



Volume 7

February 2014

Issue 1

Engineers,

As we look back at 2013, I am amazed by the contributions you made in service to our Nation! YOU ended the year by providing a significant difference in helping to meet our obligations both in the operating force as well as across the DOTMLPF spectrum. As a result of these efforts, the Marine Corps Engineer Association has already sent out the calling message to recognize our best and brightest warriors. Likewise, welcome to 2014 and all the challenges it will present! Together, engineers will shine again as a combat support and combat service support multiplier to the MAGTF. This next year we will once again prove our worth and our role performing a variety of tasks under combat conditions, during exercises, in support of security cooperation missions or in multiple other capacities we often find ourselves executing.

Over the next 3 to 5 years you will face continued scrutiny on how you spend your budgets while simultaneously fine tuning the 175k force structure decision across the engineer community. Countless discussions will center around various topics like: consolidated MEF engineer sections; EOD organization; Aviation Ground Support and structure; equipment counts and operator/maintainer ratios; advocacy and proponents; engineer training and joint training venues, institutionalized Counter-Improvised Explosive Devise (C-IED) training; LCE organizational structure and equipment for the future, etc. Confidently, I think collectively and unselfishly the right decisions will be made with the best interest of the Corps and Nation in mind. Furthermore, I have the utmost confidence as people transition this summer the changes will be transparent and our engineer units and priorities will be attended to with the same if not more hard work and care.

While many will be investing time and treasure in meeting our Marines Corps' operational demands, YOUR Marine Corps Engineer School (MCES) will continue on with the dignified effort of producing highly trained Marines and well

prepared leaders! Our instructors and support personnel will remain steadfast in their mission - committed to sending the operational forces "ready" MAGTF engineers. I will depart as the Commanding Officer of the Engineer School in early July while Col Scott Baldwin will take the helm and continue to train Marines and develop leaders!

Lastly, I would like to remember our engineers forward deployed throughout the globe supporting combat operations, security cooperation, exercises and daily training. Your sacrifices remind me that our freedom has a cost. You always make a difference with your dedication, selfless sacrifice and willingness to do our nation's labor where directed. May you be protected during your duties and may you continue to impress upon those we support our repute of excellence.

Semper Fi,
Colonel J. J. Johnson
Commanding Officer, Marine Corps Engineer School

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1. Freedom of Movement

Engineers do Bridging

MGySgt Jeffrey T. Griffin
Engineer Chief, 1st Marine Division

Freedom of Movement has always been a priority for all battle field commanders. For Military Engineers that doesn't just mean route and obstacle clearing, but military bridges as well. Bridging, like in the past, will always play a vital role in the future on any battle field. Military Engineers were constructing bridges on the battlefield as far back as Xerxes' 2 mile (3k) span over the Hellespont. The Romans built more durable military bridges, like the famous Julius Caesar's timber crossing of the Rhine River.

The Marine Corps will continue to provide the commanders with this support. The way they plan to do this is to train constantly in every aspect in military bridging. The lessons learned from the past 12 years at war will be brought forward and the Marines build and improve those methods. Even now with ongoing deployments to Afghanistan, the Marines are constantly improving their Military Bridging Operations.

Medium Girder Bridge:

The Medium Girder Bridge is the most commonly used bridging asset in the Marine Corps. It can be employed over a dry or wet gap up to 154 feet wide.



Non-standard Bridging:



Developed by the Navy Seabees out of necessity in Afghanistan, the Non Standard Bridge (NSB) has become an essential mobility asset for Marine Combat Engineers. A nonstandard bridge can be built utilizing host nation materials and can be tailored to fit most dry and wet gaps throughout a battle space.

Improved Ribbon Bridge (IRB) Raft:

Combat Engineers with 7th Engineer Support Battalion conduct longitudinal rafting with a seven bay IRB Raft is maneuvered by two Bridge Erection Boats (BEB). In this configuration the raft is capable of hold a 140 military load classification (MLC) or 140 tons of equipment or vehicles.



