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U.S. NAVAL MOBILE CONSTRUCTION BATTALION SEVENTY-FOUR
UNIT 60253
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From: Commanding Officer, U.S. Naval Mobile Construction
Battalion SEVENTY-FOUR

Subj: SUBMISSION OF DEPLOYMENT COMPLETION REPORT

Ref: (a) COMSECOND/ THIRDNCBINST 3121.1
(b) NCG-2 OPERATIONS ORDER 14-01 (STANDING OPERATIONS
ORDER FOR ASSIGNED UNITS)
(c) NCG-2 FRAGMENTARY ORDER 002 TO OPERATIONS ORDER 14-01
(d) CTF 68 EXORD TO NMCB SEVENTY-FOUR
(e) CTF 56 OPORD TO NMCB SEVENTY-FOUR
(f) CJTF-HOA OPORD 14-003

Encl: (1) NMCB SEVENTY-FOUR Deployment Completion Report

1. Enclosure 1 is forwarded per reference (a).

2. Per reference (b) through (e), U.S. Naval Mobile Construction Battalion SEVENTY-FOUR deployed to the EUCOM, AFRICOM, CENTCOM, and NORTHCOM Areas of Operation from January to July 2014, with Details and Detachments deployed to NS Rota and Moron Airbase, Spain, Romania, Israel, Bahrain, Jordan, Djibouti, Cameroon, Niger, Panama City, Fort Campbell, Andros, Gulfport, and multiple locations across Africa and the Middle East. While deployed they supported numerous exercises and provided expert construction in support of the strategic objectives of supported commanders.

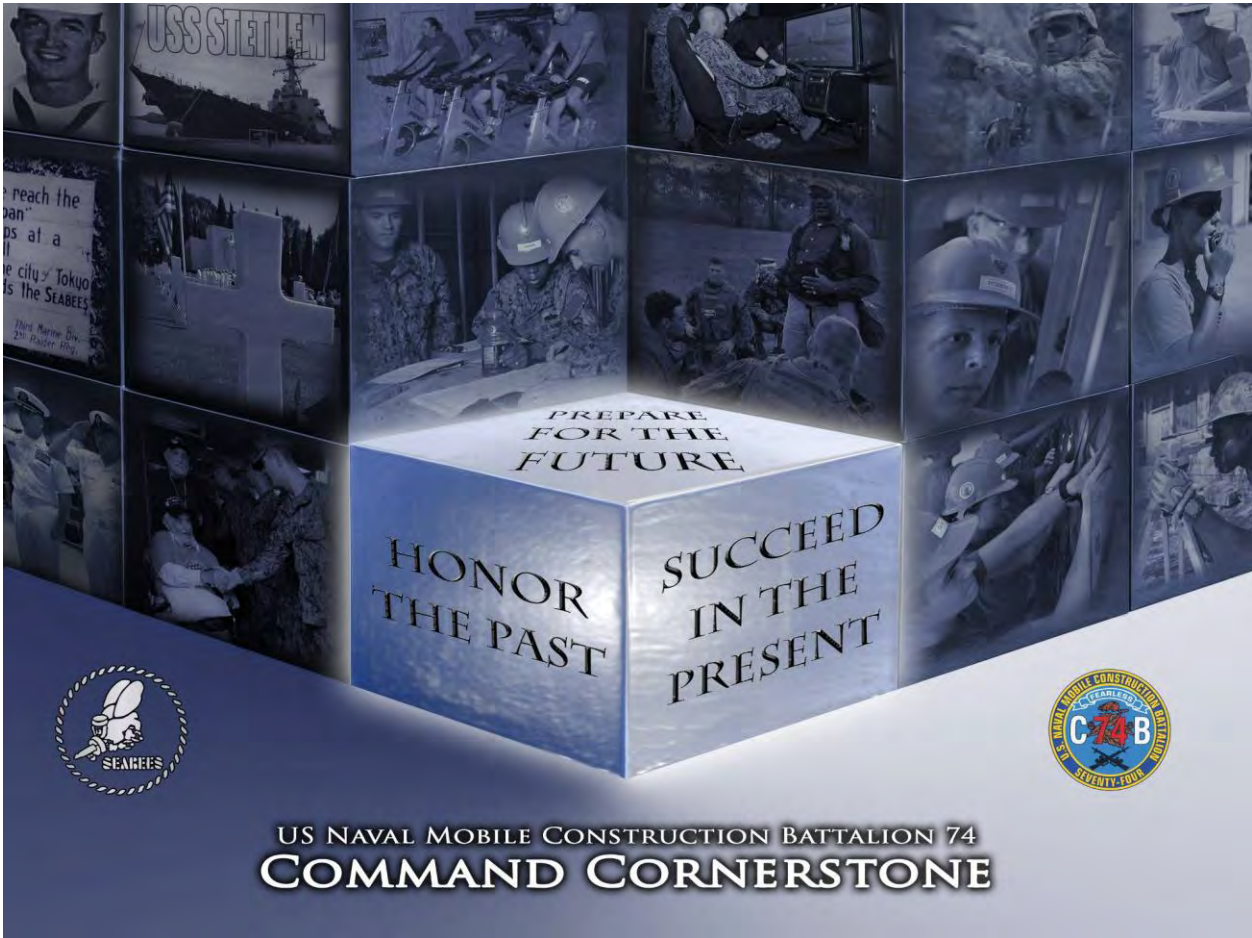

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DEPLOYMENT COMPLETION REPORT

JANUARY 2014 – JULY 2014



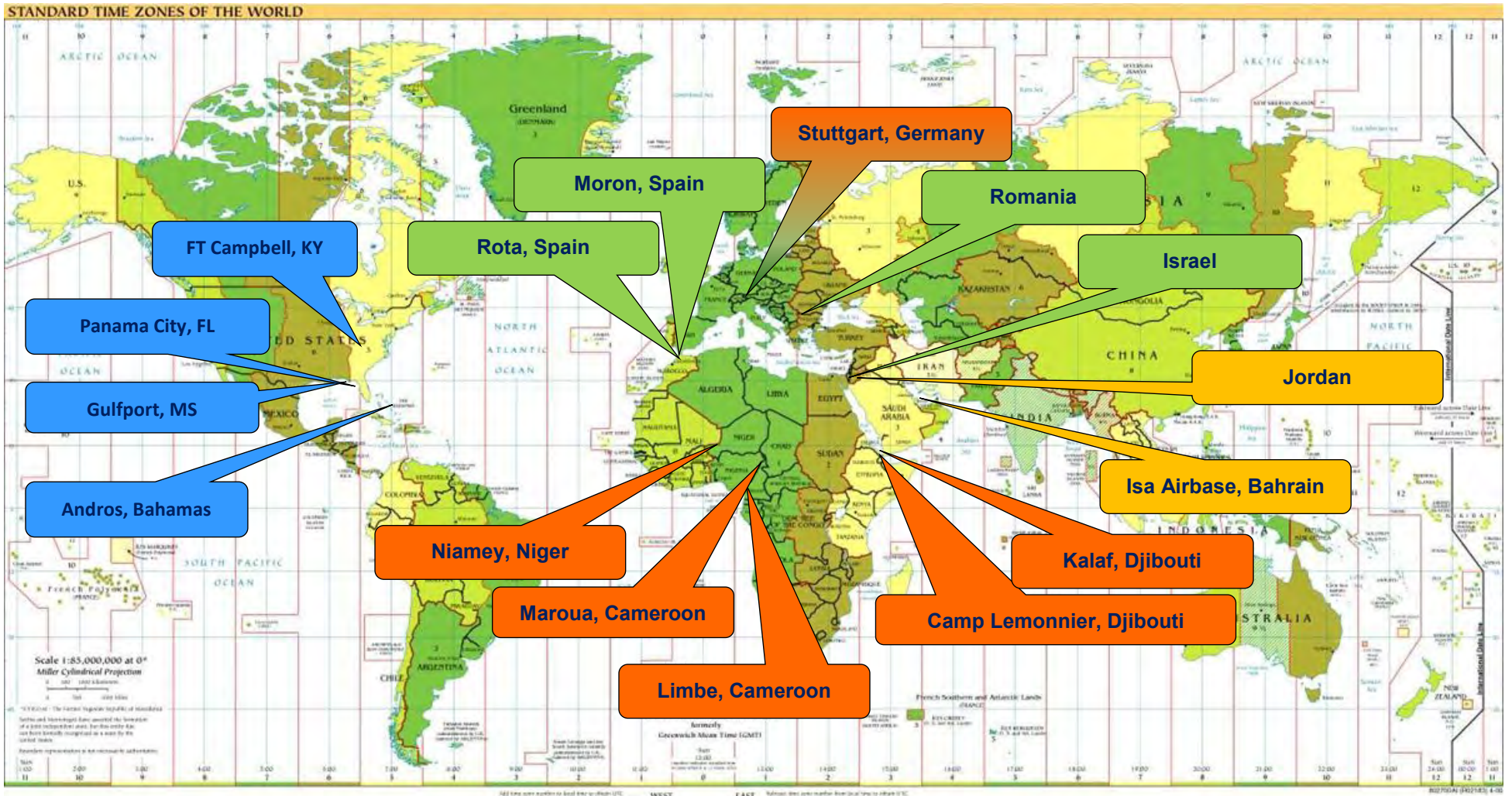
US NAVAL MOBILE CONSTRUCTION BATTALION 74
COMMAND CORNERSTONE

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FORCE LAYDOWN



Map shows locations with permanent / long-term presence.
 NMCB 74 conducted operations in 29 locations across 22 countries



CHAPTER I

EXECUTIVE SUMMARY



INTRODUCTION

U.S. Naval Mobile Construction Battalion SEVENTY-FOUR (NMCB 74) completed its final deployment before decommissioning in 2014. NMCB 74 seamlessly operated across four COCOMS, providing expert engineering capability in support of supported commander's operational requirements all while making final preparations for the unit decommissioning on 25 July 2014. NMCB 74 dispersed around the world with 29 separate operating locations in 22 countries, spanning EUCOM, AFRICOM, CENTCOM and NORTHCOM. NMCB 74's deliberate approach to fully understanding the strategic objectives for each supported commander ensured aligned operations, focused efforts, and maximum responsiveness in key regions during the 2014 deployment, securing the Seabees vital stake in Global engineering operations.

ADMINISTRATION

NMCB 74 Seabees were supported with a wide variety of personnel, career information, intelligence, ministerial, dental, medical, legal, force protection, drug and alcohol abuse prevention, public affairs, Morale, Welfare and Recreation (MWR), and family support information. The Administrative and Personnel (S1) Department executed all operational requirements, provided full customer support, and maintained peak personnel readiness. Throughout deployment, the S1 Department coordinated ceremonies for reenlistments, advancements, and Seabee Combat Warfare (SCW) qualifications, and provided a vital link between the staff and all detail/detachment sites. Due to the upcoming decommissioning of NMCB 74, the Department worked diligently to route, process, and complete all administrative requirements. The Department also provided advancement support to the Battalion by coordinating and administering the March 2014 Navy-Wide Advancement cycle.

COMMUNICATIONS / TRAINING / ARMORY

With an ongoing goal of maintaining current mission readiness levels and training better Seabees, NMCB 74 completed technical, tactical and physical training spread loaded over monthly training days at all detail locations and Military Skills Training Blocks at Camp Mitchell, Spain and NCBC Gulfport, MS. Military training included individual weapon qualifications, combat lifesaver refresher courses, SCW block training, and 48-hour mount-out exercise.

OPERATIONS / SAFETY

NMCB 74 executed construction projects and exercise support throughout EUCOM, AFRICOM, CENTCOM, and NORTHCOM safely and responsively. Through tireless effort by the entire Battalion, the men and women of NMCB 74 executed 84 projects totaling \$5.2M of materials, directly impacting and enhancing the operational abilities of all supported commanders. The command Safety team maintained an aggressive and comprehensive Navy Occupational Safety and Health (NAVOSH) program and focused on Operational Risk Management (ORM). Seabees remained flexible and executed new tasking with urgency and enthusiasm, all while experiencing only one lost workday across all sites.

SUPPLY / LOGISTICS

NMCB 74 successfully managed a full P25S TOA in Rota, Spain and supported 6 Dets within the EUCOM AOR. The Supply Department conducted a 100% inventory on the Rota Table of Allowance, increasing the validity from 89% to 99%. They also inventoried and re-certified TRICONS at all locations, and completed an Integrated Logistics Overhaul (ILO), consisting of a 100% wall to wall inventory of over 13,000 line items, worth \$2.2M, increasing the ARP inventory validity from 87% to 96%, the range from 77% to 87%, and the depth from 72% to 82%.



CHAPTER II

ADMINISTRATION



ADMINISTRATIVE AND PERSONNEL DEPARTMENT (S1)

NMCB 74's Administrative and Personnel Department efficiently maintained administrative support and personnel related requirements for the Battalion. The Department remained in close contact with all Details, providing around the clock customer service and continuous communication with support elements in Rota, Spain and Gulfport, MS. The Department generated and processed over 1,162 pieces of correspondence and reports and ensured proper handling of emergency and contingency travel requirements. Due to the upcoming decommissioning of NMCB 74, the Department worked diligently to route, process, and complete Enlisted Evaluations and Officer Fitness Reports for each individual and processed 300 personal and theater awards. The Department also provided advancement support to the Battalion by coordinating and administering 238 examinations during the March 2014 Navy-Wide Advancement cycle.

Awards:

•	Joint Service Commendation Medals	1
•	Navy/Marine Corps Commendation Medals	25
•	Navy/Marine Corps Achievement Medals	93
•	Army Achievement Medals	10
•	Air Force Achievement Medals	7
•	Flag/General Letter of Commendations	20
•	Letter of Commendations	144
•	Seabee Combat Warfare Qualifications	161

Documentation:

•	PCS Receipts	4
•	PCS transfers	33
•	LIMDU Reassignments	2
•	Separations	37
•	Reenlistments/extensions	0
•	Evaluations/FITREPS	397
•	Advancements/Promotions	40

Operating out of Gulfport, the Personnel section provided guidance and support to 80 PCS transfers and separations, 4 gains, 1,725 Transactions Online Processing System (TOPS), and 40 enlisted and 5 officer promotions, while conducting monthly pay and entitlement audits for the entire Battalion.

ADVANCEMENTS

March 2014	E6	E5	E4	Total
Participated	39	103	96	238
Selected	2	12	26	40
% Selected	5.1%	11.7%	27.1%	16.8%
Navy-Wide % Selected	15.9%	19.8%	35.6%	23.3%

RETENTION

	Eligible	Not Eligible	Reenlist Rate		Navy Goal
Zone A	64	7	68.8%	1st Term Goal	43%
Zone B	6	2	66.7%	2nd Term Goal	55%
Zone C	10	0	70.0%	Career Goal	62%

ADMINISTRATION



INTELLIGENCE DEPARTMENT (S2)

NMCB 74's Intelligence Department completed 26 weekly intelligence summaries and 23 intelligence products ensuring valuable information concerning the latest potential threats, violent political crises, and weather conditions with the potential to affect operations for the 29 operating locations was always up to date and available. The Department provided on demand intelligence and updated map products throughout the deployment in support of Battalion tasking. The Intelligence Department supported 520 personal security clearances and Isolated Personnel Reports, which were expertly tracked, managed, and coordinated with investigating agencies.

RELIGIOUS PROGRAMS DEPARTMENT (X1)

NMCB 74's Command Religious Ministry Team (RMT) provided for the spiritual and emotional well-being of Battalion personnel in the EUCOM, AFRICOM, CENTCOM and NORTHCOM AOR. The RMT was engaged in the care of the Troops through Monthly leadership Phone calls, pastoral care to all DET NORTHCOM personnel, and support to dependents in the Gulf coast area.

The Chaplain engaged with the leadership of the Battalion through monthly Wellness Council meetings in order to maintain a multi-disciplinary forum within NMCB 74 for the purpose of analyzing factors and indicators in order to identify and address personal behavior trends, significant life events or other concerns affecting the welfare of our Seabees, and the readiness of our Battalion.



RELIGIOUS PROGRAMS DEPARTMENT STATISTICS

Counseling Sessions	97
Religious Services Held	4

NMCB 74 conducted 27 Community Relations (COMRELS) events, totaling 427 hours while deployed in 4 AORs. These COMRELS enhanced host nation relationships and ally partnerships.

In Rota, Spain, DET EUCOM assisted the Colon Boy Scouts Troop by operating heavy equipment to clear trees, shrubs and concrete structures at the new Boy Scouts facility. Once completed, the new site provided an area for the local Boy Scouts to camp and conduct outdoor activities to enhance their skills. In March, DET EUCOM also participated in the David B. Farragut, Rota Elementary School Spring Carnival and Toror's Big Top. Volunteers helped the kids play games, painted faces, and assisted with many of the stations. The Wardroom at DET EUCOM kicked off deployment by volunteering at MWR's Golf Course, installing signs to warn pedestrians and prevent usage of the course walkways as a running/walking trail while people are golfing. Throughout deployment; DET EUCOM's Wardroom, Chief's Mess, and Staff went to Naval Station Rota's beach to conduct beach cleanups, collecting truckloads of garbage and disposing of it. In April, DET EUCOM participated in MWR's Easter Eggsplosion; which consisted of setup, break down, and hiding Easter eggs. The event included a 5K Color Run, in which volunteers threw paint at the individuals running, directed traffic, and passed out water.

At Camp Lemonnier Djibouti, NMCB 74 personnel worked with the DECAN Wildlife refuge, which was founded by a French veterinarian in 2003 as a way to protect exotic animals from illegal ownership and exploitation as well as to educate children and foreign military personnel about environmental and ecological issues in Africa. What began as a 35 acre lot to house five cheetahs grew to house more than 20 different species of animals on 200,000 acres. NMCB 74 assisted with cleaning and maintaining the refuge in order to improve the habitat for the animals that live in the area. Detail HOA also volunteered with Caritas Street Children Program which provides an opportunity for homeless orphans to receive education, basic medical attention, a hot meal, a shower, dancing, and sports. NMCB 74 assisted by spending time with the children, teaching them reading, math, and writing skills, along with playing sports.



Families and friends of NMCB 74 personnel also contributed by sending medical supplies, toys, books, and candy in care packages to donate to the program.

In Niger, NMCB 74 supported the Talledaje 8 Elementary School where they were able to interact with the local children. Throughout the day, the volunteers and children played soccer and assisted 2nd and 3rd graders with Basic English and writing skills. This was an ongoing partnership throughout the course of the deployment, where the detail visited weekly to see the children and help with event such as Field Day or arts and crafts.

Detail Romania took part in community relations through playing soccer, basketball, and handball with members of the Romanian Army and Air Force co-located in Deveselu. The Seabees met in town after work to play pickup games and eat dinner at a local restaurant as a way of building camaraderie and friendship amongst the local youth.

In Bahrain, NMCB 74 personnel at Isa Air Base, Bahrain assisted the students of Ria Institute, which consisted of school age children ranging from 4 to 7 years old. The special needs students at the Institute range from 6 to 16 years old. Volunteers visited the school on a weekly basis to assist with reading, arts and crafts, and sports.

In Gulfport, DET NORTHCOM supported Habitat for Humanity through installation of doors and interior finish work for a house being built for a local family in Pascagoula, MS, as well as cleaned out cages and helped care for stray animals at the local animal shelter. Personnel also assisted with Gulfport's annual Zombie Run by assisting with setup, passing out water, and directing traffic.

DENTAL DEPARTMENT (X2)

NMCB 74's Dental Department coordinated care for the Battalion across all sites. During deployment, 202 patients were seen encompassing 85 annual exams, 94 cleanings, 114 operative procedures, and 3 emergency cases. In Gulfport, the Battalion provided a variety of oral surgery, endodontic, restorative and periodontal care with support from the NCBC Dental Clinic. The detail sites utilized local clinics to receive dental exams, operative care and emergency care. In Rota, the Det was supported by the Navy dental clinic and auxiliary services from civilians at Naval Hospital Rota.

MEDICAL DEPARTMENT (X4)

NMCB 74's Medical Department was based out of Camp Mitchell, Spain and supported all sites through oversight, resupply and reachback support. Camp Mitchell was staffed with the Medical Officer, two 8404 Hospital Corpsmen and one Preventive Medicine Technician, providing medical care for NMCB 74 members located at Naval Base Rota as well as personnel from CTF-68 and 22 NCR Forward. The Medical Department maintained Medical Readiness, oversight of the Direct Observation Therapy (DOT) program, conducted Physical Health Assessments (PHA), and access to immunizations, audiograms, and required HIV testing at Naval Hospital Rota. Individual medical readiness was tracked monthly at Camp Mitchell with delinquencies communicated to company/detail leadership, and the medical department was able to sustain medical readiness in the 90 percentile every month of deployment, maximizing operational readiness until decommissioning.



Medical Support for Detachments

CAMP LEMONNIER, DJIBOUTI

ADMINISTRATION



Camp Lemonnier, was supported by an HM3 who provided medical coverage; medical readiness updates, and served as a medical liaison for troops requiring specialty care at the Camp Lemonnier Expeditionary Medical Facility (EMF). Weekly DOT logs were compiled weekly and submitted to the Battalion Medical staff.

KALAF

The Kalaf detail was assigned a HM2 Independent Duty Corpsman (IDC) to provide support for operations during the construction of a maternity clinic in a remote area. HM2 provided medical guidance on occupational, preventive, force health protection measures, basic and emergent sick call as needed and was the lead HM in Djibouti for all medical issues relating to NMCB 74 personnel.

CAMEROON

The Limbe, Cameroon Det was staffed by a HM1 IDC. Working in austere conditions, HM1 provided patient education on proper hydration, food consumption, and adequate work/rest cycles. Due to infancy of location and availability of resources, HM1 initially encountered water/food borne illnesses, but worked with the Battalion to overcome these challenges. Illnesses later dissipated once the detail received shipment of Unitized Group Rations (UGRs) and bottled water.

ROMANIA

Detail Romania was covered by an 8404 HM2. During construction of the AEGIS ASHORE Security Force Camp, HM2 was responsible for all medical care and treatment of NMCB 74 troops.

NORTHCOM

Operations at NMCB Gulfport were supported by a Senior Chief IDC who delivered routine and emergent care with the support of an additional HM1 IDC and HM1 8404 Corpsman. Details at other locations in the NORTHCOM AOR were medically supported via local Navy clinics.

The Battalion Aid Stations (BAS) at Camp Mitchell and Gulfport maintained medical readiness throughout the deployment by providing immunizations, exams, lab work, and PHA's. These efforts ensured good health and wellness in support of the battalion's operational efforts. Medical personnel facilitated instruction of numerous training evolutions and qualifications to include Basic First Aid, Seabee Combat Warfare, and Basic Life Support with Automated External Defibrillator training.

Battalion Aid Station Operations

At Camp Mitchell, the Medical Officer provided care, with the support of three Hospital Corpsman, at the BAS. Sick call was conducted daily for injuries and illnesses requiring routine care, with physical exam appointments being held in the afternoons. Emergent medical issues were screened at the BAS and transported to Naval Hospital Rota if required. Laboratory and radiology exams were also performed at the hospital. A Disease of Non-Battle Injury Report (DNBI) was tracked by U.S. Sixth Fleet Medical Department through the Armed Forces Health Longitudinal Technology Application (AHLTA). A weekly DOT tracker summary was provided to the NMCB 74 Medical Officer to report that all detachment sites remained in compliance for their respective personnel.

NMCB 74 IN-HOUSE MEDICAL PROVIDER METRICS

	JAN	FEB	MAR	APR	MAY	JUN	Total
Total Seen at BAS (Rota)	50	43	42	34	38	30	237
SIQ	3	2	4	3	3	2	17
Immunization	30	10	21	26	25	25	137
MEDEVAC's	0	0	0	0	0	0	0



PUBLIC AFFAIRS

The NMCB 74 Public Affairs Department told the story of NMCB 74 as a Global Force for Good throughout the AOR through high quality photography, professionally written news articles and feature stories, and the effective use of social media. Their efforts highlighted NMCB 74's ability to Operate Forward globally and remain ready and capable of supporting Navy and Joint Forces any place, any time.

A total of 18 feature articles and 59 photos were distributed to national DoD and civilian media outlets. 493 photos were added to NMCB 74's command Facebook page providing invaluable support for Battalion and family morale. In March 2014, the Battalion was notified that the 2013 PACOM deployment cruisebook won first place in the Russell Egnor Navy Media Awards for the category of U011A – Cruisebook (Small Command). The public affairs staff and special assistants also produced a decommissioning cruisebook which covered the 2014 deployment and told the Battalion's history since commissioning in 1944.



The dedicated work of Public Affairs created a lasting record of NMCB 74 Seabees as they enhanced the Seabee legacy and supported national security strategy by building lasting relationships with host nations, paving the way for future partnerships.



CHAPTER III

COMMUNICATIONS / TRAINING / ARMORY



COMMUNICATIONS DEPARTMENT (S6)

NMCB 74's Communications Department deployed six Seabees to Camp Mitchell. The Department replaced various TOA assets, upgraded Controlled Cryptographic Items (CCI) firmware and conducted five Embark Control Center Exercises with Maritime Expeditionary Security Squadron and Commander, Naval Expeditionary Task Force Europe and Africa (CTF-68). The Department also conducted reoccurring training to maintain technical skills and readiness.

Prior to deployment, the Department initiated creation of 148 accounts on ONE-NET for DET EUCOM, facilitating an efficient Battalion turnover. In total, the Department created 167 ONE-NET accounts and resolved 162 trouble calls.

The Camp Mitchell S6 Department was responsible for over 1,100 pieces of communications equipment valued at \$5.6M. The department updated \$110K of test equipment, five AN/PRC-152s, 28 XTS-5000Rs, and four R/T-1694s, with RF-310's and R/T-1949's making Camp Mitchell reach 100% in radio assets. The S6 shop saw the radio upgrade as the perfect opportunity to complete training with the new gear, conducting 42 hours in operational training and maintenance.



The Battalion Communications Department overcame several issues and obstacles during the course of the deployment, directly increasing the ability of the Battalion to communicate. Specific achievements include:

After five months of intense troubleshooting and repairs, the RDSAT terminal was returned to full operational status for the first time in over one year, conducting a successful test of the system during turnover with NMCB 133.

The Communications Department provided qualified technicians to MV Cape Ray (T-AKR-9679) for tactical communication equipment troubleshooting, directly increasing their operational capabilities and providing an excellent training opportunity for NMCB 74.

Due to the configuration of the Batalion spaces and equipment availability issues, the use of VTC was very limited for Battalion personnel, resulting in reduced C2 capability. The Communications Department overcame several logistical obstacles, procuring and configuring 40 webcams to be used with DCO chat, enabling the Battalion to overcaome the VTC shortage and giving the Battalion leadership another communications tool to improve command and control.

During deployment, the NTCSS system went offline, leaving our supply department extremely limited and unable to purchase needed repair parts. The S6 department worked dillegently on the problem, and after 8 days of troubleshooting with Norfolk and Naples, the S6 department, in conjunction with SPAWAR, was able to bring th esystem back online and enabled the S4 department to adeqautly support the Battalion and prepare for unit turnover.

The S6 team ensured that the migration of Windows 7, and replacement of 115 workstations, over a 7 day period, occasionally working 14 hour days, answering over 86 trouble calls, diligently troubleshooting making sure the transition was smooth and did not limit our day-to-day mission.

S6 Department was the key focal point during five monthly ECC exercises that included the planning and promulgation of two Neo-Tracking System servers and six workstations, which processed over 600 role-players, in preparations for any real world evacuation.



