

d. FST-J 14-71. LASSEN provided exceptional operational support ensuring DESRON SEVEN's certification and providing valuable lessons learned for future embarkation on forward deployed ships for Maritime Air Support Operations Center (MASOC).

4. Readiness.

a. Basic Ship Handling (BSH). Completed 6 June 14 within periodicity. LASSEN conducted 90 hours of training including preparations for a Department Head command qualifications, tactical maneuvering, pier work, plane guard, and towing. LASSEN trained 15 junior officers on the ship's V1 simulator for plane guard duties.

b. Intelligence. Intelligence team is the benchmark for enacting the intelligence cycle at sea for COMDESRON FIFTEEN. With excellent processes and a sharp analytical team, LASSEN accomplished a personal record for intelligence achievements and was a key player in the FDNF waterfront. LASSEN set the standard for the use of state of the art C5I equipment like the Automated Information System (AIS), AN/SSX-1

Specific Emitter Identification System, AN/SSQ-137(V)7 Ship's Signals Exploitation Equipment, Hostile Forces Integrated Targeting Service (HITS), and GALE-LITE. LASSEN remains a sole-source of intelligence for organic capabilities typically allocated to large-deck surface platforms, and has excelled in fulfilling C7F Priority Intelligence Requirements throughout this reporting period.

c. Communications. LASSEN's pursuit of 100% communications readiness has set the Command and Control standard in Seventh Fleet. In 2014, RADIO watch standers demonstrated continuous drive and technical acumen to maintain positive communication with the George Washington Carrier Strike Group, Destroyer Squadron 15 units, C7F deployers, and Shore Commands. LASSEN's communications capabilities proved vital to the ship's success in several exercises throughout the year, including one bi-lateral event Foal Eagle and Multi-Sail.

d. Small Arms. LASSEN capitalized on every opportunity to maintain proficiency and train gunnery teams as evidenced by the following: four 5" Pre-Action Calibration (PAC) FIRE shoots, five Close-In Weapons System (CIWS) PACFIRES, three .50 caliber gun shoots, and 11 small arms ranges. LASSEN expended 228 5"/62 rounds, 5000 20mm rounds, and over 40,000 small arms rounds. CIWS PAC 5 events, CIWS TDU, 5" fire 4 events, .50 caliber 3 events, small arms ranges 11 events, SM-2 Engagement.

5. Real-world operations. As the most mission-ready destroyer in Forward Deployed Naval Forces (FDNF), LASSEN has met every commitment and maintained continuous readiness while excelling in real-world operations.

a. SEVENTH Fleet Presence. During transit in theater or exercises LASSEN continuously remained combat ready and performed at the highest levels. LASSEN conducted routine patrols in the East China Sea, South China Sea, North China Sea, and Yellow Sea.

b. MH-60R Integration. LASSEN completed Integrated Ship Air Team Trainer (ISATT), successfully qualifying primary and secondary air crews. The combined efforts of LASSEN and HSM-51 Detachment Three utilized COMSEC, EKMS, LINK, and HAWKLINK to become qualified to conduct real-world integrated operations. Throughout ASW exercises in 2014 the team work of LASSEN and HSM-51 DET 3 proved the capabilities and enhanced the tactics the Romeo helicopter brings to Seventh Fleet operations.

c. Undersea Warfare. LASSEN held active sonar contact on submarines 20.5 hours and passive contact for 10.5 hours during the 2014 calendar year. This includes assuming the duties as SAU Commander and prosecuting a subsurface contact, enhancing ASW supremacy and High Value Unit (HVU) protection in defense of the USS GEORGE WASHINGTON Strike Group.

d. SORTIE. LASSEN was ordered to Sortie in September due to tropical cyclone Phanfone. LASSEN got U/W on 48 hours notice flawlessly meeting all tasking by the Sortie commander.

e. Air Defense. LASSEN employed its vigilant watchstanders and equipment to help build the Recognized Air Picture (RAP), essential to battlespace management. Throughout 2014, LASSEN continued to maintain the highest standard of excellence and safety. LASSEN achieved above NSWC PHD's standards on SPY status card results with GREEN readiness. While going through LASSEN's Training Availability after a successful completion of INSURV, LASSEN was called upon for operational tasking to return as part of the USS GEORGE WASHINGTON Strike Group. LASSEN's team was ready for the call and seamlessly assumed plane guard duties and was activated as "Alternate Air Warfare Commander" while managing to continue to conduct in-house certifying events. LASSEN was SAUC and ACU during a 48 hour real world ASW prosecution in support of the Strike Group during KEEN SWORD 2014. LASSEN ASW team and the impeccable coordination with HSM-51, MPRA and other surface assets were essential for maintaining control of the ASW picture and protection of the GEORGE WASHINGTON Strike Group during Seventh Fleet Operations.

f. TSC Port Visits: LASSEN conducted TSC Port Visits to Pyongyang, Guam, Sasebo and Okinawa. While in Pyongyang, LASSEN sailors teamed up with ROKN personnel and visited a nursing home, housing over 50 elderly citizens with special needs. This Community Relations (COMREL) strengthened bilateral ties between LASSEN and ROK forces. While in Guam, LASSEN participated in Champions Cup, placing three out of six teams in 11 competitions with other FDNF commands. LASSEN sailors upheld "Liberty is a Mission" and had zero incidents during every port visit.

4. Supporting Reports (Refer to specific guide for Ship/Shore/Aviation or Fleet Command)

N/A

5. Published Documents

- (1) Foal Eagle 2014
- (2) MULTI-SAIL 2014
- (3) Midshipmen Ride LASSEN

Welcome Aboard Materials: (Eng)

- (4) Welcome Aboard Pamphlet
- (5) Welcome Aboard Letter Template
- (6) Commanding Officer's Command Philosophy

Command Websites:

- (7) <https://www.facebook.com/ussslassen>

- (8) <http://www.navy.mil/local/ddg82/>
 - (9) <https://www.flickr.com/photos/uslassen/sets/>
-

6. Photographs

- (1) Commanding Officer - CDR Michael A. Smith
 - (2) Executive Officer - CDR Robert Francis
 - (3) Command Master Chief - CMC Robert Beachy
 - (4) Combat Systems Officer - LCDR ██████████
 - (5) Operations Officer - LT ██████████
 - (6) Weapons Officer - LT ██████████
 - (7) Chief Engineer - LT ██████████
 - (8) Supply Officer - LT ██████████
 - (9) Navigator - LTJG ██████████
 - (10) Fire Control Officer - LTJG ██████████
 - (11) Multi-Sail
 - (12) Foal Eagle
 - (13) Midshipmen
 - (14) Christmas Caroling Onboard LASSEN
-

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