Foot Mobile Assault Bridge:

The Foot Mobile Assault Bridge is a lightweight aluminum alloy, hand-carried and assembled bridge that can be used to provide a safe, discrete and distinct crossing specifically for dismounted personnel.

The Marine Corps also has a heavy lift air delivery capability that really makes freedom of movement on the battlefield a "Force Multiplier".

Air Delivery Method MGB:

The Medium Girder Bridge (MGB) is a well-known asset on the battlefield; however, its employment via air delivery is a little more unique. In May 2013, Bridge Company, 7th ESB executed a successful 5-Bay Double Story MGB air delivery operation.





Air Delivery Method IRB:

The Improved Ribbon Bridge (IRB), used minimally in Iraq and Afghanistan, can be used for various water operations including humanitarian assistance. IRBs can be employed in two different configurations, IRB continuous span bridge and the IRB Raft. In July 2013, Bridge Company, 7th ESB executed a successful 5-Bay raft via air delivery operations.

7th ESB key players in this bridging work:

1st Lt Corey Goodwin (Plt. Commander)

1st Lt Antony Molnar (Plt. Commander)

MSgt Jamie Harris (Ops Chief)

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2. 9th ESB Demolishes Safety Hazard

9th ESB demolishes safety hazard

By Lance Cpl. Anne K. Henry | Marine Corps Installations Pacific | August 29, 2013

CAMP HANSEN, OKINAWA, Japan -- Marines with 9th Engineer Support Battalion worked tirelessly to deconstruct two buildings previously used to store M777A2 howitzer artillery pieces for the 12th Marine Regiment Aug. 9-30 at Camp Hansen.

Before the deconstruction process began, it was determined that the buildings were no longer sturdy enough to withstand the harsh weather on Okinawa. Their dilapidated state posed a threat to the security of the howitzers previously stored inside, according to Staff Sgt. Christian J. Keyser, a heavy-equipment operator with the unit. The buildings had to be demolished, to eliminate danger to personnel and property.

The deconstruction also provided a training opportunity for the combat engineers, according to 1st Lt. David A. Padgett, the officer in charge on the project.

"The Marines are getting to see how the building was constructed," said Padgett. "They also get to learn their trade as combat engineers by deconstructing it piece by piece."

The buildings were demolished in a methodical manner with the combat engineers cutting through materials and removing bolts and roof panels one by one, according to Sgt. Joseph W. Manning, a combat engineer with the unit. It was critical for the buildings to be deconstructed in such a meticulous way to ensure a safe working environment for the Marines involved with the project.

"We started this process by deconstructing the roof," said Manning. "On projects such as this, we always want to start from the top of the building and work our way down for safety purposes."

The task of demolishing the two weather-worn buildings required hard work and hours of labor from the Marines working on the site, according to Manning.

In the end, the Marines of 9th ESB received valuable hands-on, real-world training they can use in the future when constructing weather-resistant, permanent facilities for howitzers.

“The Marines have worked very hard and gotten a lot done in a very short period of time,” said Keyser. “Everyone worked together really well to accomplish the mission.”

The 9th Engineer Support Bn. is part of 3rd Marine Logistics Group, III Marine Expeditionary Force.

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3. 9th ESB Marines Remove Wall Near Torii Station

9th ESB Marines remove wall near Torii Station

By Lance Cpl. Jose Lujano, III Marine Expeditionary Force, Marine Corps Installations Pacific

TORII STATION, Okinawa - The knocking of diesel engines, the smell of dirt and the crash of rocks resounded in the area as the team of combat engineers finished the work that could one day save lives.

Service members with 9th Engineer Support Battalion removed a 60-meter-long wall near U.S. Army Garrison Torii Station's main gate July 8-12.