TRAINING DEPARTMENT (S7)

NMCB 74 executed a training program that balanced technical, tactical and specialty organization training in order to maximize 3502.2 attainment during deployment. In addition to overall sustainment of mission readiness, individual training was a valuable component to ensure NMCB 74 Seabees enhanced their professional toolboxes for future assignments. During the deployment, the Battalion trained and qualified command members earning 135 more 3M Qualifications.

EMBARKATION AND COMMUNICATION ORG TRAINING

The training department organized a training curriculum to ensure each site had mission critical support for each specialty organization. Not only was this training a tremendous factor in the successful Embark exercise, it was also essential to ensure that the site-specific organizations could successfully complete their daily mission requirements.



GENERAL MILITARY TRAINING (GMT)

The Battalion optimized training days to conduct a balanced effort between Military and Technical Skills training as well as GMT. GMT was conducted in accordance with the FY14 GMT topic list to include curriculum such as Drug and Alcohol Awareness, Equal Opportunity & Grievance Procedures, Suicide Awareness and Operational Stress Control. As a result of this focused effort, the Battalion returned to homeport with 99% completion of all FY14 GMT's for its deployed personnel.

SEABEE COMBAT WARFARE (SCW) TRAINING

NMCB 74 saw measureable growth in two major areas of the SCW Program. The first area was SCW qualification attainment through the implementation of an aggressive training program that included a minimum of 3 weekly training sessions accompanied by Battalion wide training evaluations. Innovative training programs not only increased SCW qualifications, but also reinforced the knowledge and skill set of our current qualified SCW warriors. The second area of growth was in administrative processes and procedures for the SCW Program. Proper documentation and record keeping of an individual's progress along with timely recognition of their achievements stoked the personal drive to complete SCW qualification as quickly as possible or to re-enroll into the program and earn qualification. The overall result was that 165 personnel attained qualification during deployment which equated to 82% of NMCB 74 being qualified. Due to pending decommissioning, the SCW Program formulated a plan to accurately track the progress of non-qualified members, and upon detachment, non-qualified personnel will receive a Page 13 stating their progress while assigned to NMCB 74 to include: date enrolled, course or section completed, FTX dates (as applicable) and test scores. This information will ensure that service members' follow-on commands have all of the documentation needed to accurately track their progress, which eliminated inaccurate reporting and rework by troops upon transferring.





SCW QUALIFICATION REPORT

	Personnel Assigned	Previously Qualified	Qualified on Deployment	Total Qualified
E1 – E6	424	201	136	337
E7 – E9	41	30	11	41
O1 – O5	29	9	18	27

COMMAND FITNESS PROGRAM

NMCB 74 executed a comprehensive fitness program in order to maximize the physical mission of the Battalion. The command fitness leaders (CFLs) developed training plans specific to their Detail or Company in order to ensure Battalion personnel were prepared for the Cycle 14-1 Personal Fitness Assessment (PFA) and fit for duty. The hard work and dedication of the command ACFLs resulted in a 83% pass rate for members that were enrolled in FEP due to performance during the previous cycle. For cycle 14-1, the command had 17 PFA failures across the Battalion, a decrease of 52% (18 members) from the previous cycle.

CYCLE 1, 2014 PFA RESULTS

Maximum.....	5
Outstanding	55
Excellent	128
Good	215
Satisfactory	34
BCA Failure	15
PRT Failure	2
Partial Pass	10
Med Waiver	7

ARMORY

NMCB 74 maintained one full Armory TOA spread between Rota, Spain, and Camp Lemonnier, Djibouti. The keen attention to detail by DET EUCOM’s Gunner’s Mates was directly responsible for preparing 420 M-16s, 160 M4s and 40 M500s for refreshment and identifying 1,074 deficiencies within RCRP. The armory returned 12 MK19s, 12 M2s and 28 M240B from IEM Status I to full operation and conducted 1,283 maintenance checks and ordered repair parts for 11 down weapons. Overall, NMCB 74’s Armory at Camp Mitchell was responsible for maintaining 2,092 pieces of equipment valued at \$3.5M. The armories at both locations were lauded by 22NCR as exceptionally maintained and ready for immediate deployment. This was evident as the armories supported local sustainment ranges and weapons support to CTF-68.



Details NORTHCOM and EUCOM conducted weapons ranges that resulted in 83 M4 and 121 M9 qualifications. Both sites trained on Crew Served Weapons familiarization, fighting position construction, and camp security during the Mil-Block Training week. The NMCB 74



Armory was instrumental in executing successful M16/M4, M500, and M9 live fire ranges conducted at the NAVSTA ROTA Outdoor Small Arms Range in Rota, Spain. Additionally, Armory personnel were responsible for training 145 EUCOM personnel in the use and function of the Table of Allowance weapons and the 3M program.

Detail Combined Joint Task Force—Horn of Africa provided personnel to support Camp Lemonnier's Auxiliary Force. A Seabee-led platoon of Navy and Army personnel conducted one live fire range to battle zero weapons, and participated in two exercises to ensure Combined Joint Task Force—Horn of Africa was prepared for crisis response operations.

NMCB 74 TRAINING AMMUNITION UTILIZATION

NALC	TYPE	AMOUNT
AA68	5.56mm SR	5100
A011	12 GA, NO 00	1440
A363	9mm M882 Ball	8675



CHAPTER IV

OPERATIONS / SAFETY



SAFETY

NMCB 74's safety policy is to provide a "safe and healthy" environment for every Seabee. As such, NMCB 74 pursued an aggressive and comprehensive Naval Occupational Safety and Health (NAVOSH) program that created a culture of safety awareness and ensured the safest possible work practices and conditions for the battalion. Standard operating procedures cleared ambiguity in the daily implementation of safe work practices. Safety staff and company leadership inspections, training, and project site visits had direct, positive influences in assuring that safety was second nature and that construction and tactical operations were in accordance with OSHA, NAVOSH and NMCB 74 guidelines.

Project Safety Supervisors vigilantly monitored their respective crews, ensuring that safety was at the forefront of every activity. With the full support and continuous engagement of the Khaki Leadership, Project Supervisors, Crew Leaders and Safety Representatives during daily safety briefs, in conjunction with safety plans and ORM plans, each crew had an understanding of potential hazards and how to effectively mitigate them. NMCB 74's safety awareness continued to grow and positively impact productivity and mission accomplishment.

ON-DUTY MISHAPS

	Jan14	Feb14	Mar14	Apr14	May14	Jun14	Jul14	Aug14	Total
On Duty Mishaps	2	4	2	5	0	0	0	0	13
Lost Work Days	0	0	0	0	0	0	0	0	0
Lost Work Day Cases	0	0	0	0	0	0	0	0	0
Light Duty Cases	1	0	1	3	0	0	0	0	5
Light Duty Days	7	0	14	26	0	0	0	0	47
Fatalities	0	0	0	0	0	0	0	0	0

OFF-DUTY MISHAPS

	Jan14	Feb14	Mar14	Apr14	May14	Jun14	Jul14	Aug14	Total
Off Duty Mishaps	2	1	3	1	1	0	0	0	8
Lost Work Days	0	0	1	0	0	0	0	0	1
Lost Work Day Cases	0	0	1	0	0	0	0	0	1
Light Duty Cases	1	0	0	0	1	0	0	0	1
Light Duty Days	5	0	0	0	14	0	0	0	19
Fatalities	0	0	0	0	0	0	0	0	0

SAFETY SUMMARY

	Jan14	Feb14	Mar14	Apr14	May14	Jun14	Jul14	Aug14	Total
Total Mishaps	4	5	5	6	1	0	0	0	21
Lost Work Days	0	0	1	0	0	0	0	0	1
Lost Work Day Cases	0	0	1	0	0	0	0	0	1
Light Duty Cases	2	0	1	3	1	0	0	0	6
Light Duty Days	12	0	14	26	14	0	0	0	66
Fatalities	0	0	0	0	0	0	0	0	0
GOV Mishaps	0	0	0	1	0	0	0	0	0

ENVIRONMENTAL / HAZMAT

NMCB 74 maintained OPNAVINST 5090.1C Environmental Readiness Program Manual, Naval Construction Battalion Center Gulfport's Environmental policy in NORTHCOM, Environmental Final Governing Standards-Spain (FGS-Spain) in EUCOM, and other local environmental standards when provided. For locations without specific environmental guidance, the DoD 4715.05-G Overseas

Environmental Baseline Guidance Document was used for the Environmental/HAZMAT program. Unit SOPs, Site Specific Spill Plans, HAZMAT Inventories, Material Safety Data Sheets were continuously maintained. The Battalion utilized the Consolidated Hazardous Material Reutilization and Inventory Management Program (CHRIMP) where available to procure HAZMAT as well as return unused HAZMAT for use by other parties. In NORTHCOM, a self-audit was performed to prepare for the 19-23 May External Environmental Audit (EEA), an assessment on NCBC Gulfport conducted every three years by NAVFAC Southeast. EUCOM coordinated the emptying of a 1,000 gallon used oil storage tank.

HAZWASTE DISPOSED

Used Rags	1,506 LBS
POLs	11,321 LBS
Batteries	3,772 LBS
Fuels/Flammables	30,048 LBS
Empty/Spoiled Containers	814 LBS
Used Oil Filters	944 LBS
<u>Polymers/Other/Unknown</u>	<u>12,636 LBS</u>
TOTAL	61,041 LBS

QUALITY CONTROL

NMCB 74 Quality Control (QC) Department was engaged and proactive in establishing a strong presence on each project at each mission site. A consistent focus on definable features of work, specified tolerances, and project planning greatly improved project management over the course of the deployment. The QC Department established the proper three phases of QC for each project, identified limitations and pursued methods to ensure their correction. Additionally, QC staff conducted several courses of instruction aimed at elevating the commands project management skill and leadership skills. Finally, NMCB 74’s Operations Department oversaw a robust and accurate quality control program, promoting a culture of crisp project execution and focus on quality workmanship across the Battalion.

OPERATIONS

NMCB 74 planned, executed, and exercised Command and Control of the Battalion’s 29 operating locations across 22 countries and four COCOMS, completing 84 projects totaling \$5.2M of materials. These achievements directly supported Installation, Fleet, and Task Force Commanders, facilitating regional stability, strengthening ally partnerships and achieving supported commander’s strategic objectives.



NMCB 74 provided a wide range of critical construction support to a multitude of supported commanders. Under Commander, Task Force 68 (CTF-68) in Europe and Africa, the Battalion commenced the construction of an expeditionary camp to support the Aegis Ashore program in Romania, supported exercise Juniper Cobra in Israel, and performed multiple construction projects in support of Naval Base Rota and Moron Airbase. In AFRICOM, NMCB 74 constructed a medical clinic and an Air Forces-Africa LSA supported Combined Joint Task Force – Horn of Africa (CJTF-HOA), and constructed an Operations Facility, performed camp support functions, and provided site surveys and emergency facility repairs throughout Africa in support of Special Operations Command – Africa (SOCAF). In CENTCOM, the Battalion directly supported Commander, Task Force 56 (CTF-56) in the construction of multiple structures aboard Isa Air Base and NSA Bahrain, support to exercise Eager Lion in Jordan and site surveys throughout the AOR. In NORTHCOM, the Battalion provided local support to NCBC Gulfport, and construction operations at FT Campbell, KY, Panama City, FL, and Andros, Bahamas.



NMCB 74's LABOR DISTRIBUTION SUMMARY

	JAN	FEB	MAR	APR	MAY	JUN	Total	% Total
Direct Labor MDs	1329	3422	3852	4221	4328	3343	20495	79%
Readiness/Training	643	1111	977	1183	1154	497	5565	21%
Total MDs Exp	1972	4533	4829	5404	5482	3840	26060	100%
# of DL / IDL / OH	550	543	532	523	516	505	-	528
# Direct Labor	289	286	280	278	278	260	-	278
% Direct Labor	53%	53%	53%	53%	54%	51%	-	53%
# of Workdays	11	20	22	22	22	22	119	-
Ideal Capability	3576	6435	6930	6880	6880	6435	-	-
Availability Factor	55%	70%	70%	79%	80%	60%	-	69%

NOTE: '# OF WORKDAYS' IS BASED ON A WEIGHTED AVERAGE ACROSS ALL LOCATIONS

TRAINING SUMMARY

Project Number	Project Title	Total Project MDs	Total Project Material Cost (\$)	MDs Tasked	Tasked (%)	Final Work in Place (%)	Mandays Expended
BR14-300	Direct Labor Training, CENTCOM	353	N/A	353	100%	100%	353
SP14-300	Direct Labor Training, EUCOM	1304	N/A	1304	100%	100%	1304
DJ14-300	Direct Labor Training, CJTF HOA	510	N/A	510	100%	100%	510
IS14-300	Direct Labor Training, Israel	43	N/A	43	100%	100%	43
GP14-300	Direct Labor Training, NORTHCOM	1995	N/A	1995	100%	100%	1995
GP14-301	Direct Labor Training (Formal School), NORTHCOM	462	N/A	462	100%	100%	462
RM14-300	Direct Labor Training, Romania	290	N/A	290	100%	100%	290
SF14-300	Direct Labor Training, SOCAF	73	N/A	73	100%	100%	73
CA14-300	Direct Labor Training, Cameroon	221	N/A	221	100%	100%	221
NI14-300	Direct Labor Training, Niger	319	N/A	319	100%	100%	319
TOTAL		5570		5570			5570

LEVEL OF EFFORT TASKING SUMMARY

Project Number	Project Name	Total Project MDs	Total Project Material Cost (\$)	MDs Tasked	Tasked (%)	Final Work in Place (%)	Mandays Expended
BR14-500	ISA PW Spt	912	\$0.00	912	100%	100%	912
JN14-800	Jordan Cp Maint	400	\$0.00	400	100%	100%	400
YN14-200	Guard Post	14	\$0.00	14	100%	100%	14
OM14-200	Oman Tower	28	\$0.00	28	100%	100%	28
UAE14-200	Guard Post	6	\$0.00	6	100%	100%	6
BR14-400	P & E	117	N/A	117	100%	100%	117
SP14-500	Camp Maint.	1653	\$0.00	1653	100%	80%	1316
SP14-600	Evac Control Cnt	324	\$0.00	324	100%	38%	125
SP14-601	FASTEUR Spt	43	\$0.00	43	100%	100%	43
SP14-602	TOA Validation	237	\$0.00	237	100%	100%	237
SP14-400	P & E	366	\$0.00	366	100%	100%	366
CJ14-003	PW & Self Help	595	\$0.00	595	100%	100%	595
CJ14-004	Chabelly Airfield	450	\$0.00	450	100%	100%	450
CJ14-005	EARF Cmd Post	55	\$0.00	55	100%	71%	39
IS14-001	Juniper Cobra Spt	345	\$56,080.00	345	100%	100%	345
GP14-400	P & E	266	N/A	266	100%	100%	266
GP14-500	NCG2 N4 Support	1638	N/A	1638	100%	100%	1638
GP14-202	Working Party Spt	886	N/A	886	100%	100%	886
GP14-501	NCG2 Range Spt	396	N/A	396	100%	100%	396
GP14-502	ASF Support	241	N/A	241	100%	100%	241
RM14-001	P & E	218	N/A	218	100%	100%	218
RM14-002	Emb/MDA Support	351	N/A	351	100%	100%	351
SF14-001	Site Assess, CLDJ	375	\$0.00	375	100%	37%	138
CA14-001	Fac. Imp. Maroua	140	\$0.00	140	100%	100%	140
CA14-002	Site Assess, Cam	125	\$0.00	125	100%	68%	85
NI14-006	Site Assess, Niger	125	\$0.00	125	100%	74%	93
NI14-500	ERF Camp Maint	931	\$0.00	931	100%	100%	931
TOTAL		1,1237	\$56,000	1,1237		92%	10,376

OIC DISCRETIONARY AND COMMUNITY ENGAGEMENT SUMMARY

Project Number	Project Name	Total Project MDs	Total Project Material Cost (\$)	MDs Tasked	Tasked (%)	Final Work in Place (%)	Mandays Expended
BR14-200	OIC-D	100	\$0.00	100	100%	68%	68
BR14-201	Comm. Engage.	143	N/A	143	100%	19%	143
SP14-200	OIC-D	175	\$0.00	175	100%	53	93
SP14-201	Comm. Engage.	341	N/A	341	100%	67%	204
DJ14-200	OIC-D	102	\$0.00	102	100%	100%	102
DJ14-201	Comm. Engage.	198	N/A	198	100%	64%	127
IS14-200	OIC-D	9	\$0.00	9	100%	44%	4
IS14-301	Comm. Engage.	9	N/A	9	100%	56%	5
GP14-200	OIC-D	286	\$0.00	286	100%	96%	274
GP14-201	Comm. Engage.	615	N/A	615	100%	73%	449
KT14-200	OIC-D	60	\$0.00	60	100%	100%	60
KT14-201	Comm. Engage.	12	N/A	12	100%	100%	12
PN12-201	Comm. Engage.	30	N/A	30	100%	100%	30
AD14-500	OIC-D	50	\$0.00	50	100%	100%	50
RM14-200	OIC-D	36	\$0.00	36	100%	100%	36
RM14-301	Comm. Engage.	115	N/A	115	100%	100%	115
SF14-200	OIC-D	99	\$0.00	99	100%	100%	188



Project Number	Project Name	Total Project MDs	Total Project Material Cost (\$)	MDs Tasked	Tasked (%)	Final Work in Place (%)	Mandays Expended
SF14-201	Comm. Engage.	33	N/A	33	100%	91%	30
CA14-200	OIC-D	54	\$0.00	54	100%	100%	54
CA14-201	Comm. Engage.	88	N/A	88	100%	14%	12
NI14-200	OIC-D	68	\$0.00	68	100%	100%	68
NI14-201	Comm. Engage.	88	N/A	88	100%	47%	41
TOTAL		2,711	\$0.00	2,711		75%	2,165

PROJECT TASKING SUMMARY

Project Number	Project Name	Total Project MDs	Total Project Material Cost (\$)	MDs Tasked	Tasked (%)	Final Work in Place (%)	Mandays Expended
BH14-802	50x200 Sun Shd	169	\$318,425.00	169	100%	100%	114
BH13-804	195 X 90 TFS	95	\$334,669.00	95	100%	100%	100
BH14-800	80 x 90 TFS, ISA	348	\$425,000.00	348	100%	15%	68
BH13-805	Trans Yard Fence	167	\$89,000.00	167	100%	100%	167
BH14-201	Seabee Yard Impr	65	\$55,250.00	65	100%	100%	65
BH14-202	ATFP Barrier, ISA	54	\$5,000	54	100%	100%	54
BH14-203	Office Renovation	120	\$0.00	120	100%	100%	120
SP14-001	Flightline Fence	348	\$2,466.57	348	100%	100%	463
SP14-002	NEX Handrail	97	\$2,224.52	97	100%	100%	149
SP14-003	Repair Per Fence	80	\$4,666.41	80	100%	100%	75
SP14-004	Parking Pavers	91	\$0.00	91	100%	100%	89
SP14-006/7	Blk Rem/Shore St	292	\$542.33	292	100%	100%	369
SP14-008	Galley Equip Rem	25	\$0.00	25	100%	100%	31
SP14-100	PHIBLEX Tgt	17	\$0.00	17	100%	100%	11
SP14-013	Fire Break	103	\$0.00	103	100%	100%	112
SP10-885	Gazebo Drainage	38	\$7,718.59	38	100%	100%	155
MO14-001	Demo Hazmat Lkr	62	\$0.00	62	100%	100%	62
MO14-002	Concrete Pad	14	\$0.00	14	100%	100%	21
MO14-003	Comms Office	40	\$0.00	40	100%	100%	63
MO14-007	Const NEX Slab	40	\$0.00	40	100%	100%	60
CJ14-001	Kalaf Clinic, DJ	1,811	\$613,901.00	938	58%	55%	770
CJ14-002	MLO PEB	864	\$188,050.00	393	45%	100%	423
CJ14-006	Chabelly LSA	563	\$0.00	563	100%	100%	597
GP14-845	Road/Site Prep	13	\$8,000.00	13	100%	100%	15
GP14-847	Const/Pnt SEAhut	50	\$3,200.00	25	100%	100%	12
KT13-800	Obstacle Course	306	\$135,000	306	100%	100%	293
PN12-801	Repair Restroom	308	\$55,225.36	308	100%	100%	388
PN12-802	Const Sidewalks	282	49,256.43	282	100%	100%	280
AD14-859	Replace Roof	306	22,888.00	306	100%	100%	202
AD12-850	Replace Sidewalk	251	14,030.17	251	100%	100%	197
RM13-850	Aegis Ashore	2,621	\$636,347.00	1762	67%	69%	1,616
DJ-13-01	Sierra Hotel	132	\$672,891.86	132	100%	100%	127
SF14-002	CLU Expansion	70	\$10,000	70	100%	100%	52
CM13-804	OMU Facility	1257	\$324,242.00	954	76%	100%	932
NI14-001	LAMs Hanger	26	\$25,000	26	100%	100%	26
NI14-004	Cmp Const Dirkou	127	\$0.00	127	100%	100%	127
NI14-005	ERF Warehouse	156	\$0.00	156	100%	6%	10
TOTAL		11,408	\$4,002,994.24	8,877		95%	8,415





DETAILS/DETACHMENTS



DET CENTCOM DEPLOYMENT SUMMARY

DET CENTCOM deployed 34 Seabees to Isa Air Base, Bahrain under OPCON of Task Force 56. The Detachment was split between two missions with 23 Seabees assigned as Task Group 56.2 to provide on and off island construction support and ADR capability and 11 personnel supported a multitude of Public Works functions at Isa, to include COR functions, transportation, self-help, and engineering support.

DET CENTCOM had two turnover projects; a 90' x 195' Tension Fabric Structure (TFS) at the Salman Pier, Bahrain, and improvements to the Seabee Equipment Yard at Isa Airbase. With an average crew size of six personnel, DET CENTCOM commenced Phase II for the TFS with the support of 28 augment Seabees from NMCB TWENTY-EIGHT. The project was completed in the second month of deployment and provided a controlled environment to store and work on maritime equipment in support of the Fifth Fleet. The Seabee Yard fence ensured equipment and materials were safeguarded with two vehicle gates and one personnel gate.



DET CENTCOM's primary mission on deployment was to provide an Airfield Damage Repair (ADR) capability to Isa Air Base. Throughout deployment, ADR training evolutions were held to increase and maintain that capability. DET CENTCOM participated in three joint training sessions with the adjacent MWSS-273 unit, as well as the 2014 Base Recovery After Attack Exercise (BRAAT) on Isa. Taking lessons learned from the BRAAT, DET CENTCOM updated and improved the local ADR Standard Operating Procedures in order to provide a comprehensive response plan for the base.

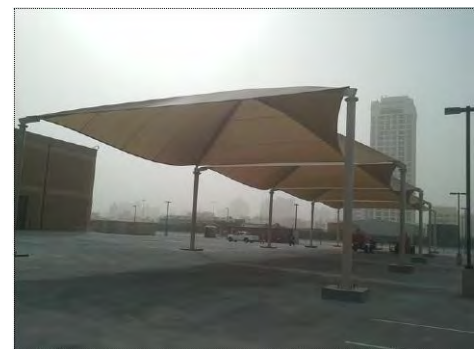
Early in deployment, NAVCENT required Seabee support to remodel the FIFTH Fleet Flag suite in order to meet new security requirements. The crew worked at night to limit mission impacts and meet the required deadline. The crew provided additional quality of life repairs beyond the specified tasking.



At mid-deployment, multiple teams were deployed across the CENTCOM AO to support NAVCENT, ARCENT and MARCENT. The first crew to step off provided two personnel to conduct a site assessment and follow-on quality assurance for the construction of a tower by Omani personnel. The crew provided exceptional oversight and enabled the project to finish ahead of schedule.

Another crew deployed to Jordan to support Pre-Eager Lion 2014 (EL14) construction and exercise support. Leading up to the exercise, the DET sent the Project Manager to the EL14 Main Planning Conference to solidify planning logistics and deployed 10 personnel in support of the exercise, providing expert camp maintenance support and pre-exercise construction ISO ARCENT. Concurrently, a crew of two personnel performed a PDSS ISO MARCENT security forces, supporting planning efforts to upgrade security at MARCENT's operating location.

DET CENTCOM constructed critical storage infrastructure for CTF-57 due to relocation of their sonobouy, engines, engine stands, and repair parts for the P3s. This project provided a low humidity environment for moisture sensitive materials and adequate storage for P3 missions. Additionally, six personnel constructed a 50 ft x 200 ft Shade Structure at Mina Salman Port Base in support of EOD.



During the last weeks of deployment, DET CENTCOM assisted in the future mission planning for projects in UAE, Oman and Bahrain to create project packages and turnover documents.

Concurrently, DET CENTCOM provided support to Isa Air Base by staffing the Public Works Department with 11 personnel to augment the Assistant Public Works Officer. The primary mission was to provide Quality Assurance and Safety oversight for general construction projects, power generation, and water production along with performance assessment of base operations services. Seabees developed projects from conception and worked alongside KBR and Kooheji during the execution phase of projects.

DET CENTCOM Seabees assisted in developing a plan to transition 128 facilities from generator to shore power, performing all of the fieldwork required to identify existing pad mounted transformers, main distribution panels, and materials necessary to implement the transition plan. DET CENTCOM played an important role in correcting eight deficiencies identified during the 2013 Water Sanitary Survey. Implemented corrective actions and oversaw the completion of a project to eliminate potential cross connection hazards and safeguard the potable water system. All these efforts were critical to the future declaration of Isa’s water system as fit for human consumption.

The Public Works Crew provided management of the Installation Environmental Programs and implemented an aggressive HAZMAT/HAZWASTE program on board ISA Air Base. They also coordinated the clean-up and disposal of HAZWASTE, and spearheaded the installation’s recycling program disposing of everything from used tires and POLs to printer toner cartridges and paper. DET CENTCOM Seabees were heavily involved in the preparations for the Joint Staff Integrated Vulnerability Assessment (JSIVA). They evaluated existing facilities against force protection requirements and reviewed current processes to ensure these requirements were met in all future construction projects.