“The Yomitan Village requested the removal of the rock wall that had been in place for nearly fifty years because it was creating a traffic hazard that could obstruct the evacuation of people during emergencies and emergency drills,” said Command Sgt. Maj. Kevin P. Nolan of Torii Station. The station requested the assistance of 9th ESB after establishing that the work would have fallen beyond the capabilities of the units present at Torii Station, according to Nolan.



The clearing of the evacuation route strengthened bonds with residents of the area by demonstrating the willingness of service members to listen to and work with the community.

“The local community was very pleased to hear that the Marines were involved in helping remove the wall,” said Yumiko Uchima, the community relations specialist with the station. “Not only have the community members appreciated the Marines hard work, but the local community leaders and officials have recognized this too.”



The project allowed the Marines to gain experience in an area of their military occupational specialty that they do not routinely exercise.

“Normally, the Marines work on field-expedient jobs, but this project was oriented toward a detailed finished product,” said Staff Sgt. Christian J.

Keyser, the project site manager with 9th ESB. “This requires them to focus on careful and deliberate work due to the close proximity of Japanese property.”

The Marines have excelled at the task at hand and have been ahead of schedule since the project began, according to Keyser.

“It is not just about the work but being good ambassadors,” said Keyser. “We should never stop helping our neighbors and community.”

One way the command at Torii Station expressed its appreciation for the Marines’ work and the resulting effect of bringing together both the community and the different branches of service was by taking the Marines in for the length of the project.

“The least we could do to show our appreciation for these young Marines and sailor was to take care of them by housing and feeding them, refueling their equipment, and allowing them access to the facilities at the station,” said Nolan. “I’ve been deployed numerous times and here is my philosophy; it doesn’t matter what (nationality) somebody is or what uniform they wear because at the end of the day we are all brothers and sisters in arms.”

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4. LtCol Jeffrey Miller Retires

By Mr. Michael Boyd



A retirement ceremony was held 8 January 2014 for LtCol Jeff (Doc) Miller as he transitioned from active duty to the retired list in the Pentagon. He was presented the Legion of Merit by Colonel Phillip Frieze, Branch Head, LPE, for his four years of duty as the Commanding Officer, Engineer Training Battalion and the Director, MAGTF Engineer Center, notably establishing the Counter-IED training and setting the conditions to provide counter-IED training to over 100,000 Marines over the past four years. Overall, he had a wide-ranging impact on the Marine Corps and Joint Engineer community across his 23 years of Marine Corps Service as his innovative thinking and leadership were responsible for the development of many new training and operational force initiatives.

Rich Smith, Deputy MCES and Mr Greg Simpson attended on behalf of the MCES Commander. MCES bids him a fond farewell as he has begun a second career with deployed United Nations Missions.

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5. 1st Marine Division Engineer Chief's Corner

Real Engineer

By MGySgt J. T. Griffin, Engineer Chief, 1st Marine Division

I always get the comment from someone about being a real engineer. What is a real engineer really? There are Licensed Engineers, Professional Engineers (PE), Systems Engineers and all the way to Military Engineers. All have a diverse skill set and varied levels of education. There's a broad scope of work spread throughout the engineer community, but somehow conducted by the same group of engineers. This is where the "Jack of All Trades" comes in. A professional has some things that they must follow;

1. Demonstrate expert knowledge within their field.
2. Engage in lifelong learning to maintain their expertise in engineering.
3. Take ownership of assigned task.
4. Maintain legitimacy in the eyes of the customer.

I would argue to say that our Officers and SNCOs must meet these same standards of professionalism. You could also say that more is at stake than just reputation when working in a combat environment.

While in Afghanistan, there was a large washout right off of Highway 1. This road was vital to a great



number of units in the area. The engineer section from the CLB was assigned the task of repairing it. At the time it was not known to RCSW Engineers what the road looked like, or the extent of its damage. In walked the CLB's Engineer Chief, a GySgt. He had with him his HE Officer and Chief and his Company Commander. He had conducted a site recon, had plans drawn up, pictures of the site and a proposed work schedule. Their engineer staff had also worked out the security plan and logistics to get gear in and out. All they needed from the RCSW Engineers was a blessing and support. To me, that's a true professional engineer. He had done everything that is expected of a true professional and then some.

So I don't like the phrase "Jack of all Trades, Master of None". It doesn't paint the proper picture of the capabilities that our community brings. There are a lot of trades that have to be known, but there's a mastering of skill sets that goes along with it all. The "Real Engineer" is the Engineers conducting the orchestra of work in the middle of a battlefield. This is true engineering at its finest and there are no truer professionals.

"We have every opportunity to prove ourselves great."

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6. Congratulations to CWO5 Michael Neill

Congratulations to CWO5 Michael D. Neill on his promotion to current rank 01 Jan 2014. He is the Petroleum Officer (1390) for MARFORPAC.

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7. EOD Marines Reconstruct Blast Sites

By Lance Cpl. Anne Henry, III Marine Expeditionary Force, Marine Corps Installations Pacific

CAMP SCHWAB, Okinawa - The ground shakes from the blast of a simulated improvised explosive device detonating in the distance. The shout of "seven seconds" is cried out and another blast shakes the terrain.

These sounds rang out as Marines with 3rd Explosive Ordnance Disposal Company trained to enhance their knowledge of post-blast analysis and site survey techniques June 26 at Range 10 on Camp Schwab.

Subject-matter experts led the training for the Marines of 9th Engineer Support Battalion, 3rd Marine Logistics Group, III Marine Expeditionary Force.

With IEDs commonplace in current warfare, it is critical that the Marines learn the skills necessary to mitigate their effect, according to Staff Sgt. Clayton J. Rue, a team leader with 3rd EOD Co.

"This course educates service members about post-blast analysis and site surveys after an IED detonation," said Rue. "We will be taking explosives out, detonating them, and sending teams out to identify what happened."



To achieve the most realistic setting, instructors used a variety of explosives and did not inform the Marines as to which explosive compound was detonated.

"When the teams get out there, they will analyze the fragmentation and components of the blast," said Rue. "They will then be able to put the pieces back together to see what kind of explosive compound caused the blast."

Multiple explosives were detonated in order to give the Marines a broader understanding of the many types of IEDs that an enemy could use, according to Staff Sgt. Joshua D. McKean, a team leader with 3rd EOD Co.

This allowed the Marines to build a mental image of the effects on the surrounding environment.

"The Marines will be able to learn traits the explosives have by observing burn patterns on the ground and seeing how much dirt was displaced," said McKean. "One of the biggest parts of our job is using explosives. The other portion of it is figuring out the type and cause of explosions."

The Marines left the training confident that the skills they gained will help with accomplishing their mission and saving lives, according to Rue.

"From this training the Marines will be able to take away skills that can be applied to any environment," said Rue. "This helps us do more than just identify explosives; it allows us to mitigate them in the future."

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8. US and Mongolian Engineers Team Up

Mongolian, US engineers team up to renovate school

By Sgt. Ben Eberle, U.S. Marine Corps Forces, Pacific

NALAIKH DISTRICT, Ulaanbaatar, Mongolia – Despite the generally arid climate in Mongolia's steppe, rain poses a significant threat to a high school here. A multinational team of engineers and construction specialists are working to solve that problem during exercise Khaan Quest 2013.



Marines with 9th Engineer Support Battalion, 3rd Marine Logistics Group, and soldiers from 96th Troop Command, Washington Army National Guard, have teamed up with the Mongolian Armed Force's 017 Construction Regiment to renovate Erdmin Oyun High School, kicking off the project, July 20.

Cracks in the roof and walls have caused leaks into the school's classrooms and gymnasium and are starting to compromise the structural integrity of the building.

"The water is filling the cracks," said Army Master Sgt. Andrew Haas, site foreman and operations sergeant with 96th Troops

Command. "In the winter this water freezes and expands which is causing the wall to break away.