DETACHMENT CENTCOM LABOR DISTRIBUTION SUMMARY

	JAN	FEB	MAR	APR	MAY	JUN	Total	% Total
Direct Labor MDs	314	443	363	367	433	340	2260	55%
Indirect Labor MDs	136	246	272	272	272	272	1470	36%
Readiness/Training	74	82	67	52	66	12	353	9%
Total MDs Exp	524	771	702	691	771	624	4083	100%
# of DL / IDL / OH	34	34	34	34	34	34	34	
# Direct Labor	23	23	23	23	23	23	23	
% Direct Labor	68%	68%	68%	68%	68%	68%	68%	
# of Workdays	11	20	22	22	22	22	119	
Ideal Capability	285	517	569	569	569	569	3078	
Availability Factor	136%	101%	76%	74%	88%	62%	85%	



PROJECT TASKING SUMMARY

Project Number	Project Name	Total Project MDs	Total Project Material Cost (\$)	MDs Tasked	Tasked (%)	Final Work in Place (%)	Mandays Expended
BR14-500	ISA PW Spt	912	\$0.00	912	100%	100%	912
BR14-200	OIC-D	100	\$0.00	100	100%	68%	68
BH14-802	50 x 200 Sun Shd	169	\$318,425.00	169	100%	100%	114
BH13-804	195 X 90 TFS	95	\$334,669.00	95	100%	100%	100
JN14-800	Camp Mnt Jordan	400	\$0.00	400	100%	100%	400
BH14-800	80 x 90 TFS, ISA	348	\$425,000.00	348	100%	15%	68
BH13-805	Trans Yard Fence	167	\$89,000.00	167	100%	100%	167
YN14-200	Guard Post	14	\$0.00	14	100%	100%	14
BH14-201	Seabee Yard Impr	65	\$55,250.00	65	100%	100%	65
BH14-202	ATFP Barrier, ISA	54	\$5,000	54	100%	100%	54
OM14-200	Oman Tower	28	\$0.00	28	100%	100%	28
BH14-203	Office Renovation	120	\$0.00	120	100%	100%	120
UAE14-200	Guard Post	6	\$0.00	6	100%	100%	6
BR14-400	P & E	117	N/A	117	100%	100%	117
BR14-201	Comm Engage	143	N/A	143	100%	19%	143
BR14-300	Direct Labor Trng	353	N/A	353	100%	100%	353
Total		3,091	\$1,227,344.00	3,091	-	-	2,613

DETACHMENT CENTCOM EQUIPMENT AND 3M SUMMARY

EQUIPMENT POPULATION

	BEEP	JAN	FEB	MAR	APR	MAY	JUN	BEEP
Inactive Equipment Management	0	0	0	1	1	0	0	0
Active service	25	25	25	26	26	25	25	25
Active CESE On Deadline	1	1	3	2	2	2	2	2
Automotive Equipment	1	1	1	1	1	1	1	1
Construction Equipment	0	0	1	1	1	1	1	1
Material Handling Equipment	0	0	0	0	0	0	0	0
Total CESE Available	24	24	22	24	24	23	23	23
% CESE Availability	96.0%	96.0%	88.0%	92.6%	92.6%	92.0%	92.0%	92.0%
CESE Processed through DRMO	0	0	0	0	0	4	0	0
Total CESE Managed	25	25	25	27	27	25	25	25

3M SUMMARY

Month	JAN	FEB	MAR	APR	MAY	JUN	Total
SKED	98	127	154	110	134	83	706
Checks	98	127	154	110	134	83	706
RAR	100%	100%	100%	100%	100%	100%	100%
Spot Checks	6	6	6	4	4	3	29
UNSAT Checks	0	0	1	0	0	0	1
Partial Checks	0	0	0	0	0	0	0
ACF	100%	100%	90%	100%	100%	100%	98%
PPR	100%	100%	90%	100%	100%	100%	98%

Note: Based on all 3M Work Centers



**TENSION FABRIC STRUCTURE 80' X 90' PHASE I
BH14-800**

Project Scope: Construct foundation and structural floor slab, assemble and erect 80' x 90' Tension Fabric Structure (TFS). TFS storage facility is required to support the Maritime Patrol & Reconnaissance Aircraft (MPRA) mission of CTF 57 at Isa Air Base.

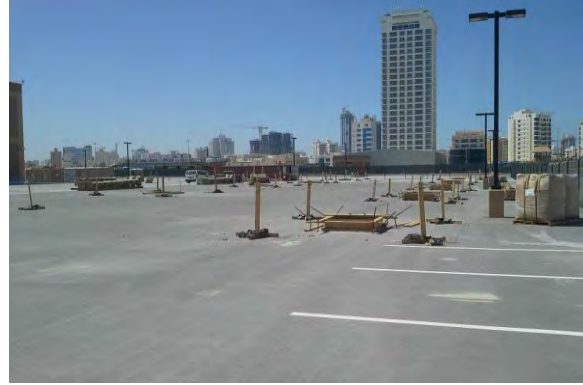
Personnel:	4	Personnel Assigned
Duration:	26MAR14 – 20JUN14	
Mandays Expended:	Previous Battalion:	0
	NMCB 74:	68
Tasking:	WIP at turnover:	0%
	WIP at deployment completion:	15%
	MD Tasked to NMCB 74:	348
	Total Project MD:	348
Material Cost:	\$405,000.00	
Cost Savings:	\$23,800.00	

Significant Safety Issues: Because of the current temperature period for the location and rising temperatures the base has issued repeated Black Flag warning prescribing a 25% work and 75% rest cycle when working outdoors. The crew has shifted to night operations to counteract the temperature.

Significant QC Issues: None.

Significant Design Issues: The state of the underlying earth in the project location consists of hard rock making it challenging to excavate below grade for foundation and slab. The approved method of construction is to build the site up to the foundation and backfill the void underneath the slab.

Significant Material Issues: Due to design change, fill material was ordered after BOM submission and resulted in a delay along with contractor access onto Isa Air Base's newly strict changes for access to the installation.



**SUNSHADE STRUCTURE 50' X 200', MINA SALMAN PIER
BH14-802**

Project Scope: Command Task Group 56.2 has been tasked to provide P&E and construction of a 50ft x 200ft Shade Structure for the EOD unit technicians to perform maintenance on their watercraft.

Personnel: 5 Personnel Assigned
Duration: 06MAR14 – 24APR14
Mandays Expended: Previous Battalion: 0
 NMCB 74: 114
Tasking: WIP at turnover: 0%
 WIP at deployment completion: 100%
 MD Tasked to NMCB 74: 169
 Total Project MD: 169
Material Cost: \$366,669.00
Cost Savings: \$39,900.00

Significant Safety Issues: None.

Significant QC Issues: Fabric is too loose on each bay. Fabric was rotated 90 degrees with same results. Manufacturer was contacted and Det coordinated a solution to tighten fabric.

Significant Design Issues: None.

Significant Material Issues: The structure was delivered with earth anchors and the exchange for concrete anchor system delivery resulted in a two-week delay.



**ATFP BARRIER PROJECT, ISA AIR BASE
BH14-202**

Project Scope: Rough cut a 2400ft x 25ft emergency access road along the North Fence. Upon completion of road place 317 vehicle barriers 3-4ft apart with 3/4in aircraft cable threaded through blocks.

Personnel:	4	Personnel Assigned
Duration:	06FEB14 – 20FEB14	
Mandays Expended:	Previous Battalion:	0
	NMCB 74:	54
Tasking:	WIP at turnover:	0%
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	54
	Total Project MD:	54
Material Cost:	\$5,000.00	
Cost Savings:	\$18,900.00	
Significant Safety Issues:	None.	
Significant QC Issues:	None.	
Significant Design Issues:	None.	
Significant Material Issues:	None.	



**CAMP MAINTENANCE SUPPORT, JTC, JORDAN
JN14-800**

Project Scope: A task-tailored detail is to perform camp maintenance for Joint Training Camp, Jordan and provide support for Exercise Eager Lion 2014.

Personnel: 10 Personnel Assigned
Duration: 16APR14 – 10JUN14
Mandays Expended: Previous Battalion: 0
 NMCB 74: 400
Tasking: WIP at turnover: 0%
 WIP at deployment completion: 100%
 MD Tasked to NMCB 74: 400
 Total Project MD: 400
Material Cost: N/A
Cost Savings: \$140,000.00

Significant Safety Issues: Because of the current temperature period for the location and rising temperatures the base has issued repeated Black Flag warning prescribing a 25% work and 75% rest cycle when working outdoors. The crew has shifted to night operations to counteract the temperature.

Significant QC Issues: None.

Significant Design Issues: The state of the underlying earth in the project location consists of hard rock making it challenging to excavate below grade for foundation and slab. The approved method of construction is to build the site up to the foundation and backfill the void underneath the slab.

Significant Material Issues: Due to design change, fill material was ordered after BOM submission and resulted in a delay along with contractor access onto Isa Air Base's newly strict changes for access to the installation.



**TRANSPORTATION YARD FENCE, ISA AIR BASE
BH13-805**

Project Scope: Construct 1,429 linear feet of chain link fence with two vehicle gates and one personnel gate.

Personnel:	4	Personnel Assigned
Duration:	28FEB14 – 02APRL14	
Mandays Expended:	Previous Battalion:	0
	NMCB 74:	167
Tasking:	WIP at turnover:	0%
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	167
	Total Project MD:	167
Material Cost:	\$89,000.00	
Cost Savings:	\$58,450.00	
Significant Safety Issues:	None.	
Significant QC Issues:	None.	
Significant Design Issues:	None.	
Significant Material Issues:	None.	



**TENSION FABRIC STRUCTURE 90' X 195' PHASE II, MINA SALMAN PIER
BH13-804**

Project Scope: Phase II, Remove 100 CY of asphalt and discard into construction dumpsters. Place a 45ft x 90ft concrete pad in the south end of the TFS. After placement of the interior pad, install gable end of the TFS to include a 16ft sliding door.

Personnel:	7	Personnel Assigned
Duration:	09JAN14 – 03MAR14	
Mandays Expended:	Previous Battalion:	0
	NMCB 74:	100
Tasking:	WIP at turnover:	0%
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	95
	Total Project MD:	95
Material Cost:	\$334,669.00	
Cost Savings:	\$35,000.00	
Significant Safety Issues:	None.	
Significant QC Issues:	None.	
Significant Design Issues:	None.	
Significant Material Issues:	None.	

DET EUCOM DEPLOYMENT SUMMARY

The 140 Seabees of DET EUCOM deployed in January and kept a constant press in the execution of their mission. Tasked with execution of CTF68 mission requirements, exercise support and community engagement, the DET also maintained a full P-25 Table of Allowance of weapons, communications gear, containers, supplies, tool kits, 289 units of CESE and provided logistics support for other Detail sites.



Support Company supported inventories, validations, replenishments, and removal of excess camp materials which restored the validity and integrity of the TOA. They cycled 289 units of Civil Engineer Support Equipment (CESE) and over 900 weapons out of IEM correcting deficiencies and ensuring the operational readiness of equipment for potential contingency support. They completed numerous inspections, including ARP inventory, Naval Crane Center equipment evaluation, and Armory Explosive Safety Assessment.

Projects Company executed diverse projects including the removal of over 300 concrete blocks around base, shore stabilization, installation of an 800 yard security fence along the flight line, perimeter fence repairs, construction of handrails at the NEX, installation of pavers, target support for PHIBLEX 14, planning of building 350 renovation, and gazebo drainage correction. During the course of the deployment, the Det received emergent tasking to deploy a sub-det to Moron Airbase to complete seven priority projects in support of the USMC SP-MAGTF plus-up.

The Camp Maintenance department worked diligently on revitalizing Camp Mitchell and reestablishing the Seabee presence. They completed 500 trouble calls throughout 26 facilities positively impacting the projected lifetime of the facilities of Camp Mitchell in support of 22NCR FWD and future Seabee units.

The DET demonstrated their proficiency and interoperability during various exercises. The Det provided CESE and embarkation support to exercise Lisa Azul and multiple FASTER exercises. The Det conducted an Embark Training Exercise validating crisis response capability and received numerous plaudits from TF-68 in response to their monthly Evacuation Control Center (ECC) exercises. The Det worked diligently to perfect their ECC practices and procedures, ensuring maximum readiness and demonstrating the ability to conduct evacuations safely and professionally.

The DET conducted eight community relations projects including numerous improvements to the local Boy Scout Camp, the clean-up of Admiral's Beach, support of numerous events at the local school, and repairs to the Rota Animal Welfare compound directly impacting the positive image of the Navy and NCF in the local community. DET EUCOM finished their deployment strong and left Naval Station Rota better than when they arrived, forever cementing the good name of NMCB 74 on her last deployment.



DETAIL EUCOM LABOR DISTRIBUTION SUMMARY

	JAN	FEB	MAR	APR	MAY	JUN	Total	% Total
Direct Labor MDs	359	561	849	791	778	705	4043	27%
Indirect Labor MDs	928	1710	1881	1782	1782	1332	9415	64%
Readiness/Training	108	368	154	200	390	84	1304	9%
Total MDs Exp	1395	2639	2884	2773	2950	2121	14762	100%
Summary Metrics								
# of DL / IDL / OH	138	139	139	127	127	137	135	
# Direct Labor	63	63	63	55	55	63	60	
% Direct Labor	46%	46%	46%	43%	43%	46%	44%	
# of Workdays	11	20	22	22	22	16	113	
Ideal Capability	780	1417	1559	1361	1361	1134	7612	
Availability Factor	60%	66%	64%	73%	86%	70%	70%	

PROJECT TASKING SUMMARY

Project Number	Project Name	Total Project MDs	Total Project Material Cost (\$)	MDs Tasked	Tasked (%)	Final Work in Place (%)	Mandays Expended
SP14-001	Flight Line Fence	348	\$2,466.57	348	100%	100%	463
SP14-002	NEX Handrail	97	\$2,224.52	97	100%	100%	149
SP14-003	Repair Per Fence	80	\$4,666.41	80	100%	100%	75
SP14-004	Parking Pavers	91	\$0.00	91	100%	100%	89
SP14-006/007	Block Removal/ Shore Stab	292	\$542.33	292	100%	100%	369
SP14-008	Galley Equip Rem	25	\$0.00	25	100%	100%	31
SP14-010	PHIBLEX Target	17	\$0.00	17	100%	100%	11
SP14-013	Fire Break	103	\$0.00	103	100%	100%	112
SP14-200	OIC Discretionary	175	\$0.00	175	100%	53%	93
SP10-885	Gazebo drainage	38	\$7,718.59	38	100%	100%	155
SP14-500	Camp Maint.	1653	\$0.00	1653	100%	80%	1316
MO14-001	Demo Hazmat Lkrs	62	\$0.00	62	100%	100%	62
MO14-002	Concrete Pad	14	\$0.00	14	100%	100%	21
MO14-003	Comms Office	40	\$0.00	40	100%	100%	63
MO14-007	Const NEX Slab	40	\$0.00	40	100%	100%	60
SP14-600	Evac Control Cntr	324	\$0.00	324	100%	38%	125
SP14-601	FASTEUR Support	43	\$0.00	43	100%	100%	43
SP14-602	TOA Validation	237	\$0.00	237	100%	100%	237
SP14-400	P & E	366	\$0.00	366	100%	100%	366
SP14-201	Comm Engage	341	\$0.00	341	100%	67%	204
SP14-300	Direct Labor Trng	1304	\$0.00	1304	100%	100%	1304
Total		5,690	\$15,151.85	5,690	100%	87%	5,347

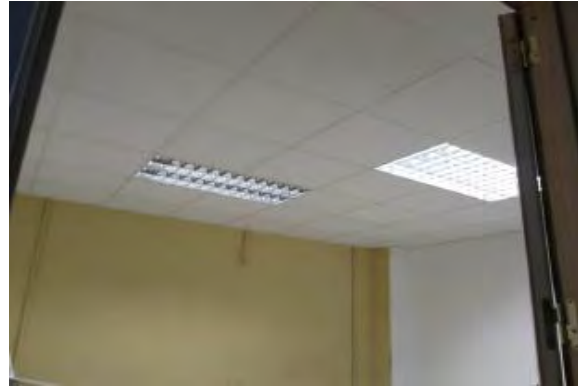


EQUIPMENT POPULATION

	BEEP	JAN	FEB	MAR	APR	MAY	JUN	BEEP
Inactive Equipment Management	211	210	206	216	220	211	224	224
Active service	82	79	79	81	81	81	68	68
Active CESE On Deadline	16	10	9	9	8	10	10	10
Automotive Equipment	8	8	5	5	3	5	6	6
Construction Equipment	2	2	3	3	4	4	3	3
Material Handling Equipment	0	0	1	1	1	1	1	1
Total CESE Available	66	69	70	72	73	71	58	58
% CESE Availability (OLD CALC)	73.2%	75%	92%					
% CESE Availability (NEW CALC)	94.5%	96.5%	96.8%	97.0%	97.3%	96.6%	96.6%	96.6%
CESE Processed through DRMO	0	0	0	0	0	8	0	0
Total CESE Managed	293	289	285	297	301	292	292	292

3M SUMMARY

Month	JAN	FEB	MAR	APR	MAY	JUN	Total
SKED	369	661	1242	1092	1511	746	5621
Checks	369	661	1242	1092	1511	746	5621
RAR	100%	100%	100%	100%	100%	100%	100%
Spot Checks	15	15	16	15	16	15	92
UNSAT Checks	0	1	2	0	0	0	3
ACF	100%	93%	87%	100%	100%	100%	97%
PPR	100%	93%	87%	100%	100%	100%	97%



**CONSTRUCT COMMUNICATIONS OFFICE
MO14-003**

Project Scope: Placement of an office space inside the larger communications room with an open ceiling and be covered with drywall on the interior and exterior, install a ductless HVAC split unit, excavation of approximately 300 feet trench 2 feet deep for the installation of fiber optic cable, and repair existing metal door and install cipher lock for the communications room.

Personnel: 5 Personnel Assigned
Duration: 15APR14 – 31MAY14
Man-days Expended: Previous Battalion: N/A
 NMCB 74: 63
Tasking: WIP at turnover: N/A
 WIP at deployment completion: 100%
 MD Tasked to NMCB 74: 40
 Total Project MD: 40
Material Cost: \$6,066.53
Cost Savings: \$22,050.00

Significant Safety Issues: Personnel injury due to skin irritation- Employers required employees to use appropriate hand protection when employee’s hands were exposed to hazards such as those from skin absorption or harmful substances; cuts or lacerations; abrasions; punctures; chemical burns; thermal burns; and harmful temperature extremes.

Significant QC Issues: Visqueen was placed on the floor along each wall with a minimum coverage of 4' in order to prevent damage to existing conditions and/or offices located below area of construction.

Significant Design Issues: None.

Significant Material Issues: None.



**DEMO HAZMAT LOCKER
MO14-001**

Project Scope: Demolition and removal of six (6) concrete HAZMAT Lockers on board Moron AB, Spain to support the installation of shower trailers for SP-MAGTF. This project also includes the placement of a 123 foot by 4 foot by 4 inch thick concrete pad which will be doweled into the existing concrete pad.

Personnel:	5	Personnel Assigned
Duration:	8APR14 – 25APR14	
Man-days Expended:	Previous Battalion:	N/A
	NMCB 74:	62
Tasking:	WIP at turnover:	N/A
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	62
	Total Project MD:	62
Material Cost:	\$1,304.18	
Cost Savings:	\$21,700.00	

Significant Safety Issues: Injury to personnel due to faulty tools - All hand and power tools and similar equipment, whether furnished by the employer or the employee, were maintained in a safe condition.

Significant QC Issues: Utilized visqueen to maintain concrete in a moist condition and protected against rain or physical damage for a curing period of not less than 2 days.

Significant Design Issues: None.

Significant Material Issues: None.



**NAVSTA ROTA FIRE BREAK
SP14-013**

Project Scope: Utilize a dozer and front-end loader to clear approximately one mile of brush and load into dump trucks for hauling to designated on site dump location. Follow on with rolling and compaction of fire breaks.

Personnel:	5	Personnel Assigned
Duration:	2APR14 – 10MAY14	
Man-days Expended:	Previous Battalion:	N/A
	NMCB 74:	112
Tasking:	WIP at turnover:	N/A
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	103
	Total Project MD:	103
Material Cost:	\$0.00	
Cost Savings:	\$39,200.00	

Significant Safety Issues: The controls of loaders, excavators, or similar equipment with folding booms or lift arms were not operated from a ground position unless so designed.

Significant QC Issues: All fire breaks were sloped to allow for proper water drainage.

Significant Design Issues: None.

Significant Material Issues: None.



**INSTALL FLIGHT LINE FENCE
SP14-001**

Project Scope: Installation of approx. 3000 linear feet of chain link fencing 8' high from the Northwest corner of NCTMS bldg. to the Southeast corner of runway. The fence will include 2 double-swing gates and 1 personnel gate. The entire fence will be topped with triple strand barbed wire.

Personnel:	10	Personnel Assigned
Duration:	3MAR14 – 09JUN14	
Man-days Expended:	Previous Battalion:	N/A
	NMCB 74:	463
Tasking:	WIP at turnover:	N/A
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	348
	Total Project MD:	348
Material Cost:	\$2,466.57	
Cost Savings:	\$162,050.00	

Significant Safety Issues: Housekeeping. Rubbish, brush, long grass and other combustible material were kept from areas where flammable and combustible liquids are stored, handled or processed.

Significant QC Issues: Fence posts were be placed in straight rows 8' O.C. Crew used a transit to line up all stakes that will mark out post holes.

Significant Design Issues: None.

Significant Material Issues: None.



**GALLEY EQUIPMENT REMOVAL
SP14-008**

Project Scope: Removal of all galley equipment, palletize and transport all equipment to warehouse. Demolish a section of the wall and rebuild once all equipment has been moved.

Personnel: 6 Personnel Assigned

Duration: 11MAR14 – 24MAR14

Man-days Expended: Previous Battalion: N/A
NMCB 74: 31

Tasking: WIP at turnover: N/A
WIP at deployment completion: 100%
MD Tasked to NMCB 74: 25
Total Project MD: 25

Material Cost: \$0.00

Cost Savings: \$10,850.00

Significant Safety Issues: Dust and debris from project site caused a minor inconvenience for the entry into the MWR building. Once the sight was clear and clean, the main entrance was reopened.

Significant QC Issues: Provide joint, fastener depression, and corner treatment. Tool joints as smoothly as possible to minimize sanding and dust. Ensure site is presentable and in better condition at completion than at the beginning of project work.

Significant Design Issues: None.

Significant Material Issues: None.



**CORRECT DRAINAGE AT AIR TERMINAL GAZEBO
SP10-885**

Project Scope: Remove and replace existing floor tile for slope and drainage correction. Place French drain in abutting sidewalk.

Personnel: 4 Personnel Assigned
Duration: 16APR14 – 06JUN14
Man-days Expended: Previous Battalion: N/A
 NMCB 74: 155
Tasking: WIP at turnover: N/A
 WIP at deployment completion: 100%
 MD Tasked to NMCB 74: 38
 Total Project MD: 38

Material Cost: \$7,831.26

Cost Savings: \$54,250.00

Significant Safety Issues: Hand and power tools shall be in good repair and with all required safety devices installed and properly adjusted.

Significant QC Issues: Maintaining proper spacing, level, and alignment required rework on several sections of tile.

Significant Design Issues: None.

Significant Material Issues: None.



**CONSTRUCTION NEX SLAB
MO14-007**

Project Scope: The Project includes cut/fill/compact existing ground to accommodate for the placement of a 42'11" x 35' x 6" reinforced concrete slab behind the Moron NEX Mini Mart. The slab will have a broom finish and will slope to the existing drains.

Personnel:	6	Personnel Assigned
Duration:	05MAY14 – 27MAY14	
Man-days Expended:	Previous Battalion:	N/A
	NMCB 74:	60
Tasking:	WIP at turnover:	N/A
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	40
	Total Project MD:	40
Material Cost:	\$0.00	
Cost Savings:	\$21,000.00	

Significant Safety Issues: Injury due to lime burns/chemical burns- Gloves of the proper type were worn by persons involved in activities that expose the hands to cuts, abrasions, punctures, burns and chemical irritants (laying concrete).

Significant QC Issues: All concrete was be thoroughly consolidated when received from transit mixer and thoroughly worked around reinforcement and embedded fixtures and into corners of forms, by tapping edge forms.

Significant Design Issues: None.

Significant Material Issues: None.



**NEX STAIR HANDRAIL
SP14-002**

Project Scope: Install two 40' handrails and concrete stringers on existing steps behind the NEX facility. Handrails will be constructed with 2" metal pipe and painted black. The task start-stop percent is 0% to 100%.

Personnel:	3	Personnel Assigned
Duration:	18FEB14 – 28MAR14	
Man-days Expended:	Previous Battalion:	N/A
	NMCB 74:	149
Tasking:	WIP at turnover:	N/A
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	97
	Total Project MD:	97
Material Cost:	\$2,224.52	
Cost Savings:	\$52,150.00	

Significant Safety Issues: All welding equipment was inspected before each use to ensure that all required safety devices and ancillary equipment were in place and properly functioning.

Significant QC Issues: Significant material delays and compaction issues resulted in a slight project delay.

Significant Design Issues: None.

Significant Material Issues: None.



**INSTALL PARKING PAVERS BLDG 226
SP14-004**

Project Scope: The project scope includes widening the existing driveway path the width of 3 pavers throughout.

Personnel:	5	Personnel Assigned
Duration:	18FEB14 – 18MAR14	
Man-days Expended:	Previous Battalion:	N/A
	NMCB 74:	89
Tasking:	WIP at turnover:	N/A
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	91
	Total Project MD:	91
Material Cost:	N/A	
Cost Savings:	\$31,150	

Significant Safety Issues: Pinched fingers or abrasions from placing paver stones- Gloves will be worn while handling paver stones to prevent skin cuts and abrasions.

Significant QC Issues: As the pavers were placed, they were tapped down firmly with a rubber mallet. After all pavers were set, a vibratory sled was used to complete one final full area settling of the stones.

Significant Design Issues: None.

Significant Material Issues: None.



**REPAIR FENCE AT PERIMETER ROAD
SP14-003**

Project Scope: Repair approximately 260' of damaged chain link fencing on perimeter road.

Personnel:	5	Personnel Assigned
Duration:	04MAR14 – 05MAY14	
Man-days Expended:	Previous Battalion:	N/A
	NMCB 74:	75
Tasking:	WIP at turnover:	N/A
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	80
	Total Project MD:	80
Material Cost:	\$4,666.41	
Cost Savings:	\$26,250.00	

Significant Safety Issues: Form work, shoring, and bracing was designed, fabricated, erected, supported, braced, and maintained so that it would safely support all vertical and lateral loads that might be applied until such loads can be supported by the structure.

Significant QC Issues: Bollards was placed level and plumb and was spaced at 4' intervals. All the bollards were painted yellow for high visibility.

Significant Design Issues: None.

Significant Material Issues: None.



**CONCRETE REMOVAL / PIER III STABILIZATION
SP14-006/007**

Project Scope: Complete the placement of concrete blocks for erosion control around Pier III by using concrete blocks from remaining pipeline that has been previously removed. Remove metal foot bridges and replace with concrete sidewalks.

Personnel:	5	Personnel Assigned
Duration:	27JAN14 – 27MAY14	
Man-days Expended:	Previous Battalion:	N/A
	NMCB 74:	369
Tasking:	WIP at turnover:	N/A
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	292
	Total Project MD:	292
Material Cost:	\$542.33	
Cost Savings:	\$129,150.00	

Significant Safety Issues: Verification of a ground guide for all CESE movement throughout the project.

Significant QC Issues: Inadequate wooden formwork for sidewalk. Rework of demolition and reinstalling metal formwork for a second pour of concrete.

Significant Design Issues: None.

Significant Material Issues: None.



**PHIBLEX 14 TARGET SUPPORT, ROTA, SPAIN
SP14-100**

Project Scope: Construct, paint, and erect 24' x 8' plywood T90 tank silhouette target.

Personnel:	6	Personnel Assigned
Duration:	28JAN14 – 06FEB14	
Man-days Expended:	Previous Battalion:	N/A
	NMCB 74:	11
Tasking:	WIP at turnover:	N/A
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	17
	Total Project MD:	17
Material Cost:	\$0.00	
Cost Savings:	\$3,850	
Significant Safety Issues:	Material and tools were securely fastened to flatbed truck for safe transportation to erection site. Assembly site was cleared by EOD personnel prior to final construction of target.	
Significant QC Issues:	Target was been fully assembled and disassembled to ensure ease of assembly and that there are no concerns with the connection of the target components once it arrived job site.	
Significant Design Issues:	None.	
Significant Material Issues:	None.	