"The roof is getting fixed, the application of the emulsion to the walls will keep rain from getting into the side of the building, and the new windows will help keep water from getting inside," Haas added. "All three together will slow down the decay of the wall and prolong the life of the building."

The team is also building a wheelchair-accessible ramp at the front entrance of the school.



"This project is very important, especially for the local people," said MAF 1st Lt. Tumurbataar Tulga, training officer for 017 Construction Regiment and Mongolian officer-in-charge at the site. "It's even better because it gives (our militaries) an opportunity to share our knowledge and learn how to incorporate our expertise."



1st Lt. Matthew Elliott, a platoon commander with 9th ESB and OIC of U.S. forces, has confidence that his Marines will not only play a large part in completing the mission, but that they will also learn from the experience during this year's Khaan Quest exercise.

"The (MAF engineers') work ethic is great, they come out here and they start working right off the bat," said Elliott. "They do things differently out here ... and the way they design their roofs is something we've never seen before."

"Our precision will probably be impressed on them a little bit, and we're definitely picking up some things from them ... they can make things work without the most state-of-the-art tools," said

Lance Cpl. John M. Toniolo, a combat engineer with Alpha Company, 9th ESB. "We should both take away a lot from this."

Exposure to different tactics, techniques and procedures provides a valuable training benefit to the exercise participants, but it will also leave a lasting impression on the surrounding community.

"I see kids walking around here, and I know that I'm not just impacting the Mongolian Armed Forces," said Toniolo. "This is something that the local community needs to use, and they'll use it every day."

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9. Marine Corps Engineer Association

Letter from the Executive Director

We wanted to let you know that our Association continues to pray for all of you, especially those forward deployed.

For some, this may be the first time you've heard that we have a Marine Corps Engineer Association. If so, please allow me to explain that we have over 900 members, active/reserve duty, veterans and retirees from pre WW II and on, civilian personnel as well as corporate sponsors. Currently, 14% of our members are active/reserve duty Marines and Seabees.

We had our most recent reunion/Awards banquet in Sept in Orlando, Florida. For those of you in attendance, you saw and heard firsthand about the recipients of the annual awards and the heroism involved in all their citations. In conjunction with HQMC, we annually present 18 individual awards and 4 unit awards. The pics and article are posted to our website at: www.MarCorEngAsn.org

For those who want to learn more about our association, please check out the website and the attached fact sheet. We are growing in numbers, re-connecting with our lost members & perhaps more importantly, we have established a Special Fund to be utilized for financial support of eligible personnel and/or their Next of Kin. We're proud to announce that we have awarded over \$7000 in financial assistance to MCEA members, Marines, and their families.

I ask that all of you ensure that your personnel are aware of the association, our Assistance Fund and that we are always looking for members and input on how we can better support all concerned. I'd encourage all of you and your Marines to use our forum areas on our website as well as the capabilities to upload your pictures and documents, post announcements & resumes, and interact with the rest of the Marine Corps engineer brotherhood.

We're all very excited about getting closer to seeing the engineer monument installed and this enormous project coming to a close. A project that so many have been involved with and supported and well worth all the effort!

We most definitely would appreciate your support of our monument project. I've attached our flyer to make it easy for you to share, but please let me know if you need more information.

Additionally, we continue to offer our active/reserve personnel a 50% discount on MCEA membership. The attached membership document has all the details.

Your sacrifices and continued service to GOD, Country, Corps & family are never in vain! We thank you for what you've already accomplished and what you've yet to do!

Please stay safe; enjoy the holiday season; and know that each of us will continue to keep you in our thoughts & prayers.

If MCEA or I can be of any assistance, don't hesitate to contact me.

GOD BLESS & SEMPER FIDELIS,
KEN FRANTZ COL USMC (RET)
EXECUTIVE DIRECTOR, MCEA
WWW.MARCORENGASN.ORG
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10. Marine Corps Engineer Association, Engineer Monument Dedication

Engineers Up!