DETAIL ISRAEL DEPLOYMENT SUMMARY

In March 2014, NMCB 74 deployed 12 Seabees from Rota, Spain to Israel in support of exercise Juniper Cobra 2014. The Det provided camp maintenance and construction support, conducting multiple small projects across the site IOT upgrade current facilities for the current and future exercises. No Seabees had been to the site in over a year, and the Seabees faced and overcame a multitude of challenges in restarting a Seabee presence at the site. Work was done in restarting relationships with host nation personnel, validating support requirements, and securing future work.

Over the course of deployment, the Detail managed and executed 12 tasked projects, worth a combined \$1.6M while providing a forward presence and expert construction support to the host nation. Projects included clearing, grubbing, and compacting of over 5 acres of earth for various future construction, K-span communications upgrades, installation erosion control, and sidewalk installation. All of these projects had a direct impact on the livability of the site, and provided much needed upgrades in support of host nation and USAREUR.

In addition to construction operations, the Det focused their attention on CESE management, inspecting and repairing 20 pieces of CESE that had been secured on the site for over a year. The det was able to catch up on required maintenance, and thoroughly inspect each piece for needed repairs. A comprehensive list of repair parts was generated and ordered, and the Det worked diligently to prepare all on-site CESE for upcoming earth work tasked to NMCB 133.

Additionally, the Det conducted a comprehensive inventory of all tools and equipment at the site, validating current lists and increasing accuracy for future NMCB missions.

Detail Israel coordinated one community relations event in support of the base and the military cleaning up the pool which raising moral for the families and those that live on the base. The event promoted a strong bond between the United States and the Israel forces.





DETAIL ISRAEL LABOR DISTRIBUTION SUMMARY

	MAR	APR	MAY	JUN	Total	% Total
Direct Labor MDs	2	130	178	44	354	58%
Indirect Labor MDs	18	95	81	23	217	35%
Readiness/Training	1	24	13	5	43	7%
Total MDs Exp	21	249	272	72	614	100%
# of DL / IDL / OH	12	12	12	12	12	
# Direct Labor	8	8	8	8	8	
% Direct Labor	67%	67%	67%	67%	67%	
# of Workdays	4	21	18	5	48	
Ideal Capability	36	189	162	45	432	
Availability Factor	8%	81%	117%	108%	92%	

PROJECT TASKING SUMMARY

Project Number	Project Number	Total Project MDs	Total Project Material Cost (\$)	MDs Tasked	Tasked (%)	Final Work in Place (%)	Mandays Expended
IS14-001	Juniper Cob Spt	345	\$56,080.00	345	100%	100%	345
IS14-200	OIC-D	9	\$0.00	9	100%	44%	4
IS14-301	Comm Engage	9	\$0.00	9	100%	56%	5
IS14-300	Dir Labor Trng	43	\$0.00	43	100%	100%	43
	Total	406	\$56,080.00	406	-	-	397

DETAIL ISRAEL EQUIPMENT AND 3M SUMMARY

EQUIPMENT POPULATION

	BEEP	JAN	FEB	MAR	APR	MAY	JUN	BEEP
Inactive Equipment Management	20	20	20	20	0	0	20	20
Active service	0	0	0	0	20	20	0	0
Active CESE On Deadline	0	0	0	0	4	4	4	4
Automotive Equipment	0	0	0	0	3	3	3	3
Construction Equipment	0	0	0	0	0	0	0	0
Material Handling Equipment	0	0	0	0	1	1	1	1
Total CESE Available	20	20	20	20	16	16	16	16
% CESE Availability	100.0%	100.0%	100.0%	100.0%	80.0%	80.0%	80.0%	80.0%
CESE Processed through DRMO	0	0	0	0	0	0	0	0
Total CESE Managed	20	20	20	20	20	20	20	20

3M SUMMARY

Month	MAR	APR	MAY	JUN	Total
SKED	0	169	199	0	368
Checks	0	169	199	0	368
RAR	0%	100%	100%	0%	100%
Spot Checks	0	0	0	0	0
UNSAT Checks	0	0	0	0	0
Partial Checks	0	0	0	0	0
ACF	0%	100%	100%	0%	100%
PPR	0%	100%	100%	0%	100%

Note: Based on all 3M Work Centers



**EXERCISE SUPPORT - JUNIPER COBRA
EROSION CONTROL**

Project Scope: Place 1,278 square feet of Geo-textile to be filled with 41 cubic meters of concrete to stop erosion from reaching PEB. Place 6 cubic meters of concrete for a sidewalk between KSPAN 1 and 2.

Personnel: 8 Personnel Assigned
Duration: 30MAR14 – 10MAY14
Mandays Expended: Previous Battalion: 0
 NMCB 74: 70
Tasking: WIP at turnover: 0%
 WIP at deployment completion: 100%
 MD Tasked to NMCB 74: 70
 Total Project MD: 70

Material Cost: \$15,000.00

Cost Avoidance: \$24,500.00

Significant Safety Concerns: Hand injuries were a major concern. Gloves issued before work began.

Significant QC Issues:
 Ensure ramp angle can be easily navigated by people. Edges of concrete to be straight and square. Concrete finish to be rough texture to prevent slipping.

Significant Design Issues: None

Significant Material Issues: None



**EXERCISE SUPPORT - JUNIPER COBRA
CLEARING AND GRUBBING**

Project Scope: Clear and grub 200 square meters for tent placement. Clear and prepare site for future buildings. Clear and grub areas pointed out by Host Nation. Build up platform for 2 HMMWV to sit level next to KSPAN. Compact ground to 95% at two feet of sub grade in preparation for follow-on work.

Personnel: 8 Personnel Assigned
Duration: 5APR14 – 05JUN14
Mandays Expended: Previous Battalion: 0
 NMCB 74: 81
Tasking: WIP at turnover: 0%
 WIP at deployment completion: 100%
 MD Tasked to NMCB 74: 81
 Total Project MD: 81
Material Cost: \$13,380.00
Cost Avoidance: \$28,350.00

Significant Safety Concerns: Situational awareness was a major concern. Ensured areas for clearing are walked before any work began.

Significant QC Issues: None

Significant Design Issues: None

Significant Material Issues: None



**EXERCISE SUPPORT - JUNIPER COBRA
KSPAN IMPROVEMENTS**

Project Scope: Repair and replace 600 square feet of drop ceiling. Install L brackets and 3,300 linear feet of cable trays. Build and install a 10’X10’X8’ security cage in KSPAN 1 and 2.

Personnel: 8 Personnel Assigned

Duration: 28MAR14 – 10APR14

Mandays Expended: Previous Battalion: 0
NMCB 74: 62

Tasking: WIP at turnover: 0%
WIP at deployment completion: 100%
MD Tasked to NMCB 74: 62
Total Project MD: 62

Material Cost: \$6,900.00

Cost Avoidance: \$21,800.00

Significant Safety Concerns: Persons involved in activities are subject to hand injury. Persons involved with cutting steel are subject to eye injury. Wear prescribed PPE as required.

Significant QC Issues: None

Significant Design Issues: None

Significant Material Issues: None



**EXERCISE SUPPORT - JUNIPER COBRA
CAMP IMPROVEMENTS**

Project Scope: Build portable exercise equipment. Build 175 room partitions. Build stands for signs. Repair Johnson Gate.

Personnel: 8 Personnel Assigned

Duration: 11APR14 – 5JUN14

Mandays Expended: Previous Battalion: 0
NMCB 74: 60

Tasking: WIP at turnover: 0%
WIP at deployment completion: 100%
MD Tasked to NMCB 74: 60
Total Project MD: 60

Material Cost: \$10,900.00

Cost Avoidance: \$21,000.00

Significant Safety Concerns: Persons involved in activities are subject to hand injury. Persons involved with grinding and cutting steel are subject to eye injury. Wear prescribed PPE as required.

Significant QC Issues: None

Significant Design Issues: None

Significant Material Issues: None



**EXERCISE SUPPORT - JUNIPER COBRA
PERIMETER SECURITY FENCELINE**

Project Scope: Install fencing 19 inches below the ground.

Personnel: 8 Personnel Assigned
Duration: 28MAR14 – 10APR14
Mandays Expended: Previous Battalion: 0
 NMCB 74: 72
Tasking: WIP at turnover: 0%
 WIP at deployment completion: 100%
 MD Tasked to NMCB 74: 72
 Total Project MD: 72
Material Cost: \$9,900.00
Cost Avoidance: \$25,200.00

Significant Safety Concerns: Persons involved in activities are subject to hand injury. Persons involved with cutting steel are subject to eye injury. Wear prescribed PPE as required.

Significant QC Issues: None

Significant Design Issues: None

Significant Material Issues: None

DETAIL ROMANIA DEPLOYMENT SUMMARY

NMCB 74 DET Romania deployed to Rota, Spain in mid-January to begin preparations for follow-on deployment to Romania. The detail received initial prints for the Aegis Ashore Security Force Camp in late January and began planning and estimating, embarkation and mission planning. Construction started on Deveselu Airbase in late February.

The Detail was tasked with construction of a camp from the ground up for security and support personnel who are necessary for the installation and operation of the Ballistic Missile Defense System scheduled to become operational in 2015. The specific tasking for the detail was to bring the camp to initial operating capability (IOC) by 15 July, 2014 which included three berthing buildings, a head and shower facility, a pump house, and an administration building, along with plumbing and electrical facilities. The scope for the final operating capability (FOC) consisted of an additional three berthing buildings, two more shower and head facilities, and a multi-purpose/MWR building. The buildings were based off a new U.S. Army Corps of Engineers design which is intended to be the new joint service timber structure used in expeditionary environments.



Once clearing and grubbing of the site was complete, crushed stone from the demolished base runway was used as a foundation for the camp, providing a solid, level surface to construct the camp. In March, the detail experienced three weeks of heavy rainfall, forcing the thickness of the crushed stone to be increased which made the earthwork take longer than estimated. After completion of the earthwork, it was verified that at the current height, the crushed stone offered excellent drainage of rain water, keeping the site dry.



Due to shortages in material, the crew focused their initial efforts on prefabricating all building components, including piers, girders, joists, and roof trusses. As the crew began assembly, the crew overcame multiple design issues to produce a quality product. These design issues included difficulty to adjust the height of the piers to ensure a level finished floor as well as the floor system requiring a metal joist hanger that was not available in country and too expensive to ship to Romania. Detail Romania utilized ledger boards instead of the joist hangers, and implemented two different kinds of structural augments that made adjusting the pier height easier.

Once the first building was up the rest followed very quickly. Because of materials delays, the detail had to frequently perform construction activities out of sequence, and had to expend effort on constructing facilities marked for FOC, which was not a part the NMCB 74's tasking. This did, however, keep the overall required camp completion date of 15 September within reach for the follow-on Battalion. In order to take advantage of the momentum and expertise gained during the deployment, the Det was extended until 10 July to continue to push towards completion of IOC prior to turnover with NMCB 133. Upon turnover, the crew was able to complete the erection of all IOC buildings, and erection of four of the six FOC buildings, as well as installation of the septic tank, manholes, all associated piping, and electrical lines.

DETAIL ROMANIA LABOR DISTRIBUTION SUMMARY

	JAN	FEB	MAR	APR	MAY	JUN	JUL	Total	% Total
Direct Labor MDs	182	312	347	415	368	365	348	2337	70%
Indirect Labor MDs	62	124	124	124	124	124	62	744	22%
Readiness/Training	36	72	32	65	50	28	7	290	8%
Total MDs Exp	280	508	503	604	542	517	417	3371	
# of DL / IDL / OH	28	28	28	28	28	28	30	28	
# Direct Labor	23	23	23	23	23	23	25	23	
% Direct Labor	82	82	82	82	82	82	83	82%	
# of Workdays	11	22	22	22	22	22	11	132	
Ideal Capability	285	570	570	570	570	570	309	3444	
Availability Factor	77%	67%	66%	84%	73%	69%	114%	76%	

PROJECT TASKING SUMMARY

Project Number	Project Name	Total Project MDs	Total Project Material Cost (\$)	MDs Tasked	Tasked (%)	Final Work in Place (%)	Mandays Expended
RM13-850	Aegis Ashore	2,621	\$636,347.00	1762	67%	69%	1,616
RM14-001	P & E	218	N/A	218	100%	100%	218
RM14-002	Emb/MDA Spt	351	N/A	351	100%	100%	351
RM14-200	OIC-D	36	N/A	36	100%	100%	36
RM14-301	Com Engage	115	N/A	115	100%	100%	115
RM14-300	Dir Lbr Trng	290	N/A	290	100%	100%	290
Total		3,617	636,347.00	2,758	-	-	2,626



DETAIL ROMANIA EQUIPMENT AND 3M SUMMARY

EQUIPMENT POPULATION

	BEEP	JAN	FEB	MAR	APR	MAY	JUN	BEEP
Inactive Equipment Management	0	0	0	0	0	0	0	0
Active service	0	0	4	4	6	7	10	10
Active CESE On Deadline	0	0	0	0	0	0	0	0
Automotive Equipment	0	0	0	0	0	0	0	0
Construction Equipment	0	0	0	0	0	0	0	0
Material Handling Equipment	0	0	0	0	0	0	0	0
Total CESE Available	0	0	4	4	6	7	10	10
% CESE Availability	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0
CESE Processed through DRMO	0	0	0	0	0	0	0	0
Total CESE Managed	0	0	4	4	6	7	10	10

3M SUMMARY

Month	JAN	FEB	MAR	APR	MAY	JUN	Total
SKED	0	0	54	64	92	57	267
Checks	0	0	54	64	92	57	267
RAR	100%	100%	99%	100%	100%	100%	100%
Spot Checks	0	0	0	0	0	0	0
UNSAT Checks	0	0	0	0	0	0	0
Partial Checks	0	0	0	0	0	0	0
ACF	100%	100%	100%	100%	100%	100%	100%
PPR	100%	100%	100%	100%	100%	100%	100%



**AEGIS ASHORE SECURITY FORCE CAMP
RM13-850**

Project Scope: Construct Security Personnel Man Camp with six 20'x60' berthing, one 20'x40' male head, one 20'x40' male shower, one 20'x40' female combo head/shower, one 20'x40' pump house, one 20'x60' admin, and one 20'x60' general purpose/MWR facility. All Facilities shall be constructed of lumber to include electrical, plumbing, sanitary sewer and HVAC systems IAW USACE designs.

Personnel: 19 Personnel Assigned

Duration: 26FEB14 – 10JUL14

Man-days Expended: Previous Battalion: N/A
 NMCB 74: 1487 (IOC)
 312 (FOC)
 1799 (Total Project)

Tasking: WIP at turnover: 0%
 WIP at deployment completion: 84% of IOC
 69% of Total Project

MD Tasked to NMCB 74: 1762
 Total Project MD: 2621

Material Cost: \$636,347.00

Cost Savings: \$324,100.00

Significant Safety Issues: Installation of roofing systems required proper fall protection, and use of scaffolding

Significant QC Issues: None.

Significant Design Issues: None.

Significant Material Issues: Primary concern with materials was timeliness. Work on FOC buildings was required due to delay in receiving material for IOC buildings. As the material arrived, work was shifted back to IOC buildings.

DET NORTHCOM DEPLOYMENT SUMMARY

DET NORTHCOM was comprised of three sub-Details and one command element (CE). The CE was located in Gulfport, MS and assumed day-to-day responsibility for all projects in the NORTHCOM AO upon deployment of the rest of the Battalion. Det NORTHCOM continued construction operations in Gulfport, MS, and deployed three sub-details to Fort Campbell, KY; Panama City, FL; and Andros Island, Bahamas. Upon the start of deployment, Det NORTHCOM continued ongoing projects including 7th Street Sidewalk, MWR Bridges, the Tech Trainer Admin building, and Tech Trainer Block Building 9.1. DET NORTHCOM also supported numerous staff function from NMCB 74, including the Career Counselor, Command Fitness Leader, Command Master of Arms, DAPA, Dental, Family Readiness, Intelligence, MWR, Public Affairs, Religious Services, and Training.



In February 2014, DET Fort Campbell deployed 19 Seabees to construct an obstacle course for the US Army's Special Operations Aviation Training Battalion. The 7th Street Sidewalk project was completed, and P&E continued for DET PC and Andros Island.

In March 2014, DET PC deployed 17 Seabees to Panama City to construct a new sidewalk and renovate the MWR Head facility on Naval Support Activity Panama City. DET Andros deployed 21 Seabees at the end of March to construct a new sidewalk and complete a roof repair for the Atlantic Testing and Evaluation Center on Andros Island, Bahamas. DET Fort Campbell completed their tasking, and redeployed to Gulfport over the first two weeks of April. DET NORTHCOM completed PFA 2014 Cycle 1 in mid-April.

In May 2014, DET PC completed both the sidewalk and MWR Head Facility Renovation. DET Andros completed the sidewalk, roof repair, and two chicken coups as part of a joint Community Relations event with Harvard University. DET NORTHCOM started construction on the Road Repair, Laydown Area, and Seahuts at Woolmarket, MS. The Tech Trainer Admin building and Block Building 9.1 were completed and turned over to NCG 2 in Gulfport, MS. Both DET PC and DET Andros redeployed to DET NORTHCOM in Gulfport, MS.



In June 2014, DET NORTHCOM completed all tasking at Woolmarket, MS, and received all outlying NMCB 74 dets upon completion of their OCONUS missions.



DETAIL NORTHCOM LABOR DISTRIBUTION SUMMARY

	JAN	FEB	MAR	APR	MAY	JUN	Total	% Total
Direct Labor MDs	382	1299	1521	1488	1445	1044	7179	33%
Indirect Labor MDs	1237	2182	2500	2351	2178	2030	12478	56%
Readiness/Training	268	420	499	611	442	217	2457	11%
Total MDs Exp	1887	3901	4520	4450	4065	3291	22114	100%
# of DL / IDL / OH	217	211	200	191	184	176	197	
# Direct Labor	117	114	99	96	96	94	103	
% Direct Labor	54%	54%	50%	50%	52%	53%	52%	
# of Workdays	11	20	22	22	22	22	119	
Ideal Capability	1448	2565	2450	2376	2376	2327	13542	
Availability Factor	45%	67%	82%	88%	79%	54%	71%	

PROJECT TASKING SUMMARY

Project Number	Project Title	Total Project MDs	Total Project Material Cost (\$)	MDs Tasked	Tasked (%)	Final Work in Place (%)	Mandays Expended
GP10-854	7 th Street Sidewalks	250	\$113,163.00	250	100%	100%	677
GP10-853	MWR Bridges	429	\$282,519.55	429	100%	100%	632
GP10-823	Tech Trainer	682	\$689,758.49	105	100%	100%	273
GP14-845	Road/Site Work	13	\$8,000.00	13	100%	100%	15
GP14-847	Const/Paint SEAhuts	50	\$3,200.00	25	100%	100%	12
GP14-400	P & E	266	N/A	266	100%	100%	266
GP14-200	OIC-D	286	\$0.00	286	100%	96%	274
GP14-201	Comm Engagement	615	N/A	615	100%	73%	449
GP14-202	Working Party Spt	886	N/A	886	100%	100%	886
GP14-300	Direct Labor Training	1995	N/A	1995	100%	100%	1995
GP14-301	DLT (Formal School)	462	N/A	462	100%	100%	462
GP14-500	NCG2 N4 Support	1638	N/A	1638	100%	100%	1638
GP14-501	NCG2 Range Spt	396	N/A	396	100%	100%	396
GP14-501	ASF Support	241	N/A	241	100%	100%	241
KT13-800	Obstacle Course	306	\$135,000	306	100%	100%	293
KT14-200	OIC-D	60	N/A	60	100%	100%	60
KT14-201	Comm Engagement	12	N/A	12	100%	100%	12
PN12-801	Repair Restroom	308	\$55,225.36	308	100%	100%	388
PN12-802	Construct Sidewalks	282	49,256.43	282	100%	100%	280
PN12-201	Comm Engagement	30	N/A	30	100%	100%	30
AD12-850	Asphalt Shingle Roof	306	22,888.00	306	100%	100%	202
AD13-854	Replace Sidewalks	251	14,030.17	251	100%	100%	197
AD14-500	OIC-D	50	N/A	50	100%	100%	50
Total		9,814	\$1,373,041.00	9,814	-	-	9,636



**MWR BRIDGES – CBC GULFPORT
GP10-853**

Project Scope: Demolish and remove four existing timber bridges at NCBC Gulfport. Replace three steel bridges for site one, three and four with new pull down micro piles. Construct concrete embankments for prefabricated bridge to rest on. Cut and remove existing asphalt, concrete and gravel paths at bridge ends and replace with new material per the specifications. Remove existing PVC irrigation water lines and re-route structural members under new bridges for site three and four.

Personnel:	6	Personnel Assigned
Duration:	17JUN13 – 17JUL14	
Man-days Expended:	Previous Battalion:	N/A
	NMCB 74:	628
Tasking:	WIP at turnover:	N/A
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	429
	Total Project MD:	429
Material Cost:	\$276,396.97	
Cost Savings:	\$18,840.00	
Significant Safety Issues:	None.	
Significant QC Issues:	None.	
Significant Design Issues:	Utilities were not included in the Scope of Work.	
Significant Material Issues:	No utilities in the original Bill of Materials.	



**TECH TRAINER HEAD RENOVATION
GP10-823**

Project Scope: Complete rework of utilities including removal of existing wet wall in male lavatory, dig trench to access under slab plumbing and replace structural and architectural elements according to plans and specifications. Additionally, repair/straighten 25' power pole(s) damaged by high winds at the overhead power line trainer (Tech Trainer #10).

Personnel: 4 Personnel Assigned

Duration: 17JUN13 – 22MAY14

Man-days Expended: Previous Battalion: 577
NMCB 74: 279

Tasking: WIP at turnover: 85%
WIP at deployment completion: 100%
MD Tasked to NMCB 74: 105
Total Project MD: 682

Material Cost: \$689,762.94

Cost Savings: \$97,650.00

Significant Safety Issues: None.

Significant QC Issues: The work completed prior to turnover required significant rework prior to completion.

Significant Design Issues: None.

Significant Material Issues: None.



**WOOLMARKET ROAD REPAIR AND LAYDOWN YARD
GP14-845**

Project Scope: Construct a 500-foot gravel road, graded with new crushed stone added and crowned to facilitate water drainage. Construct a 22,695-square foot tent laydown area utilizing geotextile fabric and crushed stone at the Woolmarket Range Complex..

Personnel: 3 Personnel Assigned

Duration: 14MAY14 – 21MAY14

Mandays Expended: Previous Battalion: 0
 NMCB 74: 15

Tasking: WIP at turnover: 0%
 WIP at deployment completion: 100%
 MD Tasked to NMCB 74: 13
 Total Project MD: 13

Material Cost: \$8,000.00

Cost Avoidance \$5,250.00

Significant Safety Concerns: None.

Significant QC Issues: None.

Significant Design Issues: None.

Significant Material Issues: None.



**WOOLMARKET SEA-HUT REPAIR
GP14-847**

Project Scope: Repair and rehab two existing Sea-huts at the Wool market range. Project will consist of fabricating and installing 80 plywood shutters, 160 shutter hinges, 80 hook and eye sets, 8 door hinges and 4 door handles with spring closers. Repair and finish 180 LF of nylon window screening and install 200 LF of 4" furring/trim plywood strips. Prime and finish paint in both structures in a digital pattern.

Personnel:	4	Personnel Assigned
Duration:	02JUN14 – 27JUN14	
Mandays Expended:	Previous Battalion:	0
	NMCB 74:	12
Tasking:	WIP at turnover:	0%
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	25
	Total Project MD:	25
Material Cost:	\$3,200.00	
Cost Avoidance	\$8,750.00	
Significant Safety Concerns:	None.	
Significant QC Issues:	None.	
Significant Design Issues:	None.	
Significant Material Issues:	None.	

DETAIL ANDROS ISLAND DEPLOYMENT SUMMARY

NMCB 74 deployed 24 Seabees to Andros Island, Bahamas in April IOT repair one roof system and construct one sidewalk system in support of Atlantic Undersea Testing and Evaluation Center (AUTEC) on the Northeastern coast of Andros Island, Bahamas. Detail Andros established a base of operations at each project site and immediately began to commence work.

The Detail utilized metal formwork in order to reduce project waste and expertly coordinated concrete placement, removal of forms and placement of forms in the next section creating an efficient leapfrog placement plan that maximized production with limited formwork.



The Combined Bachelor Housing (CBH) roof project repaired a hipped roof with a gradual slope enabling the Seabees to utilize a network of scaffolding to repair the asphalt shingle roof as well as replacement of soffit, soffit vents and a new gutter system. The Seabees demolished old roof shingles and worked in unison to repair damaged sheathing and creating a clean surface for other crews to roll tar paper and fasteners and then lay new asphalt shingles.



The Detail placed a 65yd concrete pad for the AUTEC Range Support Site intended to extend the turn radius for heavy equipment used to move submarine targets, repaired the soffit of a CBH unit that had been damaged in a tropical storm and constructed physical fitness enhancements on the beach.

Detail Andros worked with Harvard University to conduct a community relations event in support of the Bahamian National Trust and Government of the Bahamas initiative to increase the standard of living for local Bahamians living on remote Islands. The Detail assisted with the design and construction of six mobile chicken coops on three different islands in collaboration with the local islanders,

leaving a positive impression of Seabee ingenuity and continued the long legacy of Seabees working to ensure a better future through cooperation in the neighboring West Indies.



DETAIL ANDROS LABOR DISTRIBUTION SUMMARY

	APR	MAY	Total	% Total
Direct Labor MDs	266	183	449	57%
Indirect Labor MDs	141	148	289	36%
Readiness/Training	19	38	57	7%
Total MDs Exp	426	369	795	100%
# of DL / IDL / OH				
# of DL / IDL / OH	19	19	19	
# Direct Labor	13	13	13	
% Direct Labor	68%	68%	68%	
# of Workdays	21	22	43	
Ideal Capability	307	322	629	
Availability Factor	93%	67%	80%	

PROJECT TASKING SUMMARY

Project Number	Project Title	Total Project MDs	Total Project Material Cost (\$)	MDs Tasked	Tasked (%)	Final Work in Place (%)	Mandays Expended
AD12-850	Asphalt Shingle Roof	306	22,888.00	306	100%	100%	202
AD13-854	Replace Sidewalks	251	14,030.17	251	100%	100%	197
AD14-500	OIC-D	50	N/A	50	100%	100%	50
Total		607	\$36,918.17	607	-	-	449



**CONCRETE FLATWORK PROJECT
AD13-854**

Project Scope: Excavate and form 900 lineal feet of Fiber Crete sidewalks with a dimension of 4' wide x 6" in depth, also including a 12 inch thickened edge that meets the specifications of 4000 psi.

Personnel: 8 Personnel Assigned
Duration: 02APR14 – 21MAY14
Man-days Expended: Previous Battalion: N/A
 NMCB 74: 197
Tasking: WIP at turnover: N/A
 WIP at deployment completion: 100%
 MD Tasked to NMCB 74: 251
 Total Project MD: 251

Material Cost: \$14,030.17

Cost Savings: \$68,950.00

Significant Safety Issues: Water and Electricity shall be properly tagged out/locked out during renovation.

Significant QC Issues: None.

Significant Design Issues: Design Changed after P&E was completed when the DET arrived on station.

Significant Material Issues: None.



**REPAIR ASPHALT SHINGLE ROOF
AD12-850**

Project Scope: Remove existing asphalt shingles, on roof of Combined Bachelor Housing (CBH) Building 11 and replace with new asphalt shingles, remove, replace 186 linear feet of soffit, fascia and demolished and install 532 linear feet of aluminum gutter system, reroute 20 vents to exit east side of building. Additionally, removal and replace 298 linear feet of soffit and fascia, and add ten 3inch diameter to 4inch diameter duct work reducers to existing duct work.