Our Marine Corps Engineer Association Monument is in the final stages of completion and plans are being finalized for the 14 May, 2014 dedication ceremony.



Your Marine Corps Engineer Association leadership is working with the Marine Corps Heritage Foundation (MCHF) to procure engraved bricks to surround our MCEA Engineer Monument in Semper Fidelis Memorial Park overlooking the Museum's awesome structure.

For a tax deductible donation of \$300, your name, or that of someone you wish to honor or remember, will be engraved on a brick. MCEA will solicit contributors to purchase brick(s) at the standard rate of \$300/brick. There is no discount for multiple purchases. Once MCEA has met our minimum order of



35 bricks, we'll send one check to MCHF @\$210/brick and MCEA retains the \$90/brick, which will be applied to both the Monument Fund and our Fellows Program. We also will provide one excel spreadsheet with all required information for each brick to be engraved.

MCHF individual brick purchase program:

Your engraved brick will affirm for posterity your Esprit de Corps with the men and women who risk their lives for the freedom we value. And your gift will help the National Museum of the Marine Corps preserve Corps history and heritage, and forever attest to the honor, courage, and commitment that embody America's "first to fight."

For each \$300 gift, you will receive a special Certificate of Registration recognizing your contribution and confirming the inscription(s) you have submitted as they will appear on the engraved brick(s). Your name will be included in the dedication program, providing your purchase is completed prior to 15 April, 2014. Purchases made after 20 Jan, 2014, are not guaranteed to have their brick in place for the 14 May, 2014 dedication ceremony. All brick purchasers will have their name added to our MCEA website's donor list.

Space for our unique MCEA bricks surrounding our monument is limited to 502, and they will be installed in the order in which purchases are received. So please place your order immediately to add to our engineer history!

Additional Information

Each line is 20 characters in length; each brick can contain a total of up to three lines. **A character includes all letters, punctuations and spaces.** Each line must end with a full word or name (words and names will not be hyphenated and continued on the next line.) You may purchase as many bricks as you like. Bricks purchased separately may not be sited next to one another. You will receive a proof copy of your inscription before it is engraved into the brick.

If you'd like to use your PayPal account or credit card, go to our MCEA website and click on the DONATE button:

<http://www.marcorengasn.org/modules/Monument/index.htm>

Complete the order form and email as attachment to Ken Frantz.

Or, fill in the required information on the form and mail, along with your check made payable to MCEA (annotate in the memo line: bricks) and mail to:

MCEA
807 Carriage Hills Blvd
Conroe, TX 77384

REMEMBER: We must get 35 orders AND order forms and payment must be received by 20 Jan 2014 to ensure bricks are in place for our 14 May, 2014 dedication ceremony. **Don't miss out on this unique opportunity!**

The Holiday Inn Quantico Center, located at 3901 Fettle Park Drive, Dumfries, Virginia 22026 (exit 152B off of I-95) is our hotel for the **Engineer Monument Dedication gathering**. Group room rates are \$99 (available 10-17 May) call the hotel direct at 703-441-9001 or central reservations office at 1-800-holiday to make your room reservation. Room reservations can also be made on the website: www.holidayinn.com. Enter group code: MCE. Based on your feedback to our survey, 40 rooms have been reserved. Room cut-off date is 13 April 2014.

Mandatory pre-registration is required for all events!

Tuesday night reception 13 May, 1900-2200: Holiday Inn meeting room: \$20 fee! Cash bar, heavy Hor D'Oeuvres. Welcome aboard packets and monument mementos will be distributed to qualified donors. Business casual attire.