Personnel:	8	Personnel Assigned
Duration:	02APR14 – 09MAY14	
Mandays Expended:	Previous Battalion:	0
	NMCB 74:	202
Tasking:	WIP at turnover:	0%
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	306
	Total Project MD:	306
Material Cost:	\$22,888.00	
Cost Avoidance	\$70,700.00	

Significant Safety Concerns: None.

Significant QC Issues: None.

Significant Design Issues: None.

Significant Material Issues: None.

DETAIL FT CAMPBELL DEPLOYMENT SUMMARY

On 10 February, NMCB 74 deployed 19 Seabees to Fort Campbell, Kentucky IOT construct two obstacle courses in support of Special Operations Aviation Training Battalion (SOATB). Each obstacle course consisted of eight heavy timber obstacles, located on opposite sides of the compound. The Seabees had experience executing heavy timber construction in bridge building, timber towers, and bunkers, but building obstacles using the same material proved to be a challenge and demanded the highest level of work ethic and commitment to safety in order to complete quality construction on schedule.



The Detail conducted several training evolutions offered by the SOATB to include flight simulators, a shoot and move range using the M9 and AK547, and training how to exit and survive in the event of a water helicopter crash. Training consisted of being placed in a "SWET" (Shallow Water Egress Training) chair and then attempting to escape after being flipped upside down in water. Upon completion of the SWET Chair, the Detail trained in a simulated Chinook which required escaping an overturned helicopter in 4 foot waves and 70 knot winds.

The Detail executed Officer in Charge Discretionary projects worth \$16K including construction of 8 pull up bars, snow removal, map signs for running tracks, grading and repair of 700,000SF parking lot, and 1000LF fence repair.

Detail FT Campbell coordinated one community relations event in support of the Federal Parks Service. Eight Members adopted a park trail located on Land Between the Lakes, KY and conducted trail clean up.

DETAIL Ft CAMPBELL LABOR DISTRIBUTION SUMMARY

	FEB	MAR	Total	% Total
Direct Labor MDs	171	188	359	51%
Indirect Labor MDs	141	148	289	41%
Readiness/Training	19	38	57	8%
Total MDs Exp	331	374	705	100%
# of DL / IDL / OH	19	19	19	
# Direct Labor	13	13	13	
% Direct Labor	69%	69%	69%	
# of Workdays	21	22	43	
Ideal Capability	307	321	628	
Availability Factor	62%	70%	66%	

PROJECT TASKING SUMMARY

Project Number	Project Title	Total Project MDs	Total Project Material Cost (\$)	MDs Tasked	Tasked (%)	Final Work in Place (%)	Mandays Expended
KT13-800	Obstacle Course	306	\$135,000	306	100%	100%	293
KT14-200	OIC-D	60	N/A	60	100%	100%	60
KT14-201	Comm Engagement	12	N/A	12	100%	100%	12
Total		378	\$135,000	378	-	-	365



**CONSTRUCT COMBAT SKILLS OBSTACLE COURSE
KT13-800**

Project Scope: Construct 2 heavy timber obstacle courses consisting of 8 obstacles per course. In addition each obstacle will have a heavy timber border, backfilled with 6” of sand and 6” of mulch.

Personnel:	19	Personnel Assigned
Duration:	08FEB14 – 27MAR14	
Man-days Expended:	Previous Battalion:	N/A
	NMCB 74:	293
Tasking:	WIP at turnover:	N/A
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	306
	Total Project MD:	306
Material Cost:	\$135,000.00	
Cost Savings:	\$102,550.00	
Significant Safety Issues:	None.	
Significant QC Issues:	None.	
Significant Design Issues:	None.	
Significant Material Issues:	None.	

DETAIL PANAMA CITY DEPLOYMENT SUMMARY

Detail Panama City (Det PC) arrived at Naval Support Activity in Panama City, FL on 3 March 2014 with 17 Seabees. The Det organized into two project crews to execute a head renovation and sidewalk replacement.

Det PC demolished 350 square feet of pre-existing wall/floor tile, 70 feet of cast iron pipe, lighting and toilet fixtures, stud walls, and the ceiling in both the men and women's restrooms and installed new fixtures, gypsum walls and ceiling, partitions, electrical, plumbing, and split A/C units as well as 500 square feet of floor and wall tile in the washroom, bathroom, and shower area.



The sidewalk project demolished and replaced 1,600 linear feet of concrete and asphalt while adding non-slip tiles on the sloped sections. Det PC also installed 350 square feet of rubberized tiles around nearby tree roots in order to protect the sidewalk from future damage.

Despite the rough, wet, and windy weather conditions, Det PC worked hard to ensure timely completion of both projects, without compromising safety or quality of work. Both projects were completed on time and under budget.

Additionally, Det PC installed roof trusses and framed walls as part of community relations project for Habitat for Humanity. Each Det PC member contributed towards the project and worked hand in hand with civilian community members, enhancing local community friendship keeping in line with Seabee legacy and paving way for future Seabee projects at Panama City, FL.

DETAIL PANAMA CITY LABOR DISTRIBUTION SUMMARY

	MAR	APR	MAY	Total	% Total
Direct Labor MDs	236	299	171	706	60%
Indirect Labor MDs	123	123	86	332	28%
Readiness/Training	42	58	36	136	12%
Total MDs Exp	401	480	293	1174	100%
# of DL / IDL / OH	17	17	11	15	
# Direct Labor	12	12	7	10	
% Direct Labor	71%	63%	64%	67%	
# of Workdays	22	22	19	63	
Ideal Capability	297	297	150	694	
Availability Factor	93%	120%	138%	80%	



PROJECT TASKING SUMMARY

Project Number	Project Title	Total Project MDs	Total Project Material Cost (\$)	MDs Tasked	Tasked (%)	Final Work in Place (%)	Mandays Expended
PN12-801	Repair Restroom	308	\$55,225.36	308	100%	100%	388
PN12-802	Construct Sidewalks	282	49,256.43	282	100%	100%	280
PN12-201	Comm Engagement	30	N/A	30	100%	100%	30
Total		620	\$104,481.79	620	-	-	698

DETAIL PANAMA CITY EQUIPMENT AND 3M SUMMARY

EQUIPMENT POPULATION

	BEEP	JAN	FEB	MAR	APR	MAY	JUN	BEEP
In Inactive Equipment Management	0	0	0	0	0	0	0	0
In Active Service	0	0	4	4	4	4	0	0
Active CESE On Deadline	0	0	0	0	0	0	0	0
Automotive Equipment	0	0	2	2	2	2	0	0
Construction Equipment	0	0	2	2	2	2	0	0
Material Handling Equipment	0	0	0	0	0	0	0	0
Total CESE Available	0	0	4	4	4	4	0	0
% CESE Availability	0%	0%	100%	100%	100%	100%	0%	0%
CESE Processed through DRMO	0	0	0	0	0	0	0	0
Total CESE Managed	0	0	4	4	4	4	0	0

3M SUMMARY

Month	JAN	FEB	MAR	APR	MAY	JUN	Total
SKED	0	12	17	19	19	0	67
Checks	0	12	17	19	19	0	67
RAR	0%	100%	100%	100%	100%	0%	100%
Spot Checks	0	4	4	4	5	0	13
UNSAT Checks	0	0	0	0	0	0	0
Partial Checks	0	0	0	0	0	0	0
ACF	0%	100%	100%	100%	100%	0%	100%
PPR	0%	100%	100%	100%	100%	0%	100%



**RENOVATION OF MARINA RESTROOMS
PN12-801**

Project Scope: Demolish existing fixtures, tile, stud walls, and ceiling in men’s and women’s Marina restroom. Replace and install new fixtures, gypsum walls and ceiling, tiles, partitions, electrical, plumbing and split A/C unit.

Personnel:	7	Personnel Assigned
Duration:	04MAR14 – 10MAY14	
Man-days Expended:	Previous Battalion:	N/A
	NMCB 74:	388
Tasking:	WIP at turnover:	N/A
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	308
	Total Project MD:	308
Material Cost:	\$55,225.36	
Cost Savings:	\$135,800.00	

Significant Safety Issues: Water and Electricity shall be properly tagged out/locked out during renovation.

Significant QC Issues: None.

Significant Design Issues: None.

Significant Material Issues: None.



**REPLACE AND REROUTE BUSINESS DISTRICT SIDEWALK
PN12-802**

Project Scope: Demolish 324 square yards of asphalt and concrete sidewalks, replace with 1600 linear feet of 6 foot wide new concrete to include safety non slip on the sloped sections. There will also be 285 square feet of Terrawalk tile installed to protect tree root systems.

Personnel:	4	Personnel Assigned
Duration:	12MAR14 – 30MAY14	
Man-days Expended:	Previous Battalion:	N/A
	NMCB 74:	280
Tasking:	WIP at turnover:	100%
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	282
	Total Project MD:	282
Material Cost:	\$49,256.43	
Cost Savings:	\$98,700.00	

Significant Safety Issues: All personnel required to wear reflective orange vest while working as jobsite is very close to a busy street.

Significant QC Issues: None.

Significant Design Issues: None.

Significant Material Issues: None.

DETAIL HORN OF AFRICA DEPLOYMENT SUMMARY

Detail Combined Joint Task Force—Horn of Africa had one turnover project, the completion of the MLO PEB in the engineer lay down yard. The project was started in 2012 but completion was delayed due to improper anchor bolt placement and late material delivery. NMCB 74 was able to finish the project in early May after placing concrete for the entry/exit ramps, completing erection of the PEB, interior electrical, and connection of power to the completed building.



Chabelley Airfield support was horizontal construction support to include road maintenance and site clearance. Specific tasking evolved to include grading for an aircraft turnaround area, installation of a culvert, construction of a seven kilometer gravel perimeter road, and grading seven kilometers of road to control damage by heavy trucks. Borrow pit operations produced the base course for the perimeter road and Chabelley Life Support Area (LSA). Two concrete pads were placed for communications equipment.

Earthwork, site layout, and preparation work for a LSA began late March. This project was separated from Chabelley Airfield support for project management purposes. The size of the LSA increased by 223% from 76,320 SF to 170,169 SF for future expansion options. The project included constructing 16 tent decks, erection of 2,000 linear feet of HESCO barriers and the refurbishment and installation of three shower/head units.

Five Seabees were tasked with supporting the Camp Lemonnier Public Works Department, completing camp work orders ranging from cabinet building for the base chapel, shoring for embark operations, fabricating brackets for Air Force antennae, constructing an X-ray table and building satellite decks. PW support personnel supported Officer in Charge Discretionary projects, concrete placements, and support for the Chabelley LSA.

Det HOA supported a satellite Detail to build a Maternity Clinic compound in Kalaf, Djibouti, consisting of a maternity ward, nursery, living area, cooking area, latrine, two water cisterns and an incinerator. Concrete was placed for all structures except one water cistern and the perimeter fence. Structural insulated panels (SIPs) were erected for all structures and their internal electrical systems were installed. The majority of the plumbing was completed, and the framework for the solar panels were welded. The Kalaf project stayed ahead of schedule and was turned over to NMCB 133 for completion.



Detail HOA's Officer in Charge Discretionary projects supported requests from other units and enhanced the Seabee name. Crews completed 4,000 linear feet of erosion control on the main taxiway for Camp Lemonnier by filling and compacting trenches caused by water runoff. The Detail replaced the deteriorating roof over the Equipment Maintenance Bay by demolishing and replacing the existing roof and electrical lighting system.

In addition to the myriad of construction operations, the Det maintained a vehicle fleet consisting of 115 pieces of CESE. The Det conducted maintenance checks and repairs, raising the availability from 76% at the start of deployment to 96% by the end, dramatically improving the Supported Commander's capability to conduct horizontal construction.

DETAIL COMBINED JOINT TASK FORCE – HORN OF AFRICA LABOR DISTRIBUTION SUMMARY

	JAN	FEB	MAR	APR	MAY	JUN	Total	% Total
Direct Labor MDs	103	464	566	627	723	620	3103	39%
Indirect Labor MDs	408	743	817	817	817	817	4419	55%
Readiness/Training	94	80	112	85	99	40	510	6%
Total MDs Exp	605	1287	1495	1529	1639	1477	8032	100%
# of DL / IDL / OH	65	65	65	65	65	64	65	
# Direct Labor	32	32	32	32	32	31	32	
% Direct Labor	49%	49%	49%	49%	49%	49%	49%	
# of Workdays	11	20	22	22	22	22	119	
Ideal Capability	396	720	792	792	792	792	4259	
Availability Factor	50%	76%	86%	90%	103%	86%	85%	

PROJECT TASKING SUMMARY

Project Number	Project Name	Total Project MDs	Total Project Material Cost (\$)	MDs Tasked	Tasked (%)	Final Work in Place (%)	Mandays Expended
CJ14-001	Kalaf Clinic, DJ	1,811	\$613,901.00	938	58%	55%	770
CJ14-002	MLO PEB	864	\$188,050.00	393	45%	100%	423
CJ14-003	PW & Self Help	595	\$0.00	595	100%	100%	595
CJ14-004	Chabelley Airfield	450	\$0.00	450	100%	100%	450
CJ14-005	EARF Cmd Post	55	\$0.00	55	100%	71%	39
CJ14-006	Chabelley LSA	563	\$0.00	563	100%	100%	597
DJ14-200	OIC-D	102	\$0.00	102	100%	100%	102
DJ14-201	Comm Engage	198	\$0.00	198	100%	64%	127
DJ14-300	Dir Labor Trng	510	\$0.00	510	100%	100%	510
Total		5,148	\$801,951.00	4,275	-	-	3,613



DETAIL COMBINED JOINT TASK FORCE-HORN OF AFRICA EQUIPMENT AND 3M SUMMARY

EQUIPMENT POPULATION

	BEEP	JAN	FEB	MAR	APR	MAY	JUN	BEEP
Inactive Equipment Management	39	0	0	0	0	0	0	0
Active service	76	115	108	108	108	103	98	98
Active CESE On Deadline	27	27	20	16	16	9	12	12
Automotive Equipment	15	15	9	8	8	3	6	6
Construction Equipment	0	0	9	8	8	5	4	4
Material Handling Equipment	2	2	2	0	0	1	2	2
Total CESE Available	49	88	88	92	92	94	86	86
% CESE Availability (OLD CALC)	64.3%	75%	80%					
% CESE Availability (NEW CALC)	66.5%	76.5%	81.5%	85.2%	85.2%	91.3%	88.0%	88.0
CESE Processed through DRMO	0	0	0	7	0	3	0	0
Total CESE Managed	115	115	108	108	108	103	98	98

3M SUMMARY

Month	JAN	FEB	MAR	APR	MAY	JUN	Total
SKED	13	435	535	523	495	127	2128
Checks	13	435	531	523	495	127	2124
RAR	100%	100%	99%	100%	100%	100%	100%
Spot Checks	0	10	14	8	8	8	48
UNSAT Checks	0	0	1	0	0	0	1
Partial Checks	0	0	0	0	0	0	0
ACF	100%	100%	93%	100%	100%	100%	99%
PPR	100%	100%	93%	100%	100%	100%	99%

Note: Based on all 3M Work Centers



**MLO STORAGE, CAMP LEMONNIER, DJIBOUTI
DJ12-817A**

Project Scope: Construction of a 40' x 100' P.E.B. for MLO storage facility. P.E.B. will include roll-up doors and personnel doors at the north and south ends of the building.

Personnel:	8	Personnel Assigned
Duration:	19JAN14 – 02JUN14	
Mandays Expended:	Previous Battalion:	471
	NMCB 74:	423
Tasking:	WIP at turnover:	55%
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	393
	Total Project MD:	864
Material Cost:	\$181,755.98	
Cost Avoidance	\$148,050.00	

Significant Safety Concerns: A custom double life line fall protection system was utilized for work on the roof. Heat became a serious issue by March. Fluid intake and work rest cycles were enforced. Breaks were taken in shade and air conditioning as it became available. Work took place inside the building as much as possible to provide relief from the elements.

Significant QC Issues: Concrete quality was questionable and has proven difficult to finish. Multiple trucks were turned away for failing the slump test.

Significant Design Issues: The location of the building had changed from the original plans and the long term development plans had been adjusted several times, creating an issue with connecting power to the building.

Significant Material Issues: Material procurement was a challenge for the first half of deployment. Reliability of obtaining materials from local venues and through customs varied drastically. The amount of time to get materials through Customs varied with up to six weeks in some cases.



**CHABELLEY AIRFIELD SUPPORT - DJIBOUTI
CJ14-004**

Project Scope: Crew will conduct horizontal and vertical construction in support of airfield and camp improvements. Crew will continue making road improvements as dictated by customer.

Personnel:	5-9 Personnel Assigned
Duration:	19JAN14 – 15JUN14
Mandays Expended:	Previous Battalion: N/A
	NMCB 74: 429
Tasking:	WIP at turnover: 00%
	WIP at deployment completion: 100%
	MD Tasked to NMCB 74: 450
	Total Project MD: 450
Material Cost:	N/A
Cost Avoidance:	\$150,150.00

Significant Safety Concerns: Nearly continuous heavy equipment usage. Most equipment operated away from other personnel. Heat became a serious issue by March. Fluid intake and work rest cycles were enforced. Breaks were taken in shade. Air conditioning was not available on site. The only relief from the sun was inside a unit of CESE or utilizing the galley tent.

Significant QC Issues: None.

Significant Design Issues: Tasking was fluid and solid plans/prints were absent. Requirements and parameters were given projects were executed.

Significant Material Issues: Materials were used out of excess when available. A borrow pit supplied base course when needed. Other material was purchased by the Air Force as needed. Reliability and timeliness of obtaining materials from local venues and through customs varied drastically.



**CHABELLEY AIRFIELD LIFE SUPPORT AREA- DJIBOUTI
CJ14-006**

Project Scope: Construction of the 250 person Life Sustainment Area (LSA) consisting of the following tasks: cut, grade and compact an area of 5 acres to make room to build (16) 20' x 35' tent decks, rehabilitate and install (3) shower trailers with septic system and leach field , and erect and fill over 1000 LF of double layer HESCOs.

Personnel:	5-9	Personnel Assigned
Duration:	29MAR14 – 25JUN14	
Mandays Expended:	Previous Battalion:	N/A
	NMCB 74:	597
Tasking:	WIP at turnover:	00%
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	563
	Total Project MD:	563
Material Cost:	N/A	
Cost Avoidance:	\$208,950.00	

Significant Safety Concerns: Nearly continuous heavy equipment usage. Heat was serious issue upon starting work. Fluid intake and work rest cycles were enforced. Breaks were taken in shade. Air conditioning was not available on site. The only relief from the sun was inside a unit of CESE or utilizing the galley tent. Water had to be brought in coolers.

Significant QC Issues: A vague project scope led to some confusion for some specific requirements as they were made apparent as construction progressed.

Significant Design Issues: Tasking was given without solid plans/prints. Requirements and parameters were given the project was executed, sometimes after construction had begun.

Significant Material Issues: Materials were used out of excess when available. A borrow pit supplied base course. Other material was purchased by the Air Force as needed. Reliability and timeliness of obtaining materials from local venues and through customs varied drastically.



PUBLIC WORKS SUPPORT, CAMP LEMONNIER- DJIBOUTI

Project Scope: Public Works support, camp improvements, and completing quality of life projects for CJTF HOA PW.

Personnel: 5 Personnel Assigned
Duration: 19JAN14 – 20JUN14
Mandays Expended: Previous Battalion: N/A
 NMCB 74: 445
Tasking: WIP at turnover: 0%
 WIP at deployment completion: 100%
 MD Tasked to NMCB 74: 636
 Total Project MD: 636

Material Cost: N/A
Cost Avoidance: \$155,750.00

Significant Safety Concerns: Heat became a serious issue by March. Fluid intake and work rest cycles were enforced. Only some work was conducted without cover. Breaks were taken in air conditioning.

Significant QC Issues: None.

Significant Design Issues: Tasking was fluid and solid plans/prints were absent. Requirements and parameters were given projects were executed.

Significant Material Issues: None. Camp Lemonnier supplied materials.



**KALAF CLINIC- DJIBOUTI
CJ14-001**

Project Scope: Crew will construct clinic consisting of site preparation, block/fence perimeter wall, SIP Cooking Area, Latrine, Living Quarters, Maternity, and Nursery. Crew will also install solar panel system, concrete incinerator, gravity-fed cisterns and leach field.

Personnel: 10 Personnel Assigned
Duration: 04FEB14 – 23JUN14
Mandays Expended: Previous Battalion: 0
 NMCB 74: 770
Tasking: WIP at turnover: 00%
 WIP at deployment completion: 55%
 MD Tasked to NMCB 74: 938
 Total Project MD: 1811
Material Cost: N/A
Cost Avoidance: \$269,500

Significant Safety Concerns: Heat became a serious issue by March. Fluid intake and work rest cycles were enforced. Breaks were taken in the shade. Air conditioning was functional only for a short time on site.

Significant QC Issues: Concrete was mixed on site due to travel time required. Concrete quality was questionable and has proven difficult to finish. All concrete has passed the break tests and appearance is acceptable.

Significant Design Issues: The necessity for two sets of water cistern footers and columns was questioned because both cisterns could be supported with one set of columns and footers. The decision was made to keep the design and build two, but future designs may be reduced construction time and money.

Significant Material Issues: Most materials were stored in the MLO yard upon arrival in country. They were convoyed to the site fortnightly, or as needed. Reliability of obtaining additional materials from local venues and through customs varied drastically.



**OFFICER IN CHARGE DISCRETIONARY PROJECTS- DJIBOUTI
CJ14 - 200**

Project Scope: Airfield erosion control, grading and compaction of taxiway on main runway of Camp Lemonnier to eliminate the erosion from reaching the taxiway causing the taxiway to be shut down and emergency actions being needed. Battalion Maintenance Bay roof replacement. Demolition of existing roof and electrical lighting system. Fabrication and installation of new roof and lighting system.

Personnel: 3-10 Personnel Assigned
Duration: 09JUN14 – 23JUN14
Mandays Expended: Previous Battalion: N/A
 NMCB 74: 102
Tasking: WIP at turnover: 0%
 WIP at deployment completion: 100%
 MD Tasked to NMCB 74: 102
 Total Project MD: 102

Material Cost: N/A
Cost Avoidance: \$35,700.00

Significant Safety Concerns: Heat became a serious issue by March. Fluid intake and work rest cycles were enforced.

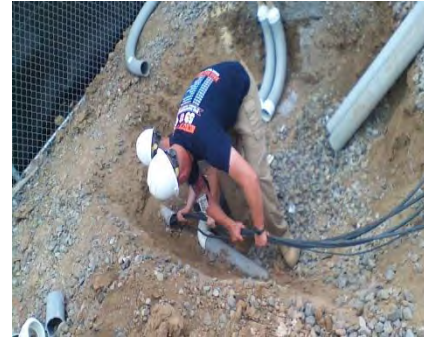
Significant QC Issues: Grading the airfield shoulder was a temporary fix. The customer required a cosmetic fix rather than getting full compaction for the area to be graded.

Significant Design Issues: Tasking was fluid and solid plans/prints were absent. Requirements and parameters were given projects were executed. The mechanic shop roof replacement was designed and built by NMCB 74.

Significant Material Issues: Materials were used out of excess when needed.

DETAILS SOCAF CLDJ DEPLOYMENT SUMMARY

DET SOCAF CLDJ was comprised of two sub-Details and the command element (CE) located in CLDJ. Their first and main tasking was to complete project Sierra Hotel; a new SCIF that would replace the existing SCIF being utilized by SOCFWD-EA. The DET performed extensive rework on interior electrical and main service electrical while completing outstanding work.



During February 2014, the DET installed the main electrical run from the existing generator pad to the main panel inside Sierra Hotel. Once complete they troubleshooted and corrected any lighting and/or outlet discrepancies. Some of the discrepancies included naturals, switch legs, and dual hot leads. The VTC and self-leveling compound was the next challenge to tackle. New material was ordered to correct a deficient initial application that was placed prior to turnover.

In March 2014, DET SOCAF CLDJ completed all finish work and the pulling of the main electrical cable to the camp sub-station. Finish work included repainting of all interior walls, waxing the newly placed tile floor, and installation of A/C units. At the end of the month they completed Sierra Hotel and had the BOD letter signed by the SOCFWD-EA J4 Engineer and Camp Commandant. During this month the DET also placed concrete for 2 pads for the camp's armory.

The next order of tasking for the DET was to tackle a Dry-CLU Expansion to include 500 LF of formwork, 3,500 LF RST, and 24 cubic meters of concrete. In late April 2014, the DET placed 24 cubic meters of concrete for 6 pads. After the verification of the 7 day slump test; the DET removed the formwork and began prepping for the sidewalk placement. During the cure time, the DET executed and completed a 10ft x 16ft Gazebo for utilization on the camp's new triple stack CLU project.



In addition to CLDJ tasking, the DET executed runway repairs and road improvements in Sudan and Central Africa Republic, performed PDSS assessments on electrical systems in Entebbe, conducted electrical repairs in Dungu, Democratic Republic of Congo and Entebbe, Uganda and performed SOCFWD-EA support in Manda Bay, Kenya. The DET reviewed and verified SOW's and BOM's submitted by the sub-Details, ensured alignment of tasking, and drove project development and execution throughout 10 countries within Africa. They performed weekly briefings to ensure joint command alignment of tasking and ensured safer operating environments and a more capable Special Operation Force throughout the continent of Africa.



DETAIL SOCAF CLDJ LABOR DISTRIBUTION SUMMARY

	Jan	Feb	Mar	Apr	May	Jun	Total	% Total
Direct Labor MDs	30	152	40	100	113	100	535	42%
Indirect Labor MDs	62	113	124	124	124	124	671	52%
Readiness/Training	9	13	13	17	13	10	75	6%
Total MDs Exp	101	278	177	241	250	234	1281	100%
# of DL / IDL / OH	10	10	10	10	10	10	10	
# Direct Labor	5	5	5	5	5	5	5	
% Direct Labor	50%	50%	50%	50%	50%	50%	50%	
# of Workdays	11	20	22	22	22	22	119	
Ideal Capability	62	113	124	124	124	124	671	
Availability Factor	63%	146%	43%	94%	101%	89%	91%	

Detail SOCAF Project Tasking Summary

Project Number	Project Name	Total Project MDs	Total Project Material Cost (\$)	MDs Tasked	Tasked (%)	Final Work in Place (%)	Mandays Expended
DJ-13-01	Sierra Hotel	132	\$672,891.86	132	100%	100%	127
SF14-001	Site Assess Djibouti	375	\$0.00	375	100%	37%	138
SF14-002	CLU Expansion	70	\$10,000	70	100%	100%	52
SF14-200	OIC-D	99	\$0.00	99	100%	100%	188
SF14-201	Comm Engagement	33	N/A	33	100%	91%	30
SF14-300	Direct Labor Training	73	N/A	73	100%	100%	73
CM13-804	OMU Facility	1257	\$324,242.00	954	76%	100%	932
CA14-001	Fac Improve. Maroua	140	\$0.00	140	100%	100%	140
CA14-002	Site Assess Cam.	125	\$0.00	125	100%	68%	85
CA14-200	OIC-D	54	\$0.00	54	100%	100%	54
CA14-201	Comm Engagement	88	N/A	88	100%	14%	12
CA14-300	Direct Labor Training	221	N/A	221	100%	100%	221
NI14-001	LAMs Hanger	26	\$25,000	26	100%	100%	26
NI14-004	Camp Constr, Dirkou	127	\$0.00	127	100%	100%	127
NI14-005	ERF Warehouse	156	\$0.00	156	100%	6%	10
NI14-006	Site Assess, Niger	125	\$0.00	125	100%	74%	93
NI14-200	OIC-D	68	\$0.00	68	100%	100%	68
NI14-201	Comm Engagement	88	N/A	88	100%	47%	41
NI14-300	Direct Labor Training	319	N/A	319	100%	100%	319
NI14-500	ERF Camp Maint	931	\$0.00	931	100%	100%	931
Total		4,507	\$1,032,133.86	4,204	-	-	3,669



**SIERRA HOTEL, CAMP LEMONNIER, DJIBOUTI
DJ-13-01**

Project Scope: Construct a 24' x 98' concrete pad and a 24' x 98' CMU building consisting of a metal roofing system and a full interior build-out, to include interior walls, doors, electrical wiring, A/C units, and floor tile.

Personnel:	5	Personnel Assigned
Duration:	22JAN12 - 30MAR14	
Man-days Expended:	Previous Battalion:	1105
	NMCB 74:	125
Tasking:	WIP at turnover:	88%
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	132
	Total Project MD:	1105
Material Cost:	\$672,891.86	
Cost Savings:	\$43,750.00	

Significant Safety Issues: None

Significant QC Issues: None.

Significant Design Issues: None.

Significant Material Issues: Number one concern with materials is timeliness. Late solicitation of project material resulted in significant delays in construction. Work was completed out of sequence which created inefficiencies.



**ARMORY PADS
SF14-OICD02**

Project Scope: Construct (2) 5'x12'x2' Concrete Pads for the placement of 20' Armory container.

Personnel: 5 Personnel Assigned

Duration: 04FEB14 - 15MAR14

Man-days Expended: Previous Battalion: 0
NMCB 74: 30

Tasking: WIP at turnover: 0%
WIP at deployment completion: 100%
MD Tasked to NMCB 74: 50
Total Project MD: 50

Material Cost: \$10,000.00

Cost Savings: \$10,500.00

Significant Safety Issues: None

Significant QC Issues: None.

Significant Design Issues: None.

Significant Material Issues: None



**CLU BERTHING EXPANSION
SF14-002**

Project Scope: Construct (6) 36'x 2' x 2' concrete forms and RST cages and place 37 cubic meters of 4000 psi concrete to accommodate (12) 20' x 8' Central living units for SOCFWD-EA berthing expansion.

Personnel:	5	Personnel Assigned
Duration:	01APR14 - 07MAY14	
Man-days Expended:	Previous Battalion:	0
	NMCB 74:	52
Tasking:	WIP at turnover:	0%
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	70
	Total Project MD:	70
Material Cost:	\$10,000.00	
Cost Savings:	\$18,200.00	
Significant Safety Issues:	None	
Significant QC Issues:	None.	
Significant Design Issues:	None.	
Significant Material Issues:	None	



**GAZEBO
SF14-OICD-03**

Project Scope: Construct a 10'x16' Gazebo and place near vicinity of new triple stack CLU's.

Personnel: 5 Personnel Assigned

Duration: 01MAY14 - 22MAY14

Man-days Expended: Previous Battalion: 0
NMCB 74: 22

Tasking: WIP at turnover: 0%
WIP at deployment completion: 100%
MD Tasked to NMCB 74: 25
Total Project MD: 25

Material Cost: \$0,000.00

Cost Savings: \$7,000.00

Significant Safety Issues: None

Significant QC Issues: None.

Significant Design Issues: None.

Significant Material Issues: None



**KOSOVO CLU
SF14-OICD-05**

Project Scope: Rehab interior of 20'x 8' Kosovo CLU to incorporate an office space for downrange missions.

Personnel: 5 Personnel Assigned

Duration: 29MAY14 - 12JUN14

Man-days Expended: Previous Battalion: 0
NMCB 74: 44

Tasking: WIP at turnover: 0%
WIP at deployment completion: 100%
MD Tasked to NMCB 74: 50
Total Project MD: 50

Material Cost: \$2,000.00

Cost Savings: \$14,000.00

Significant Safety Issues: None

Significant QC Issues: None.

Significant Design Issues: None.

Significant Material Issues: None



**JOC BUILD OUT
SF14-OICD-06**

Project Scope: Rehab interior of JOC with 13 desk and U-shape desk

Personnel: 1 Personnel Assigned

Duration: 0 2JUN14 -
11JUN14

Man-days Expended: Previous Battalion: 0
NMCB 74: 8

Tasking: WIP at turnover: 0%
WIP at deployment completion: 100%
MD Tasked to NMCB 74: 24
Total Project MD: 24

Material Cost: \$2,000.00

Cost Savings: \$14,000.00

Significant Safety Issues: None

Significant QC Issues: None.

Significant Design Issues: None.

Significant Material Issues: None

DETAIL CAMEROON DEPLOYMENT SUMMARY

Detail Cameroon continued construction of an Operations Multi-Use (OMU) facility with 28% of the construction completed. Work on the OMU facility continued at a fast pace with the placement of the floor slab and bond beams. By the end of February, Det Cameroon was approximately 51% complete and finished the month by installing the wood trusses onto the newly placed bond beam. March and April marked the beginning of the rainy season and a race to install the roof before the most severe months of weather. Additional scope was added to the project to reflect changes to the original scope of work for the interior/exterior doors and concrete drainage ditch. Throughout execution, progress was stalled due to the need to award a new contract for the remainder of the building materials.



The new contract was due to the vendor failing to perform on the original contract awarded in 2013. That contract was descope to remove any outstanding items and a new contract was awarded by the 414th CSB at the end of March. The second contract proved to be equally challenging with respect to the timely delivery of quality materials. After passing the two week deadline for delivering project materials, the vendor’s contract was terminated and a renewed emphasis was placed in implementing the Field Ordering Officer and Pay Agent (FOO/PA) for the remaining building materials. Once the FOO/PA teams were approved and authorized to start making local purchases, the Detail had a clear

advantage in procuring materials by increasing competition among vendors and enabling local purchases. With the FOO/PA, the Detail was able to procure the remaining materials and finish the project on in early June, with an estimated cost savings of 25% when compared to the original contract line item costs.

During construction of the OMU, the Det also upgraded the water supply to the SOF compound head facility to include installing a 5000 L water tank, water pump, and all required plumbing work to supply the facility. This tank provided a more dependable water source despite numerous issues with the water well.

DETAIL CAMEROON LABOR DISTRIBUTION SUMMARY

	Jan	Feb	Mar	Apr	May	Jun	Total	% Total
Direct Labor MDs	78	238	264	283	248	112	1223	51%
Indirect Labor MDs	87	158	173	173	173	173	937	39%
Readiness/Training	28	39	39	54	22	39	221	10%
Total MDs Exp	193	435	476	510	443	324	2381	100%
# of DL / IDL / OH	22	22	22	22	22	22	22	
# Direct Labor	15	15	15	15	15	15	15	
% Direct Labor	68%	68%	68%	68%	68%	68%	68%	
# of Workdays	11	20	22	22	22	22	119	
Ideal Capability	186	337	371	371	371	371	2007	
Availability Factor	57%	82%	82%	91%	73%	41%	72%	



PROJECT TASKING SUMMARY

Project Number	Project Name	Total Project MDs	Total Project Material Cost (\$)	MDs Tasked	Tasked (%)	Final Work in Place (%)	Mandays Expended
CM13-804	OMU Facility	1257	\$324,242.00	954	76%	100%	932
CA14-001	Fac Improve. Maroua	140	\$0.00	140	100%	100%	140
CA14-002	Site Assess Cam.	125	\$0.00	125	100%	68%	85
CA14-200	OIC-D	54	\$0.00	54	100%	100%	54
CA14-201	Comm Engagement	88	N/A	88	100%	14%	12
CA14-300	Direct Labor Training	221	N/A	221	100%	100%	221
Total		1,885	\$324,242.00	1,582	-	-	1,444

DETAIL CAMEROON EQUIPMENT AND 3MSUMMARY:

EQUIPMENT POPULATION

	BEEP	JAN	FEB	MAR	APR	MAY	JUN	BEEP
Inactive Equipment Management	0	0	0	0	0	0	0	0
Active service	3	3	3	3	3	4	4	4
Active CESE On Deadline	0	0	0	0	1	0	0	0
Automotive Equipment	0	0	0	0	0	0	0	0
Construction Equipment	0	0	0	0	0	0	0	0
Material Handling Equipment	0	0	0	0	0	0	0	0
Total CESE Available	3	3	3	3	2	4	4	4
% CESE Availability	100.0%	100.0%	100.0%	100.0%	66.7%	100.0%	100.0%	100.0%
CESE Processed through DRMO	0	0	0	0	0	0	0	0
Total CESE Managed	3	3	3	3	3	4	4	4

3M SUMMARY

Month	JAN	FEB	MAR	APR	MAY	JUN	Total
SKED	0	0	52	46	52	21	171
Checks	0	0	51	46	52	21	170
RAR	100%	100%	98%	100%	100%	100%	99%
Spot Checks	0	0	0	0	1	0	0
UNSAT Checks	0	0	0	0	0	0	0
Partial Checks	0	0	0	0	0	0	0
ACF	100%	100%	100%	100%	100%	100%	100%
PPR	100%	100%	100%	100%	100%	100%	100%



**OPERATIONS CENTER CAMEROON, MAN O' WAR BAY
CM13-804**

Project Scope: Construct a 25M x 11M operations building consisting of a concrete pad, concrete columns, CMU block walls, wooden roof trusses and metal roof sheeting. Project also includes CAT 5 installation, electrical outlets, lighting, A/C units, grading location for water run-off, gravel parking area and concrete U-channel.

Personnel: 19 Personnel Assigned
Duration: 09OCT13 – 11JUN14
Mandays Expended: Previous Battalion: 303
 NMCB 74: 922
Tasking: WIP at turnover: 28%
 WIP at deployment completion: 100%
 MD Tasked to NMCB 74: 954
 Total Project MD: 1257

Material Cost: \$324,242.60
Cost Savings: \$347,200.00

Significant Safety Issues: None.

Significant QC Issues: The quality of sand was substandard during stucco application and resulted in increased waste. Local CMU block was of poor quality which resulted in increased waste and more rework due to breakage.

Significant Design Issues: Trusses were too far apart and purlins did not correspond to proper sheet metal lengths in the specs. Small RST tolerances for columns, grade beam, and bond beam were not suitable for construction.

Significant Material Issues: Working with vendors proved to be difficult and requires long lead time. Planning was essential to overcome these shortfalls and identify requirements beforehand. Cash from FOO/PA was a necessity in procuring additional project materials and related expenses because none of the local vendors accept any form of check or credit card.

DETAIL NIGER DEPLOYMENT SUMMARY

Detail Niger consisted of 16 personnel deployed to Niamey, Niger with the primary mission of executing projects in Niamey, Niger and other locations across Western Africa in support of Joint Special Operation Air Detachments (JSOAD) and Special Operation Detachment-Alphas (ODA). Arrival of the Det on station was staggered over the course of a couple weeks due to flight issues, but by early February all personnel had arrived. The initial project in Niamey to install a clamshell door in support of JSOAD-Niger Flight Operations was completed well ahead of schedule and focus shifted to other projects.



During February, Detail Niger executed base camp improvement projects in support for the Air Force 409th Air Expeditionary Group – Africa (AFAF) and Operation Flintlock 2014 to include a 150’ trench in support of the utilities connection for the new latrines and water supply spigots; construction of 2500 sqft of walls, decks and flooring in support of Operation Flintlock 2014.

Throughout March and April, Detail Niger continued to execute camp improvement projects and exercise support completing decking to raise walkways off the ground, observation tower, smoke area, Operation Flintlock 2014 camp breakdown, construction of the Driver House/ Barber shop, Security Force Sentry posts and emergency repair to the airfield ramp. The Detail conducted a variety of mission requirements for adjacent units and deployed one person to Mauritania in support of an electrical assessment.



In May 2014, seven personnel deployed to Dirkou, Niger to set up an expeditionary light camp in support of the Force protection exercise between the Nigerien military and US Army. Four personnel deployed to Arlit, Niger to execute infrastructure improvements and repairs. The Detail commenced upgrades to an Exercise Reception Facility (ERF) warehouse, cleaning and painting the interior of a 10,000 sqft warehouse, constructing two office spaces totaling 1,800 sqft in space capacity with sound proof gypsum board to provide a secure working environment and installing electricity to the office spaces.

DETAIL NIGER LABOR DISTRIBUTION SUMMARY

	Jan	Feb	Mar	Apr	May	Jun	Total	% Total
Direct Labor MDs	31	273	220	260	292	220	1296	60%
Indirect Labor MDs	50	90	99	99	99	99	536	25%
Readiness/Training	26	37	60	75	59	62	319	15%
Total MDs Exp	107	400	379	434	450	381	2151	100%
# of DL / IDL / OH	18	18	18	18	18	18	18	
# Direct Labor	14	14	14	14	14	14	14	
% Direct Labor	77%	77%	77%	77%	77%	77%	77%	
# of Workdays	11	20	22	22	22	22	119	
Ideal Capability	173	315	346	346	346	346	1872	
Availability Factor	37%	98%	81%	97%	101%	82%	86%	

PROJECT TASKING SUMMARY

Project Number	Project Name	Total Project MDs	Total Project Material Cost (\$)	MDs Tasked	Tasked (%)	Final Work in Place (%)	Mandays Expended
NI14-001	LAMs Hanger	26	\$25,000	26	100%	100%	26
NI14-004	Camp Constr, Dirkou	127	\$0.00	127	100%	100%	127
NI14-005	ERF Warehouse	156	\$0.00	156	100%	6%	10
NI14-006	Site Assess, Niger	125	\$0.00	125	100%	74%	93
NI14-200	OIC-D	68	\$0.00	68	100%	100%	68
NI14-201	Comm Engagement	88	N/A	88	100%	47%	41
NI14-300	Direct Labor Training	319	N/A	319	100%	100%	319
NI14-500	ERF Camp Maint	931	\$0.00	931	100%	100%	931
Total		1,840	\$25,000.00	1,840	-	-	1,615

DETAIL NIGER EQUIPMENT AND 3M SUMMARY

	BEEP	JAN	FEB	MAR	APR	MAY	JUN	BEEP
Inactive Equipment Management	0	0	0	0	0	0	0	0
Active service	1	1	1	1	0	0	1	1
Active CESE On Deadline	0	0	0	0	1	1	0	0
Automotive Equipment	1	1	1	1	1	1	1	1
Construction Equipment	0	0	0	0	0	0	0	0
Material Handling Equipment	0	0	0	0	0	0	0	0
Total CESE Available	1	1	1	1	1	1	1	1
% CESE Availability	100%	100%	100%	100%	0%	0%	100%	100%
CESE Processed through DRMO	0	0	0	0	0	0	0	0
Total CESE Managed	1	1	1	1	1	1	1	1

3M SUMMARY

Month	JAN	FEB	MAR	APR	MAY	JUN	Total
SKED	0	0	0	0	0	0	0
Checks	0	0	0	6	56	32	94
RAR	0%	0%	0%	100%	100%	100%	100%
Spot Checks	0	0	0	0	0	0	0
UNSAT Checks	0	0	0	0	0	0	0
Partial Checks	0	0	0	0	0	0	0
ACF	0%	0%	0%	0%	0%	0%	0%
PPR	0%	0%	0%	0%	0%	0%	0%



**CLAMSHELL DOOR INSTALLATION
NI14-001**

Project Scope: Install a 45'x 55' clamshell door at the LAMS Hangar in support of JSOAD flight operations.

Personnel: 4 Personnel Assigned

Duration: 27JAN14 - 31JAN14

Mandays Expended: Previous Battalion: 0
NMCB 74: 26

Tasking: WIP at turnover: 0%
WIP at deployment completion: 100%
MD Tasked to NMCB 74: 26
Total Project MD: 26

Material Cost: \$25,225.57

Cost Savings: \$9,100.00

Significant Safety Issues: None.

Significant QC Issues: None.

Significant Design Issues: None.

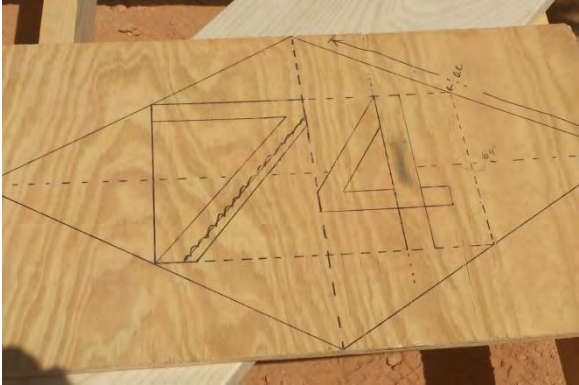
Significant Material Issues: None.



**NEW CAMP CONSTRUCTION, DIRKU
NI14-004**

Project Scope: Erect temporary Expeditionary Lite Camp to include four billet tents, one Tactical Operations Tent, one Alaskan Shower tent and one medical tent. Additionally install one 30k prime power generator and two solar assisted generators in order to support current operations. Train NMCB133 on the set up of the camp for future operations.

Personnel:	7	Personnel Assigned
Duration:	27APR14 – 28MAY14	
Mandays Expended:	Previous Battalion:	0
	NMCB 74:	93
Tasking:	WIP at turnover:	0%
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	93
	Total Project MD:	93
Material Cost:	N/A	
Cost Savings:	\$32,550.00	
Significant Safety Issues:	None.	
Significant QC Issues:	None.	
Significant Design Issues:	None.	
Significant Material Issues:	None.	



**MWR DECK
CAMP MAINTENANCE**

Project Scope: Construct a deck in support of 409th Air Expeditionary Group (AFAF) MWR Services.

- Personnel:** 4 Personnel Assigned
- Duration:** 07MAR14 - 22MAR14
- Mandays Expended:**
 - Previous Battalion: 0
 - NMCB 74: 42
- Tasking:**
 - WIP at turnover: 0%
 - WIP at deployment completion: 100%
 - MD Tasked to NMCB 74: 42
 - Total Project MD: 42
- Material Cost:** \$0
- Cost Savings:** \$14,700.00
- Significant Safety Issues:** None.
- Significant QC Issues:** None.
- Significant Design Issues:** None.
- Significant Material Issues:** None.



**AFAF DRIVER HOUSE / BARBERSHOP
NI14-200**

Project Scope: Construct a 16' x 32' Shelter as a primary work space for the Air Force Africa (AFAF) local contracted drivers/ translators and a barbershop for the government members/ contractors for AFAF. Interior consist of a wall, door, two (2) lights, three (3) electrical outlets and an A/C unit.

Personnel:	5	Personnel Assigned
Duration:	31MAR14 - 30APR14	
Mandays Expended:	Previous Battalion:	0
	NMCB 74:	60
Tasking:	WIP at turnover:	0%
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	60
	Total Project MD:	60
Material Cost:	\$0	
Cost Savings:	\$21,000.00	
Significant Safety Issues:	None.	
Significant QC Issues:	None.	
Significant Design Issues:	None.	
Significant Material Issues:	None.	



JSOAD –NI DRIVE HOUSE OIC-D

Project Scope: Construct a 16'x30' shelter as a primary work space for the Joint Special Operation Air Detachment-Niger (JSOAD-NI) local drivers/ translators. Interior one (1) ceiling fan, light, two (2) electrical outlets and an A/C unit.

Personnel:	5	Personnel Assigned
Duration:	21APR14 - 25APR14	
Mandays Expended:	Previous Battalion:	0
	NMCB 74:	24
Tasking:	WIP at turnover:	0%
	WIP at deployment completion:	100%
	MD Tasked to NMCB 74:	24
	Total Project MD:	24
Material Cost:	N/A	
Cost Savings:	\$8,400.00	
Significant Safety Issues:	None.	
Significant QC Issues:	None.	
Significant Design Issues:	None.	
Significant Material Issues:	None.	



**ERF WAREHOUSE RENOVATION
NI14-005**

Project Scope: Clean and paint 10,000 sqft interior walls. Construct two (2) office spaces totaling 20'x 90'x 9' in space capacity with sound proof gypsum board in support of DOD-Stat SCIF operations. Provide electrical to the newly renovated office spaces. Install 24 outlets to support eight (8) SIPR net computers.

Personnel:	6	Personnel Assigned
Duration:	20JUN14	12MAY14 -
Mandays Expended:	Previous Battalion:	0
	NMCB 74:	10
Tasking:	WIP at turnover:	0%
	WIP at deployment completion:	25%
	MD Tasked to NMCB 74:	24
	Total Project MD:	254
Material Cost:	N/A	
Cost Savings:	\$3,400.00	
Significant Safety Issues:	None.	
Significant QC Issues:	None.	
Significant Design Issues:	None.	
Significant Material Issues:	None.	



CHAPTER V

SUPPLY / LOGISTICS / EQUIPMENT



SUPPLY (S4)

NMCB 74 managed a full P25S TOA in Rota, Spain and supported 6 Dets within the EUCOM AOR. The Supply Department conducted a 100% inventory on 162 TOA Tricons consisting of 8,363 line items resulting in 100% accountability. The validity increased from 89% to 99%, which was a direct result of the hard work and diligent efforts of the Supply Department. The inventory was conducted using the "as-packed" data spreadsheets. The P25FIE (Fly In Echelon) Module is 100%, the P25SS (Seabee Sustainment) Module is 98%, the P25CC (Command and Control) Module is 99%, the P25SC (Seabee Construction) Modules were 89% overall, with the S-1 Module at 84%, the S-2 Module at 95%, and the S-3 Module at 87%. The P25EM (Equipment and Maintenance) Module was 74% valid. The S-2 Construction Module was designated as the "ready" module. The P25EM and the P25SC3 Modules were designated as the "working" modules and priority placed on getting the P25SC1 and P25SC2 Modules up to 100% validity. All shortages were identified and submitted to NCG-2 for further guidance or procurement. The NMCB 74 ARP team tackled the task of completing an Integrated Logistics Overhaul (ILO), which consisted of a 100% wall to wall inventory of over 13,000 line items, worth \$2.2M. Increased the ARP inventory validity from 87% to 99% and the repair parts demand effectiveness rate to 80%.

SUPPLY / LOGISTICS STATISTICAL DATA

Validity of ARP Inventory at Turnover:	96%
Validity of CTR Inventory at Turnover:	99%
Validity of CSR Inventory at Turnover:	96%
Validity of MLO Inventory at Turnover:	100%
Number of DTS Travel Orders Processed:	1,002

Financials

NMCB 74 increased the issue effectiveness of the \$1.79M OPTAR by 26% and provided quality support to all NMCB locations. The Battalion procured 56 requisitions and 4 service contracts, valued at \$150K, through four Government Purchase Card (GPC) holders, including \$13K of mission essential consumables.

Travel

The NMCB 74 DTS team processed 1,002 individual Defense Travel System (DTS) travel authorizations and vouchers totaling \$1.1M of active travel obligations. The joint effort ensured separation of duties for maximum accountability and system integrity, with three tiers of oversight, and aligned the DTS/Government Travel Credit Card (GTCC) Program with the new COMNECCINST 4400.1B. The Debt Management Monitor (DMM) properly administered and managed the program, redeploying with 0 items pending "due process" or, "actions required". Outstanding delinquency was kept below the 2% threshold throughout deployment.

Barracks Management and Food Service Management

Culinary Specialists at Camp Mitchell managed billeting for an average of 180 persons per month, across 5 Bachelor Enlisted Quarters (BEQs) and 1 Bachelor Officer Quarters (BOQs) totaling 216 individual rooms. Throughout deployment the team worked diligently, and in unison with camp maintenance, to execute 250 trouble calls, increasing the quality of living for deployed personnel. NMCB 74's vigilance allowed the Battalion to deconflict several berthing issues with the housing office, camp maintenance, and public works, ensuring a successful RIP/TOA.

The Food Service Divisions successfully managed, ordered, and issued 304 s UGR-E's, 540 cases of 540 MRE's, 1443 cases of water for Detail Romania and Cameroon. Billeting numbers peaked at over 250 persons during the Relief-in-Place/Transfer of Authority (RIP/TOA) with NMCB ONE THIRTY THREE in JUNE 2014.

**Non Civil Engineer Support Equipment (CESE) Table of Allowance (TOA)**

NMCB 74 Supply Department successfully managed a full P25S TOA in Rota, Spain and supported 6 Dets within the EUCOM AOR. They conducted a 100% inventory based off the “as-packed” data sheets on 162 TOA Tricons, consisting of 8,158 line items, valued at \$6.2M. Through the hard work and diligent efforts of the Supply Department, 100% accountability of the TOA was established, identifying and resolving all discrepancies. Inspected and recertified 162 P25S TOA tricons and created history jackets for each one.

Central Tool Room (CTR)

NMCB 74’s Central Tool Room (CTR) completed a total 79 tool kit inventories that supported three AORs which resulted in an overall validity rate of 93% with a combined value of \$969,043. The CTR staff identified 522 line items that were needed to increase overall toolkit percentage. CTR staff researched, ordered and received 234 line items by utilizing DOD Email while the remaining line items were procured locally. In addition to TOA tool kits, CTR personnel performed inventories on 1,459 line items that encompassed 10,000 shelf tools with a 98% rate. CTR successfully completed 488 maintenance checks in two separate work centers and provided 3M support and coverage for three sites. CTR incorporated stock record cards for 428 line items in accordance with the TVA results.

CTR is also responsible for the maintenance and tracking of 368 ISO containers that are located over seven disperse locations valued at over \$1.9 Million. CTR worked diligently to identify and track all containers, ensuring proper accountability, and was able to fix multiple discrepancies between current EXMIS database and actual containers on the ground. Upon deployment to HOA, the current inventory showed 125 containers on the ground in HOA, but only 74 were located during turnover. Throughout the course of deployment, CTR worked tirelessly and were able to locate (either at DRMO, TPO yard, Gulfport, or another deployed location) 49 of the 51 unaccounted for containers, raising the validity of the HOA container inventory from 59% to 98%.

Automotive Repair Parts (ARP)

ARP proved to be a challenging and labor intensive task, but the NMCB 74 Supply team tackled the task of completing an Integrated Logistics Overhaul (ILO), which consisted of a 100% wall to wall inventory of over 13,000 line items, worth \$2.5M. The ARP inventory validity increased from 87% to 96%, the range from 77% to 87%, and the depth from 72% to 82%. The increase to the range and depth are now within NECC goals of 85% and 80%. As a direct result from the ILO there were 907 excess line items that were offloaded, valued at \$121K. A reorder review was conducted and 1800 line items valued at \$450K. The team processed 1,968 direct turnover (DTO) requisitions valued at \$173K.

Material Liaison Office (MLO)

NMCB 74’s MLO completed an excess project material inventory of 1,062 line items totaling 2,234 items with 99% validity. MLO ordered, received, stored and issued 135 line items worth of materials for all 9 of DET EUCOM project sites and was responsible for ordering \$45K worth of urgent material in support of DET Romania utilizing the Maximo process. Det EUCOM MLO was the first battalion to utilize Maximo to procure Class IV construction material for project support in the EUCOM AOR. NMCB 74 contributed to updating the Maximo database by inputting over 200 line items and 10 vendors, thus increasing the efficiency of time for units who utilize the Maximo system. Det EUCOM researched and executed 10 short fused purchased requirements and coordinated with multiple vendors in Spain, Italy, Israel and Romania to ensure proper material standards and construction requirements were met prior to material delivery and contract awarding. Additionally, MLO in both Rota and HOA consolidated and organized the supply yard to allow for ease of identification of materials and dedicated areas for material storage.

MLO supported CJTF HOA by providing \$171,245 worth of excess material for use in local projects. NMCB 74 DET HOA utilized the PR Builder program and DLA to procure Class IV construction material for AFRICOM AOR projects, and with extensive coordination between MLO staff and vendor, NMCB 74 was able to decrease the locally procured material in HOA to an average of a five day turn around. A



major issue with importing material into AFRICOM was tax exemption forms from the Port Authority, and material was routinely held up at customs waiting on vendor pick up. Coordination between MLO staff and vendor is vital to avoid material delays at customs, and attention to this problem throughout deployment reduced the average lead-time for material imported into AFRICOM AOR decreased to approximately one month.

Class IV material continued throughout deployment to be the biggest obstacle to timely construction completion. Material contracts in Cameroon were terminated twice, material procurement in HOA was significantly delayed due to local procurement authority staff turnover, and all DLA procurement for Det Romania, while ultimately successful, was an extremely time consuming process which forced the Det to perform much of its construction mission out of sequence and in an inefficient manner, due to the need to utilize what material they had on hand. A significant amount of additional prior planning is required to overcome material procurement issues, to include better identification of potential Seabee mission as early as possible, and the receipt of adequate plans and specs enough in advance to allow for units to properly Plan and Estimate and get materials on order. Additional related items are addressed in the lessons learned section of this report.

Two best practices employed during the deployment that overcame many of the class IV difficulties encountered were the FOO/PA program and utilization of a GOVCC for class IV material. The FOO/PA program in Cameroon enabled the timely completion of the project, which would have not been possible using a local contract. The ability to pay cash and choose individual items from a range of vendors encouraged competition, kept prices low, and enable the Det to only select material that met specification, which saved time by enabling the delivery of the right and acceptable material the first time. In Romania, the Battalion was able to utilize the TF-68 GOVCC to make minor local purchases of class IV material. This was vital to the success of the project. Due to the long procurement timeline via DLA, the Det had no way to purchase "emergency" material that would enable the project to move forward. While not used often, the ability to utilize the purchase card enabled the Det to make small purchases of critical items which prevented work stoppages while the main material procurements were in process.

MATERIAL AND MAINTENANCE MANAGEMENT (3M)

The NMCB 74 3M Organization consisted of 19 work centers across two Areas of Operation (AO). The 3M team accomplished 12,316 preventive maintenance actions and 306 spot checks maintaining a 98.7% Recorded Accomplishment Rate (RAR) and a 98% PMS Performance Rate (PPR) respectively. Our Material Data System (MDS) program was outstanding, completing the validation of 2,300 records of CESE and Non-CESE TOA items in MDS directly improving the validity of the OMMS-NG database. During the course of the deployment, we installed three Force Revisions, implemented/processed 190 Trouble Feed Back reports, and trained and qualified command members in 3M resulting in 135 new qualifications.



Security updates to the NTCSS server during deployment removed access to NTCSS for all computers in Camp Mitchell for approximately four weeks. Because of communication difficulties between ONE-NET, NMCI, and SPAWAR, this issue took an extended amount of time to resolve. Not having access to NTCSS, R-supply, and OMMS-NG was detrimental to the ability to order, receive, and record maintenance during the outage. The battalion was able to work around this shortfall and continue to perform required maintenance, but a significant amount of "catch-up" work was required upon resolution of the software problem, highlighting the dependency of this program on the continued functionality of IT systems.



WORK CENTER	PMS CHECKS	COMPLETE	RECORDED ACCOMPLISHMENT RATE (RAR)	SPOT CHECK	UNSAT SPOT CHECK	ACCOMPLISHMENT CONFIDENCE FACTOR (ACF)	PMS PERFORMANCE RATE (PPR)
AC13	114	114	100.0%	32	2	94%	93.8%
AM01	5658	5658	100.0%	60	1	98%	98.3%
BL03	713	713	100.0%	27	1	96%	96.3%
BR01	107	107	100.0%	8	0	100%	100.0%
CS01	680	680	100.0%	29	0	100%	100.0%
HO01	2672	2672	100.0%	48	0	100%	100.0%
SC01	160	158	98.8%	25	1	96%	94.8%
ST01	366	366	100.0%	30	0	100%	100.0%
WG01	1334	1334	100.0%	56	0	100%	100.0%
TOTALS	11804	11802	99.9%	315	5	98%	98.1%

EMBARKATION

NMCB 74's Embarkation Division coordinated with TF68 and Movement Control Centers East for the deployment of 334 personnel and over 63k lbs of cargo from Gulfport, MS to destinations in Spain, Romania, Djibouti, Bahrain, Niger, and Cameroon. The Embarkation division planned and executed DET mount outs to Israel, Jordan, Romania and Moròn, Spain while tracking and managing over 300 smaller scale movements of personnel and CESE during deployment.



Detail EUCOM and Detail NORTHCOM executed Air Detachment Mount Out Exercises at Camp Mitchell, Rota, Spain and NCBC, Gulfport, MS in February to validate crisis response capabilities. The Embark Department developed and executed a comprehensive training plan at both locations in preparation for the exercise that included classroom and hands-on training. During the exercise, outside evaluators from MCC-E in Gulfport and air terminal personnel from Rota were utilized to grade the evolutions. Each mount-out exercise was comprised of the preparation for movement of over 30 units of Civil Engineer Support Equipment (CESE) and 25 Tons of cargo.

EQUIPMENT

NMCB 74 provided oversight and maintenance to 466 units of CESE spread across three COCOM AORs directly supporting numerous commands. Availability starting at 73% in Rota and 64% in Djibouti as CESE was cycled out of IEM and mechanical deficiencies were identified. By March, availability was above 90% in Rota and above 80% in HOA. Alfa Company brought several units of CESE off deadline that had been down for over a year.



BATTALION EQUIPMENT SUMMARY

	BEEP	JAN	FEB	MAR	APR	MAY	JUN	BEEP
Inactive Equipment Management	270	230	226	237	221	211	224	224
Active service	187	223	220	223	245	241	228	228
Active CESE On Deadline	44	37	32	26	30	24	20	24
Automotive Equipment	24	24	15	14	15	12	10	13
Construction Equipment	2	2	13	12	13	10	6	8
Material Handling Equipment	2	2	3	1	2	3	2	3
Total CESE Available	143	185	188	196	213	216	208	204
% CESE Availability (NEW CALC)	90.3%	91.8%	92.9%	94.3%	93.6%	94.7%	95.6%	95.0%
CESE Processed through DRMO	1	1	1	8	1	16	1	0
Total CESE Managed	452	452	452	460	466	452	452	452

CRANE PROGRAM

The crane team in Rota took ownership of two 40T cranes, two 10T wreckers, and a full rigging loft, taking the team through one NCC Equipment Evaluation, six crane certifications, and a boom rebuild without a crane, rigging, or safety mishap in direct support of NCG2 capabilities. The crane crew was able to bring a crane off deadline that had been down for over two years, bringing all cranes to full mission capability.





APPENDIX I

LESSONS LEARNED



1. KEYWORD: ADMIN (S1)

ITEM: Rating Exam Exemptions

DISCUSSION: Waivers for rating exams are available for certain deployment areas. For those areas, the Command is authorized to waive personnel at that location from taking the rating exam.

RECOMMENDATION: Prior to deployment, evaluate each site closely to determine if personnel being deployed to those locations are required to take exams and ensure clear understanding of arrangements to deliver and return exams in compliance with Navy regulations.

ITEM: E-Leave notification

DISCUSSION: Emergency leave policy did not specify who should be notified upon arrival in and departure from CONUS.

RECOMMENDATION: Emergency leave notification procedures should be addressed in the deployment OORDER.

ITEM: Meal Deductions

DISCUSSION: Conflicting guidance resulted in confusion if meal deductions were required, resulting in potential overpayment while receiving government furnished meals.

RECOMMENDATION: NECC or NCG2 maintain written guidance on locations where meal deductions are not required to ensure compliance.

ITEM: Official Passports

DISCUSSION: Most deployed locations required official passports for travel. All personnel were required to obtain a passport and progress was tracked through homeport, but delays in processing or receiving required documentation resulted in some personnel not having a passport prior to deployment and the Battalion organization being driven by those that had current passports.

RECOMMENDATION: Conduct physical inspections of passports during homeport and track progress to ensure that attainment numbers are not inflated.

2. KEYWORD: INTEL (S2)

ITEM: Information Classification

DISCUSSION: Information classification guidance was not clearly understood and specific COCOM requirements were not identified prior to deployment, leading to confusion on what information was cleared for discussion on unclassified networks.

RECOMMENDATION: NCG2 maintain Classification guidance for all projected deployed locations and provide to Battalions during Homeport. Battalions provide guidance updates to NCG2 during deployment to ensure aligned understanding of requirements.

3. KEYWORD: (S4)

ITEM: Material procurement

DISCUSSION: Battalion personnel unfamiliar and untrained to utilize the MAXIMO purchase system.

RECOMMENDATION: Gather full names and rate/rank of the individuals who will need access and submit to PWD one month prior to deployment for log on access. This process is finalized in Naples and it takes about three weeks. Conduct OJT in Homeport prior to deployment.

ITEM: Material Procurement

DISCUSSION: In Cameroon, the det arrived with a class IV contract already in place. The vendor was struggling to meet delivery timelines, and the contracting officer began termination proceedings early on in the deployment. The contract was eventually terminated and a new class IV contract awarded to another local vendor. Immediately after award, the new contractor was not able to meet contract requirements, was unable to produce the required items and the items that were delivered were of extremely poor quality. Rather than award a third contract, the contracting officer established a FOO/PA team at Det Cameroon, enabling the Det to purchase all material locally with cash. The FOO/PA process proved to be the simplest, timeliest, and most cost effective method to procure material. The process

allowed the Det to shop around for the best price, and choose which items to buy, enabling the Det to balance quality of material and cost. As an added check and balance, the Det bounced each purchased item off of the original contract schedule of prices, ensuring that each line items purchased was the same cost or cheaper than it would have been had it been purchased via contract.

RECOMMENDATION: Implement the FOO/PA program to procure material at remote mission sites. Ensure Det personnel are properly trained, and staff Dets appropriately to account for this function.

ITEM: Material Procurement in HOA

DISCUSSION: Due to large amounts of staff turnover of CJTF-HOA staff, no single entity had the responsibility for procuring class IV material for the local Seabee Det. The J-4 department and the Contingency Contracting Office (CCO) both felt that it was the other department's responsibility to procure class IV, and as a result, the MLO PEB project sat at a standstill for two months waiting for material to arrive. After much discussion at the local level, it was determined that J4 would utilize DLA to purchase material to complete the project. The material was eventually ordered and delivered, but it delayed the completion of the project.

RECOMMENDATION: CJTF-HOA formally establish Seabee Class IV material procurement policy to avoid gaps in capability during periods of high staff turnover. Formal procedures could more easily be passed down to reliefs, enabling for the established procedures to survive periods of instability

ITEM: Difference in contracting philosophy between the services

DISCUSSION: When CJTF-HOA and CCO were unable to meet material procurement requirements, Air Forces Africa (AFAF) was able to quickly procure all needed class IV material, to include concrete delivery, in an expeditious manner. AFAF support ensured the Kalaf Clinic project in Djibouti was able to continue without material delays.

RECOMMENDATION: Foster relationship with AFAF to procure materials in contingency, remote, or underdeveloped areas.

ITEM: Seabee Project Planning

DISCUSSION: Limited opportunity for planning prior to execution resulted in rushed development of the Bill of Materials, often with errors, and extended procurements times.

RECOMMENDATION: Early identification of missions will support better planning and increased execution effectiveness by Details.

ITEM: Language barrier

DISCUSSION: Differences in languages and construction techniques/standards often led to a reorder of material when dealing with vendors. Certain items are region specific items (expansion joint, high chairs and j anchor bolts) that took a lot of dialogue to ensure correct parts were ordered and often required going to a store to ensure responsiveness.

RECOMMENDATION: A fluent Spanish speaker with broad construction knowledge is required in MLO. Representative requires Spanish driver's license.

ITEM: Concrete ordering

DISCUSSION: Concrete was not being delivered when requested in the MAXIMO system. Concrete companies will not deliver prior to 0900 on the base and require an approved AO and contact directly from the base to the batch plant prior to delivery.

RECOMMENDATION: Once the PR is inputted into Maximo, contact Sr. Antonio Roman at 727-3074 and have him contact the concrete company to solidify the delivery date and time.

ITEM: Refilling of Acetylene bottles

DISCUSSION: Acetylene bottles were turned over empty and Battalion personnel were unfamiliar with procedures to get bottles refilled. S4 department had to contact DLA in Bahrain which was the closest vendor in the area and material requests were made through DLA.

RECOMMENDATION: Identify requirement early to ensure bottles are able to be filled within required timeline.

ITEM: ISO Container CSC Recertification

LESSONS LEARNED

A-1

DISCUSSION: All 368 TOA ISO containers were set to expire prior to completion of deployment.

RECOMMENDATION: Ensure Battalion has qualified 1108.1 personnel assigned to Rota and HOA. Contact AIDPMO at 1-618-220-4485 for new DD 2282 (CSC Stickers) which are provided at no cost to the battalion. Once CSC stickers are received, distribute to sites so qualified individuals can perform recertification. A binder has been created in Rota CTR that has all applicable contact information and further amplifying information about ISO container information.

ITEM: 3M Workload

DISCUSSION: Both workcenters in CTR grew due to the increased amount of containers and small engines that need to be entered into SKED. These discrepancies were found during an inventory of containers in SKED and what was on site.

RECOMMENDATION: CTR personnel needs to be fluent in 3M process and a 303 qualified individual needs to be assigned to CTR. Maintain items in IEM to manage workload.

ITEM: ISO Container reporting

DISCUSSION: Discrepancies with container location were identified on the NCG container report upon 100% container validation. Discrepancies were provided to NCG for report updating. Mixture of TOA and Project Containers were scattered about the HOA Material Expansion Yard. Extra containers were found in the HOA Expansion Yard that was not identified on any paperwork. The USN numbers did not match the spreadsheet Rota provided.

RECOMMENDATION: Continue monthly validation to ensure accuracy and document all loaned containers.

ITEM: Tool Kit readiness

DISCUSSION: 14 of 92 legacy kits in inventory have 100% validity and other kits range from 68% to 99%. CTR had excessive number of some kits. NCG2 was contacted to request legacy tool kit disposal.

RECOMMENDATION: Utilize loose shelf tools to mitigate shorts for high demand kits and reduce number of low demand kits.

ITEM: Material Stowage

DISCUSSION: Small items in larger boxes were not taken out of the box prior to stowing and some items were stowed in TRICONS other than those designated. Locations were mitigated during TOA validity.

RECOMMENDATION: Remove items from boxes to maximize stowage space.

ITEM: Material Procurement

DISCUSSION: Requisitions for shortages were ordered under multiple workcenters and/or JON's.

RECOMMENDATION: Use correct workcenter and JON for None-CESE TOA when ordering shortages.

ITEM: Receipt Processing

DISCUSSION: Receipts were being completed before material was received.

RECOMMENDATION: Do not complete receipts until material is physically on hand. If lost in shipment, process SDR as required.

ITEM: Inventory Sheets

DISCUSSION: Inventory sheets did not reflect the same material as the AsPacked data sheets. Prior to deployment, new inventory sheets had been created using the AsPacked data which resulted in material being annotated as shortages and ordered. As material is still being received, some is actually in excess of what is required to be on hand.

RECOMMENDATION: Do not change As-Packed data. Conduct 100% inventory of seals and opened containers during deployment to maintain accurate inventory versus As-Packed.

ITEM: TOA Management Procedures and Records Keeping

DISCUSSION: There was not an up-to-date record of items that had been checked out to DET sites, workcenters, and/or CTR. Container history jackets have been created for each tricon.

RECOMMENDATION: File and keep all supporting documentation in history jackets.



ITEM: Tool Kits

DISCUSSION: Some tool kits had itemized inventory sheets, but not all. A binder containing kit inventory sheets from SKO has been created as well as a binder for the Base-X tents.

RECOMMENDATION: Utilize ABFC VIEW, SKO, or kit inventory sheets to inventory kits.

ITEM: Missing/damaged Material in Kits

DISCUSSION: Some kits were found to have missing or damaged items.

RECOMMENDATION: Ensure kits are inventoried upon return from DET sites/projects/CTR before placing them back in the tricons.

ITEM: Equipment Upgrades/replacement

DISCUSSION: Equipment upgrades/changes were not communicated to TOA Manager or reflected on the inventory sheets. Example: M17 Decontamination units were upgraded to M26. Due to TOA inventory sheets not being updated to reflect these changes and new M26 units being in custody of CBR Manager without proper subcustody paperwork, replacement M17 units were ordered as shortages and now have to be disposed of.

RECOMMENDATION: Notify TOA Manger of all changes to TOA material and proper records maintained to prevent future occurrences.

ITEM: 3M Preventative Maintenance Requirements and Certification Requirements

DISCUSSION: Numerous items in the TOA require PMS or certification/calibration. There are no programs or policies in place to ensure compliance with these requirements.

RECOMMENDATION: Add all items in the TOA that require PMS to SKED and EGL's to ensure compliance. TOA items requiring certification/calibration need to be included in appropriate programs to ensure they are compliant and ready for use.

ITEM: Shelf Life Management

DISCUSSION: There was no shelf life management program in place to monitor shelf life. NCG-2 provided DOD 4140.27-M (DOD Shelf Life Management Manual) during TVA visit. Shelf life codes and shelf life action codes are listed on inventory sheets. Shelf life program initiated, but not fully implemented due to resource constraints.

RECOMMENDATION: Fully implement Shelf life program in accordance with provided instruction.

ITEM: Receipts

DISCUSSION: Stock receipts were not being processed. Several items were found in the location with the DD-1348 still attached that had not been processed.

RECOMMENDATION: All items should be processed within 24 hours of receipt in ARP warehouse.

ITEM: Material Relocation

DISCUSSION: Material had been relocated without updating RSUPPLY with the new location.

RECOMMENDATION: Change location in RSUPPLY immediately upon relocation.

ITEM: Material Labeling

DISCUSSION: Numerous pieces of material had been stowed without NSN marking.

RECOMMENDATION: Hand write NSN's. Print labels once IBS fully implemented.

ITEM: Material Placement

DISCUSSION: Large items were stowed in small VIDMAR drawers and small items, such as O-rings were stowed in the large shelf locations.

RECOMMENDATION: Store items in proper sized drawers.

ITEM: Direct Turnover Material

DISCUSSION: DTO material was found in storeroom locations.

RECOMMENDATION: DTO material will be received in RSupply and then turned over to the RPPO.

LESSONS LEARNED

A-1

ITEM: Line Items Have Multiple Locations

DISCUSSION: Numerous items have multiple storeroom locations.

RECOMMENDATION: Store material in a maximum of 2 locations.

ITEM: RSUPPLY Locations

DISCUSSION: Numerous locations have several different abbreviations in RSUPPLY for the same physical location, i.e. S05E, SHELF05E, S05TOP, S05TP. Location data found in RSUPPLY does not correspond to any physical storeroom location, i.e. ALFA, OFFICE, LOSS, NIIN's. Many "bogus" locations show On Hand quantities in RSUPPLY.

RECOMMENDATION: Standardize format for all locations and eliminate bogus locations.

ITEM: Offsite ARP Locations

DISCUSSION: Material with locations in HOA needs to be screened before pulling the material from the shelf. If the material is On Hand in HOA, it should be issued from there.

RECOMMENDATION: If an item has a HOA location only it will be forwarded to the ARP custodian there to be filled. If an item has either a Rota location and a HOA location and is for Rota, we will fill requisition, if we are NIS then we will forward to HOA for action.

ITEM: Warehouse Security

DISCUSSION: ARP storeroom is not secure. Adjoining space belonging to Alfa Company has a fence that could easily be scaled to gain access to ARP storeroom.

RECOMMENDATION: Construct wall between the upper deck of the tool room and ARP.

ITEM: Depot Level Repairables

DISCUSSION: Depot Level Repairables should be stowed separately in a location marked "DLR".

RECOMMENDATION: DLR's have been moved to their own location.

ITEM: Large/Heavy Material

DISCUSSION: Large/heavy items were stowed on top of smaller items, such as filters, thereby crushing them and causing storeroom losses.

RECOMMENDATION: Place heavy items in locations and shelves that can accommodate weight.

ITEM: Armory Locations

DISCUSSION: Items stowed in the armory in a cardboard box on top of a storage cabinet.

RECOMMENDATION: Buy the armory a VIDMAR cabinet and have the RPPO stock it.

ITEM: Hazmat

DISCUSSION: HAZMAT being ordered and managed in RSUPPLY. Needs to be managed by HAZMAT coordinator using HICSWIN.

RECOMMENDATION: Procure all ALFA Hazmat with Alfa Hazmat coordinator.

4. **KEYWORD: COMMUNICATIONS (S6)**

ITEM: Administrative Documents

DISCUSSION: TASO designation letters and acknowledgement forms along with designated security manager, user list for SIPR TACLANE and a designated property custodian are required to be on file with ONE-Net before S6 can provide any meaningful assistance.

RECOMMENDATION: Include everyone in the S6 Department on the TASO designation letter.

ITEM: NIPRNET Configuration

DISCUSSION: ONE-Net requires all personnel to have a NIPRNET account and submit a SAAR form and complete required NKO training prior to deployment.

RECOMMENDATION: Ensure all personnel fill out the required SAAR form and the TASO or Security Manager sign the appropriate form. TASO/Security Manager signature needs to be verified with designation letter on file with ONE-Net.



ITEM: Email Distribution List

DISCUSSION: Distribution lists are effective way to pass information to large groups of personnel.

RECOMMENDATION: Establish required distribution lists prior to deployment in order to allow the S6 Department to create the lists quickly once on station.

ITEM: OWA

DISCUSSION: Personnel were unaware of the ONE-NET Outlook Web Access (OWA), creating communications issues when key personnel would go on travel. It was discovered that OWA is available for ONE-NET if you have a valid ONE-NET logon account and the required CAC card e-mail certificates for access. The ONE-NET OWA web link is <https://mail.eu.navy.mil/Exchange/>

RECOMMENDATION: Publish OWA information prior to deployment.

5. KEYWORD: TRAINING (S7)

ITEM: NKO Course completion

DISCUSSION: Some deployed locations did not have bandwidth to complete NKO training. Personnel TAD were not available to complete required training.

RECOMMENDATION: Ensure all personnel complete NKO/GMTs prior to going TAD or deploying.

6. KEYWORD: ARMORY

ITEM: Battalion Armory Officer Location

DISCUSSION: The Armory Officer on a Detail increased communication challenges.

RECOMMENDATION: Co-locate Battalion armory officer with Commanding Officer.

ITEM: Designation Letters

DISCUSSION: Designation letters are required for the ORI inspection.

RECOMMENDATION: Bring copies of designation letters from homeport to all Det sites with armory assets so new letters do not need to be routed while on deployment.

7. KEYWORD: OPERATIONS

ITEM: Report Redundancy

DISCUSSION: Multiple operations reports are required to be submitted to a variety of supported commanders. Most reports repeat the same information, but are formatted to the specific requirement of the organization receiving the report.

RECOMMENDATION: Consolidate reports and coordinate with Supported Commanders to eliminate redundancy.

ITEM: Quality of submitted Photo-Sitreps.

DISCUSSION: Photos were sized incorrectly, not compressed, and off-center. Text is misaligned or missing. QC comments were often not specific or measurable, and Safety comments could have been more specific to each project. Differences between earned, estimated, and expended mandays were not discussed or explained.

RECOMMENDATION: Training on all OPS reporting requirements, particularly Photo-sitreps, should be conducted in depth with all OICs and ops staff for Det sites prior to deployment.

ITEM: Lack of manday calculation knowledge

DISCUSSION: Det operations staffs and leadership did not have a good grasp of manday calculations, and often struggled to adequately track earned/expended mandays, and had difficulty updating Level I and II submissions and submitting accurate photo SITREPS. This lack of knowledge led to an increased administrative burden on the Operations Department, and reduced the ability of each det to adequately track and manage their projects.

RECOMMENDATION: More in-depth training is required prior to deployment. While most personnel have a baseline knowledge, it was clear that most lack the deeper understanding required.

LESSONS LEARNED

A-1

ITEM: 22 NCR roles in deployed operations

DISCUSSION: 22 NCR often invoked their coordinating authority relationship with TF-68, SOCAF, CJTF-HOA, and C6F to help coordinate Seabee work throughout the AOR. While this was effective in helping layout logistical support for future missions, it sometimes resulted in confusion on the part of the Battalion due to conflicting guidance between 22 NCR and TF-68.

RECOMMENDATION: Default to the Battalion OPCON authority (TF-68) when it comes to tasking, but continue to work closely with both units to help support current and future Seabee missions. Continue to share information so all parties remain aligned.

ITEM: Communication with Gulfport-based Dets

DISCUSSION: Differences in time zones made communication difficult with the Gulfport-based Det. With NCG 2 co-located at NCBC, it became easy for NCG 2 and the Det to DIRLAUTH on tasked project. While effective, this often led to Battalion OPS being left off of important communication, and decisions being made at the local level without OPS input.

RECOMMENDATION: Set expectations clearly at the beginning of deployment, and set up the deployment battle rhythm especially to cater to Dets in other time zones. Push communication with NCG 2 to ensure all parties remain aligned.

ITEM: Lack of Project Planning & Estimating and Project Management knowledge

DISCUSSION: P&E skills are lacking across the Battalion, resulting in poor project packages, and inaccurate BMs. Coupled with poor Project Management skills, projects continually struggled to stay on schedule, and crews were unable to utilize the level III and two-week schedules to manage the projects. This made it difficult to adequately track progress and manage crews.

RECOMMENDATION: P&E and Project Management must be a focus for the NCF during homeports. Seabee skills in this area continue to degrade, and need brought up to prior levels.

ITEM: Pre-Deployment relationship with supported Task Forces

DISCUSSION: TF-68 and TF-56 did not often reach out to the Battalion during homeport, so they were a bit of an unknown quantity coming into deployment. The Battalion often defaulted to working directly with 22 NCR, as opposed to the cognizant OPCON commander.

RECOMMENDATION: Push communication with the task forces before and during deployment. Staying closely aligned with the task forces enabled good mutual support, and clear tasking.

ITEM: OPS Department Relationship with TF-56 and CENTCOM Detachment

DISCUSSION: NMCB 74 chopped a detachment of Seabees OPCON to TF-56 for this deployment. Since the Battalion was not in the operational chain of command, all tasking and operational items went directly from TF-56 to the Det, bypassing the Battalion Staff. While correct from a command relationship standpoint, the OPS department was not able to provide the same level of assistance to the Det in daily operations as they would with other dets, leaving the det with less support.

RECOMMENDATION: Clearly discuss relationships with TF-56 at the start of deployment, and establish what the Battalion staffs can do to help support the Det. While important not to attempt to usurp TF-56 operational authority, the Battalion can make the det more effective if brought into the loop on daily operations.

8. KEYWORD: SAFETY

ITEM: Internal Training of Safety Personnel

DISCUSSION: Because of the delayed deployment tasking, Safety Plans had to quickly be established and approved. Initial Safety Plans and Deliberate Risk Assessments contained many errors and deviations were made that causing the review and approval process to take even longer.

RECOMMENDATION: Conduct training for all Safety personnel to establish guidelines and ensure understanding of all requirements.

ITEM: External Training of Safety Personnel

DISCUSSION: Det NORCOM started out with the Command Assistant Safety Officer as their Safety Representative. Once identified as being overtasked and unable to oversee construction operations and



other safety concerns it was discovered that there were not a sufficient amount of qualified Safety Representatives and Project Safety Supervisors to assist.

RECOMMENDATION: Conduct more training in NEC 6021 and Safety Supervisor course than anticipated to ensure sufficient trained personnel for emergent tasking.

9. KEYWORD: DET CENTCOM

ITEM: CTF-56 Relationship and Communication

DISCUSSION: The lack of clarity and direction to execute tasking was a routine challenge. Tasking was often verbally received from multiple sources which led to confusion and inefficiencies.

RECOMMENDATION: Establish formal tasking procedures with CTF-56 and NAVCENT.

ITEM: Turnover Documentation

DISCUSSION: Documentation for transfer of custody, missing parts/tools, and ordering parts/tools was incorrectly captured per the results of the TVA inspection. After receiving the TVA feedback. Det CTR/MLO department re-logged their inventories with proper forms in order to correct all identified deficiencies and prepare for turnover.

RECOMMENDATION: Ensure CTR Rep has taken the CTR course in homeport. Ensure that the proper instructions are readily available and accessible to the leadership and CTR/MLO staff.

ITEM: Supply Staff Operator Licenses

DISCUSSION: CTR/MLO reps relied on licensed Equipment Operators to move or transport items in the yard.

RECOMMENDATION: License CTR/MLO Reps on 924G Loader to limit need for external assistance.

ITEM: Limited HAZMAT Process at Isa AB

DISCUSSION: Isa AB does not have a HAZMAT program for ordering, only a HAZWASTE program for disposal. All POLs have to be ordered via Rota or purchased locally.

RECOMMENDATION: Identify POL and other HAZMAT requirements early to allow the current system to procure. Continue to work with the base to develop local HAZMAT procedures. Assign an overseas GPC holder at the Det to allow for an expedient local procurement for emergency items.

ITEM: Isa AB Wash Rack restrictions

DISCUSSION: Tracked gear is not allowed to be washed on the wash rack, which limits the Det's ability to keep CESE properly maintained. Tracked equipment is washed with the organic water truck

RECOMMENDATION: Maintain a water truck to ensure proper maintenance on tracked equipment.

ITEM: Overseas GPC Holder

DISCUSSION: During Exercise Eager Lion, the Jordan Det purchased a few specialty tools via a CTF 56 open purchase. The purchase process was lengthy due to having to go through multiple levels outside the Command to make purchases.

RECOMMENDATION: Ensure that the future Dets identify an overseas GPC holder that is available to support off-island missions to ensure that emergency purchases can be made expeditiously.

ITEM: Engineering Testing via Contract

DISCUSSION: The Det does not have ability to conduct compression strength tests or compaction tests and must rely on an outside agency for support. Local contractors that provide concrete and fill material are able to provide that service.

RECOMMENDATION: Include testing services in material procurement contracts.

ITEM: Vehicle Inspection/Registration for CESE

DISCUSSION: Registration of CESE to travel on local roads is long and complicated and requires support from NSA Personal Property Office, Customs by KBSP, Ministry of Traffic inspections, registration office to pay fee to get license plates and license plate seals by the Traffic of Ministry.

RECOMMENDATION: Identify off base CESE early to prevent mission impact.

10. KEYWORD: DET EUCOM

ITEM: Time Critical Tasking

DISCUSSION: The Det received tasking to push out a Det to complete work on a site prior to material being delivered on site. The Det was able to procure material from excess to support the projects for one week, but then had to pull the Det back until the material arrived. The specific tasking was not time critical and there was no operational requirement to start prior to material arriving on site.

RECOMMENDATION: Prior to starting any work, evaluate current material status to determine if it is feasible to start work. Determine the criticality of the work, and work with the cognizant authority to determine if starting work without material on site is worth the risk of potentially having to start work.

ITEM: Double tasking.

DISCUSSION: The Det tasked with work that was contracted out and begun by local nationals.

RECOMMENDATION: Have Det OPS maintain a strong situational awareness and liaise with customers prior to work beginning to catch these errors. Preconstruction meetings between higher headquarters, local Public Works, and the customer will help avoid this situation.

ITEM: Camp Maintenance Material

DISCUSSION: The Det experienced long wait times when ordering camp maintenance material (such as light bulbs) which took over a month for the local expeditor to procure.

RECOMMENDATION: Forecast future needs at least a month ahead to account for long lead times.

ITEM: Faulty Wiring in Camp Mitchell

DISCUSSION: While reviewing the wiring work performed in the camp MWR building and other buildings by former Battalions, several electrical issues were discovered and corrected.

RECOMMENDATION: Plan and conduct an extensive electrical inspection program throughout Camp Mitchell to search for safety and code violations. Don't trust previous electrical work as codes change and not all previous work was completed within standards.

ITEM: Last minute SEABEE support requests

DISCUSSION: Other organizations on Rota will make last minute requests without understanding what we need to accomplish the tasking. For example, we were approached by the Mud Run coordinator two weeks prior to the Rota mud run and asked to dig some obstacles; however, they had never requested a dig permit which has a 45 day lead time in Rota.

RECOMMENDATION: Expect last minute requests and pro-actively approach them. Provide them the information they need, CC their supervisor, and follow up daily to ensure success. Don't compromise safety and policy to appease poor planning. Ensure to notify Battalion and higher headquarters regarding any tasking that could fall outside of OIC Discretionary.

KEYWORD: DET ISRAEL

ITEM: Life support agreements

DISCUSSION: All life support requirements were agreed upon prior to deployment with USAREUR, under a new support agreement with Israel. However, after arrival, it was discovered that bottled water and meal hours were not arranged prior to arrival, causing out of pocket expenses until the local support agreement could be worked out.

RECOMMENDATION: Even if support for basic life support is coordinated prior to deployment, ensure the Det deploys with a minimum amount of essentials to ensure sustainment even if agreements fall through.

ITEM: Visa requirements

DISCUSSION: Due to the short-fused nature of this mission, Battalion personnel had to react very quickly to identify Det personnel so they could get Israeli Visas for the mission. Per the foreign clearance guide, person traveling on an official passport must have a Visa, unless traveling to Israel to participate in a specific named exercise. After it was discovered that NMCB 74 would not be able to obtain Visas due to



an unforeseen work shut-down at the Israeli Embassy, it was discovered that we could tie this mission to exercise Juniper Cobra, thus eliminating the requirement for the Visa.

RECOMMENDATION: Personnel coordinating these types of missions, particularly on a tight timeline, must take Visas into account when conducting mission planning. The ability to tie this mission to Juniper Cobra was a valuable piece of information the Battalion did not have, and would have saved a tremendous amount of ultimately unnecessary work.

ITEM: Ability to charge rental cars and laundry service to the GTC

DISCUSSION: Due to continuing problems with the Israeli support agreement, personnel were left with no ability to do laundry, and were required to procure on the economy. Personnel used their GTC to procure the service, but had difficulty vouchering due to lack of prior approval.

RECOMMENDATION: If there are any difficulties with local life support that require for unplanned expenses to be charged to the GTC, personnel must immediately inform the S4 department to ensure that proper authorization can be made in order to prevent any vouchering problems.

11. KEYWORD: DET HOA

ITEM: Long Lead Items

DISCUSSION: Project timelines were often dependent on where materials came from.

RECOMMENDATION: Order materials a minimum of 60 days in advance to ensure adequate time for material delivery.

ITEM: Anchor Bolt Placement

DISCUSSION: Having proper placement of anchor bolts ensures projects can stay on schedule after the concrete placement. If anchor bolts are misplaced or moved during placement, months of delays can result, as was the case with the MLO PEB.

RECOMMENDATION: Prior to and during concrete placements, ensure the quality control specialist pays particular attention to the placement of anchor bolts. Ensure proper placement prior to the placement, and follow up to ensure they were not moved during placement or finishing.

12. KEYWORD: DET NORTHCOM

ITEM: Funding for NMCB project

DISCUSSION: Some tasked projects were not ready to execute due to funding issues. Verbal commitments had been in place, but projects often were tasked without funds in hand to execute.

RECOMMENDATION: Projects should only be tasked to the Battalions if they have been completely funded (to include travel, lodging, materials).

ITEM: Embarkation expertise at Det level

DISCUSSION: While the Battalion was trained in depth during homeport Embark training, the personnel assigned to Det NORTHCOM had limited training.

RECOMMENDATION: Maximize training opportunities to account for dispersed Ops. Conduct just-in-time training as required to obtain the minimum amount of expertise required at each location.

ITEM: CESE availability

DISCUSSION: The Det experienced limitations on available CESE due to multiple units relying on one pool of CESE for mission training and tasking requirements.

RECOMMENDATION: Future planning should incorporate this short fall when planning for project and training tasking. Plan to assign each Battalion a homeport TOA should alleviate this problem.

KEYWORD: DET ANDROS

ITEM: Communication between AUTEK and Det Andros

DISCUSSION: Most pre-deployment communication between AUTEK and the Det was routed via NCG 2 operations. Some information was lost or misconstrued leading to confusion over scope.

LESSONS LEARNED

A-1

RECOMMENDATION: Obtain DIRLAUTH upon tasking to maximize communication.

KEYWORD: DET FT CAMPBELL

ITEM: Material Procurement

DISCUSSION: Project had been previously planned and estimated and the initial material procurement had been based off the original P&E effort. When the project was re-planned prior to execution, it was discovered that some long-lead items had been left off of the original BM, requiring an add-on to be submitted.

RECOMMENDATION: Verify material status and conduct a thorough take-off to ensure that there are no material discrepancies.

ITEM: Tool accountability

DISCUSSION: During the execution of the project, it was discovered that the det tool custodian had misplaced the tool inventory sheets obtained when checking out tools from NCG 2 CTR. Copies of inventories were requested to CTR, but not provided, limiting the Det's ability to maintain adequate accountability of tools.

RECOMMENDATION: Det leadership must inspect project files (including inventory sheets) prior to departure to ensure completeness. Keep copies in the office in addition to copies kept at job site.

ITEM: Computer assets

DISCUSSION: The Army utilizes a different network than the Navy requiring new profiles to be able to utilize local assets. Local assets did not have required Navy and Seabee-specific software.

RECOMMENDATION: For Non-Navy dets, communicate with the local communications department to coordinate accounts ahead of time. Check out standalone laptops from the Battalion COMMS shop IOT have computers with proper software.

KEYWORD: DET PANAMA CITY

ITEM: PWD Engagement

DISCUSSION: The crew was able to gain valuable training and advice from local PWD personnel ensuring project support and professional knowledge of the crewmembers.

RECOMMENDATION: Coordinate with local PWD to maximize information collaboration.

ITEM: Web Training

DISCUSSION: The crew required training to install terra walk tile as part of the sidewalk project due to the crew's inexperience with this particular system. It was cost prohibitive to bring the manufacturer to the site, so the det scheduled a Webinar with the manufacturer to accomplish the training at a much reduced cost.

RECOMMENDATION: Utilize low costs distance training as much as possible.

ITEM: Impacts of Community Engagements

DISCUSSION: After doing a COMREL project with Habitat for Humanity at Panama City, they requested additional periodic Seabee support from Gulfport, MS to work with them on future projects due to the amount of expertise and hard work the Seabees were able to bring to the project.

RECOMMENDATION: Maximize community engagement opportunities to enhance relationship and increase individual technical skill opportunities.

13. KEYWORD: DET ROMANIA

ITEM: Delay in receipt of final drawings

DISCUSSION: Official construction drawings were delivered to the Det late, compressing the time available for planning and estimating. As a result, the bill of materials were rushed, contributing to the delay in class IV material delivery.



RECOMMENDATION: As soon as tasking is identified, work closely with cognizant tasking authority to finalize prints and any scope changes as early as possible to give the P&E crew ample time to plan and start the material procurement process.

ITEM: Material Procurement Process timeliness

DISCUSSION: Due to the delay in the receipt of construction drawings, the procurement process was started late. Delay in receiving material caused the crew to have to work activities out of sequence, causing inefficiencies.

RECOMMENDATION: When contracting with DLA, focus on BM development early in the process, and start procurement as early as possible.

ITEM: Material Procurement Expertise at DLA

DISCUSSION: DLA does not always have construction specialists buying material, requiring extra work on Seabees to provide clarification of every line item. All vendors in Romania were not on cleared list to sell to the U.S. Government.

RECOMMENDATION: While the extra effort expended on the BMs did allow for less questions from the vendor, it did create extra work for the crew. Plan accordingly and provide enough time to perform the requisite market research IOT complete required BMs.

ITEM: Vendor ability to contract with US

DISCUSSION: Few vendors in Romania were cleared to sell to U.S. Government causing issues with local procurement, and forced DLA to solicit to larger companies from out of the immediate area.

RECOMMENDATION: The Seabee Det may have little control over this, so plan ahead and expect that material contracts will be given to non-local vendors, which can cause increased timelines due to shipping delays.

ITEM: Local purchase ability

DISCUSSION: With full BMs taking a long time to be procured through DLA, a way was needed to procure small, emergency items locally to prevent work stoppages. Working through TF-68, the Det was able to utilize TF-68's credit card to make small local purchases through the local BOS contractor (who was able to accept GOVCC). No other local vendor had the ability to take a credit card.

RECOMMENDATION: Ensure this process is continued.

14. KEYWORD: DET SA

ITEM: Availability of final prints

DISCUSSION: Some projects had multiple sets of prints, leading to confusion as to correct version. Plans did not provide detailed information or coincide with exciting structures and requirements.

RECOMMENDATION: Ensure approved project prints are documented.

ITEM: Communication with Sub-Dets

DISCUSSION: As the Command Element for two sub-dets and multiple smaller missions, DET SOCAF CLDJ had limited communications to coordinate with remote locations. The issued cell phones ran out of minutes frequently and generally have poor reception. Phones were not available to issue for downrange missions impacting communications.

RECOMMENDATION: Issue world cell phones for better communication with sub-Details and provide spare phones for downrange missions.

KEYWORD: DET CAMEROON

ITEM: Payment Methods for Class IV

DISCUSSION: In remote locations, many vendors do not have the capacity to bid on and secure US government contracts, and most do not accept credit cards as a method of payment. Most vendors work on a cash-only system.

RECOMMENDATION: Utilize FOO/PA for locations that require cash based means of payment.

ITEM: Limited capability for re-supply

DISCUSSION: Due to remote nature of the deployment location, the Det was dependent on Rota for resupply of repair parts, sustenance, and general support items. Due to the long lead time required to schedule flights via TF-63, emergency resupply flights were difficult to schedule quickly, resulting in periods of degraded capability.

RECOMMENDATION: Validate resupply requirements early in deployment, and create a schedule for resupply flights from Rota. Continue to push supplies from Rota to stay ahead of potential problems. Make sure requirements for sending supplies are fulfilled ahead of time, i.e. hazmat clearances.

ITEM: Mail delivery to remote sites

DISCUSSION: Det Cameroon did not have its own FPO address, so mail was sent to Rota with the intent to package and ship all mail to the Det. Due to a problem with the address provided, the mail sent to the Det Cameroon address was held up in Miami for two months, and did not get sent to Rota until the Battalion investigated.

RECOMMENDATION: Validate all mailing addresses prior to deployment, and coordinate with Mail POs to watch for any issues regarding mail delivery.

KEYWORD: DET NIGER

ITEM: Material Procurement

DISCUSSION: The Det utilized local vendors to purchase material; however, some vendors were later identified to having some affiliations with questionable entities and were over-charging for items.

RECOMMENDATION: Request Embassies to vet and create a list of all creditable vendors in all AOs where future high security projects might occur (i.e. Agadez, Burkina Faso, Mauritania, Drikou).

ITEM: SOCAF Reporting Requirements

DISCUSSION: At the start of deployment, reporting requirements to SOCAF were not clear, creating last-minute submissions or rework.

RECOMMENDATION: SOCAF LNO develop a reports matrix and templates to aid in the flow of information from units down range. Set expectations at the start of deployment.

15. KEYWORD: 3M

ITEM: Software

DISCUSSION: 3M essential programs were not up to date and not installed on work centers.

RECOMMENDATION: Ensure that all essential 3M software programs (SKED/NTCSS) are updated with most recent versions and are installed at every work station.

ITEM: SKED Validations

DISCUSSION: Not all Equipment in TOA inputted into SKED.

RECOMMENDATION: Ensure all equipment on site requiring maintenance is input into SKED and verified before and during BEEP.

ITEM: OMMS-NG Equipment Validations

DISCUSSION: Equipment Validations are not up-to-date.

RECOMMENDATION: Generate and conduct equipment validations in each work center with UIC 69407. NECC/ISIC needs to provide guidance for this process for continuity within the NCF.

ITEM: NTCSS software

DISCUSSION: NTCSS software did not migrate with the Windows 7 upgrade.

RECOMMENDATION: NTCSS (with Rota Specific Patriot load) needs to be added to the allowed software within ONE NET to eliminate work stoppages with computer upgrades.



16. KEYWORD: PUBLIC AFFAIRS

ITEM: Release Authority

DISCUSSION: All media produced by the Battalion has to be released by an approving authority prior to dissemination to external outlets. The authority that approves of these releases can vary depending on the detail/detachment location in which the media was produced. Identifying the proper approving authorities and obtaining contact information can be difficult.

RECOMMENDATION: Obtain contact information for approving authorities from the off-going Battalion. Make contact with each authority and obtain their Public Affairs Guidance (PAG) document. Pass contact information and applicable PAGs to on-coming Battalion.





APPENDIX II

DEPLOYMENT JOURNAL

January 2014

06 JAN: EUCOM AP Departed Gulfport, MS for deployment to Rota, Spain
07 JAN: AFRICOM Departed Gulfport, MS for deployment to the Horn of Africa, Cameroon, and Niger
09 JAN: Det CENTCOM Departed Gulfport, MS for deployment to Bahrain
11 JAN: DET CENTCOM commenced construction of 90'x195' TFS (Phase II) at Mina Salam Pier
15 JAN: EUCOM MB Departed Gulfport, MS for deployment to Rota, Spain
16 JAN: RIP/TOA completed with NMCB 11
25 JAN: SA Mission to Entebbe, Uganda
27 JAN: DET EUCOM commenced block removal and shore stabilization at NS Rota, Spain
28 JAN: DET EUCOM constructed targets ISO PHIBLEX 14
31 JAN: DET Niger completed installation of the LAMS Hanger door at Niamey, Niger

February 2014

01 FEB: SA Mission to Entebbe Complete
03-11 FEB: SA Mission to South Sudan
03 FEB: DET Niger personnel transit from Camp Lemonnier, Djibouti to Niamey, Niger
04 FEB: DET FT Campbell AP departed Gulfport, MS for deployment to FT Campbell, KY
04 FEB: DET HOA commenced construction of the Kalaf Medical Clinic at Kalaf, Djibouti
06 FEB: DET EUCOM Conducted ECC Exercise
06-20 FEB: DET CENTCOM completed ATFP Barrier Upgrades, Isa Airbase, Bahrain
07 FEB: DET CENTCOM Conducted ADR Exercise
08 FEB: DET FT Campbell departed Gulfport, MS for deployment to FT Campbell, KY
09 FEB: DET FT Campbell commenced construction of obstacle courses
11 FEB: SA Mission to South Sudan complete, crew transition to Central African Republic
12-14 FEB: DET EUCOM Conducted 48 hour mount-out exercise
13-18 FEB: DET CENTCOM deployed crew to Oman to provide QA support.
14-24 FEB: DET Romania Departed Rota, Spain for deployment to Deveselu, Romania
18 FEB: DET EUCOM commenced project to install handrails at NS Rota NEX
18 FEB: DET EUCOM commenced project to parking pavers at NS Rota
19-21 FEB: DET NORTHCOM Conducted 48 hour mount-out exercise
23 FEB-1MAR: DET CENTCOM attended Exercise Eager Lion planning conference
24 FEB: C6F visit to Camp Mitchell, Rota, Spain
26 FEB: CTF 68 Conference in Valencia for Exercise Liza Azul
26 FEB: DET Romania commenced Aegis Ashore Security Forces Camp at Deveselu Airbase
28 FEB: DET CENTCOM commenced Transportation Yard Fence Project, Isa Airbase, Bahrain

March 2014

03 MAR: DET Panama City Departed Gulfport, MS
03 MAR: DET EUCOM commenced construction of Flight Line Fence, NS Rota, Spain
03-07 MAR: DET CENTCOM provided engineering support to MARCENT Operating location
04 MAR: DET Cameroon deployed 2 personnel to Maroua for duration of deployment to provide local engineering support.
04 MAR: DET EUCOM commenced construction of perimeter road fence upgrades at NS Rota
04 MAR: DET Panama City commenced renovation of Marina Restrooms at NSA Panama City, FL
06 MAR: DET CENTCOM commenced construction of 50'x200' sunshade at Mina Salam Pier
07 MAR: Seabee Ball, Rota, Spain
08 MAR: SA Mission to CAR complete
09 MAR: DET CENTCOM completed construction of 90'x195' TFS (Phase II) at Mina Salam Pier
09-15 MAR: SA Mission to support PDSS in Mauratina
11-24 MAR: DET EUCOM completed project to remove Camp Mitchell Galley Equipment
12 MAR: Det Panama City commenced construction of sidewalks at NSA Panama City, FL
17-21 MAR: SA Mission to perform electrical inspections, Entebbe, Uganda

17-27 MAR: All Dets conducted Operational Readiness Inspection with HHQ
 18 MAR: DET EUCOM completed project to parking pavers at NS Rota
 26 MAR: DET Israel Departed Rota, Spain for deployment to Israel
 26 MAR: DET CENTCOM Commenced construction of 80'x90' TFS at Isa Airbase, Bahrain
 27 MAR: DET FT Campbell completed construction of obstacle courses
 28 MAR: DET EUCOM completed project to install handrails at NS Rota NEX
 29 MAR: DET HOA commenced construction of the LSA at Chabelley Airfield, Djibouti
 30 MAR: DET SA completed construction of the Sierra Hotel project at CLDJ
 31 MAR: DET Andros Departed Gulfport, MS for deployment to Andros, Bahamas

April 2014

02 APR: DET Fort Campbell returned to Gulfport, MS
 02 APR: DET CENTCOM completed Transportation Yard Fence Project, Isa Airbase, Bahrain
 02 APR: DET EUCOM Commenced NS Rota Fire Break project
 02 APR: DET Andros commenced construction of sidewalks at Andros, Bahamas
 02 APR: DET Andros commenced repair of shingle roofs at Andros, Bahamas
 05 APR: Battalion conducted E4/E5/E6 exams
 06 APR: DET Moron Departed Rota, Spain for deployment to Moron Airbase, Spain
 07-10 APR: Battalion conducted BCA
 08 APR: DET EUCOM Conducted ECC Exercise
 08-11 APR: DET Niger conducted site survey, Burkina Faso
 08-16 APR: DET SA Mission to Dungu to perform electrical upgrades
 08-25 APR: DET Moron conducted demolition and expansion of concrete pad at Moron Airbase, Spain
 12-XX APR: DET CENTCOM QA mission to Oman
 14-18 APR: Battalion conducted PRT
 14-19 APR: NMCB 133 Conducted PDSS to NMCB 74 deployed locations
 15 APR: DET CENTCOM personnel deploy to Jordan for Exercise Eager Lion
 15 APR: DET Moron Commenced construction of a Communications Office at Moron Airbase, Spain
 16 APR: DET EUCOM commenced project to repair Air Terminal Gazebo
 17APR-24MAY: DET SA Mission to Entebbe to perform electrical upgrades
 21-24 APR: DET NORTHCOM Conducted MIL-Block Training
 22 APR: Deployed SA LNO to Stuttgart, Germany
 23 APR: DET PC Conducted PFA
 23APR-08MAY: DET SA deploy 2 pax to Manda Bay to conduct facility upgrades
 24 APR: DET CENTCOM completed construction of 50'x200' sunshade at Mina Salam Pier
 28-30 APR: DET EUCOM Conducted Mil-Block Training

May 2014

02 MAY: DET NORTHCOM Completed move to Building 342
 05 MAY: DET EUCOM completed construction of perimeter road fence upgrades at NS Rota
 05-06 MAY: DET NORTHCOM Junior Officer's Conference
 05-27 MAY: DET Moron constructed concrete pad for Moron Airbase NEX
 07-11 MAY: DET Niger mission to Arlit to perform facility upgrades
 09 MAY: DET Andros completed repair of shingle roofs at Andros, Bahamas
 10 MAY: DET EUCOM Completed NS Rota Fire Break project
 10 MAY: DET Panama City completed renovation of Marina Restrooms at NSA Panama City, FL
 12 MAY: DET Niger commenced renovation of the ERF warehouse, Niamey, Niger
 12-16 MAY: DET NORTHCOM Completed Sexual Assault Victim Advocate Training
 12-16 MAY: DET EUCOM Completed CMEO Training
 14 MAY: DET Moron AP Returned to Rota, Spain
 14-21 MAY: DET NORTHCOM conducted road repair at Woolmarket Range, MS
 21-30 MAY: DET Niger mission to Dirkou to perform camp setup

21 MAY: DET Andros completed construction of sidewalks at Andros, Bahamas
25 JUN: DET NORTHCOM completed construction of the Tech Trainer Admin Building
27 MAY: DET Moron Completed construction of a Communications Office at Moron Airbase, Spain
27 MAY: DET Moron MB and Line Haul return to Rota, Spain
27 MAY: DET EUCOM completed block removal and shore stabilization at NS Rota, Spain
30 MAY: Det Panama City completed construction of sidewalks at NSA Panama City, FL

June 2014

01 JUN: DET Andros Returned to Gulfport
02 JUN: DET HOA completed construction of the MLO PEB at CLDJ
03 JUN: DET Panama City Returned to Gulfport
06 JUN: DET EUCOM completed project to repair Air Terminal Gazebo
09 JUN: DET EUCOM completed construction of Flight Line Fence, NS Rota, Spain
09-13 JUN: DET EUCOM Conducted DAPA Training
05 JUN: DET Israel Returned to Rota, Spain
05-10 JUN: DET CENTCOM Completed Exercise Eager Lion and returned to Bahrain
11 JUN: DET Cameroon completed Operational Multi-Use (OMU) facility in Limbe, Cameroon.
11-13 JUN: DET CENTCOM performed PDSS to UAE
12-13 JUN: DET CENTCOM AP redeployed to Gulfport, MS
18 JUN: DET EUCOM AP Flight redeployed to Gulfport
19 JUN: DET Cameroon / Niger completed RIP/TOA with NMCB 133
20 JUN: DET Cameroon / Niger redeployed to Rota, Spain
20 JUN: DET HOA completed construction of the LSA at Chabelley Airfield, Djibouti
22 JUN: DET CENTCOM completed RIP/TOA with NMCB 133
22 JUN: DET CENTCOM MB redeployed to Gulfport, MS
23 JUN: DET SA completed RIP/TOA with NMCB 133
24 JUN: DET HOA completed RIP/TOA with NMCB 133
24 JUN: NMCB 74 completed RIP/TOA with NMCB 133
25 JUN: SA LNO in Stuttgart returned to Gulfport, MS
25 JUN: DET NORTHCOM completed construction of MWR Bridges project
26 JUN: DET HOA / SA / EUCOM MB redeployed to Gulfport, MS

July 2014

07 JUL: NMCB 74 conducted reorganization into homeport organization
09 JUL: DET Romania completed RIP/TOA with NMCB 133
10 JUL: DET Romania redeployed to Gulfport, MS
18 JUL: NMCB 74 conducted welcome home picnic and deployment awards ceremony