Wednesday, 14 May, 0900: Group transportation departs hotel and National Museum of OUR Marine Corps (NMMC) opens. Minimum of 15 passengers required to reserve the bus; cost is \$30. Bus will drop off at the NMMC for individual tour then you can walk or take our bus to the Chapel. Upon completion of the dedication ceremonies, the bus will carry you to the Globe & Laurel Restaurant for our luncheon and then back to the hotel. For those not attending the luncheon, the bus will take you to the hotel once others are dropped off at the Globe & Laurel. Business casual attire.

Wednesday, 14 May, Dedication Ceremony 1000-1200: NMMC Chapel will open at 0945. All attendees are requested to be seated no later than 0950. Parking is limited to 22 spaces. It is requested these places be available to our handicapped and older members. The remaining personnel can use the main Museum parking lot. There is seating for 90 and standing room for 50 more. Upon completion of the chapel program, we'll walk to the Engineer Monument for wreath laying, comments, pictures, and benediction. Monument mementos will be distributed to qualified donors. No event fee, but pre-registration is mandatory in order to ensure we have adequate space and programs. Business casual attire; Service "C" uniform.

Wednesday, 14 May, Globe & Laurel luncheon: 1200-1330: \$30 fee provides two entrée buffet (Beef tips over mashed potatoes; Chicken parmesan over pasta, green beans almandine, dessert, hot & cold drinks plus cash bar). Pre-registration by 1 May is mandatory in order to provide final head count for seating and food. Business casual attire.

Wednesday night reception, 14 May, 1900-2200: Holiday Inn meeting room: \$15 fee for light Hor D'Oeuvres plus cash bar. Final opportunity for this unique gathering! Monument mementos will be distributed to those donors who have yet to receive their packets. Business casual attire.

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11. MCEA Information:



MARINE CORPS ENGINEER ASSOCIATION

What is it? The MCEA is a HQMC sanctioned, tax-exempt, nonprofit organization (IRS 501 (c) (19)), incorporated in NC, in 1991.

MCEA Purpose/Bylaw highlights:

- Promote Marine Corps engineering in combat engineer, engineer equipment, utilities, landing support (shore party), bulk fuel, topographic and construction engineering, drafting, and Explosive Ordnance Disposal (EOD)
- Renew and perpetuate fellowship of retired, former and current US Marines who served with Marine Corps Engineer units and sister service members who served in support of Marine-Air-Ground Task Force (MAGTF) Units
- Preserve the memory of those who served
- Promote an accurate historical record of the contributions of Marine Corps engineers
- Foster solidarity of Marine Corps engineers
- Keep members current with the Marine Corps engineer community
- Annually recognize superior achievement of active duty and reserve establishment Marine Corps EOD and engineer individuals & organizations, as well as Naval Construction Force Units
- Provide Financial Assistance to Marines, their next of kin or other deserving personnel

MCEA Eligibility. All former and current Armed Forces personnel who served with Marine Corps Air Ground Task Force (MAGTF) Units or in support of Marine Corps Engineer Units or US Marine Corps Base and Station billets.

Membership Benefits:

- Very affordable dues for yearly, multi-year & lifetime membership! 100% of dues and all contributions are tax deductible.
- Contributions to MCEA, the Assistance Fund, and the Engineer Monument Fund qualify for the Fellows Program.
- Access to members' roster and capability to locate and reconnect with Marines and Sailors from former units
- Annual reunion with opportunity to interact with veterans as well as active/reserve duty personnel, corporate members and "Best of the Best" award recipients and their families
- Availability of the MCEA Financial Assistance Fund
- Subscription to MCEA newsletter
- Notification of employment opportunities especially in the DOD and civilian engineering community
- Capability to interact daily with other members via email and receive updates from MCEA
- Unlimited access to website and special "members only" section
- Access to history, lineage and other information about USMC engineer units
- Availability of unique MCEA Ship's Store items; - Discounts on Military Historical Tours, Inc
- Exclusive assistance from Ingenieur Executive Company for job and contract placement
- Special partner-association pricing on Marine Corps Association membership
- Discount prices on Society of American Military Engineers courses

MCEA Assistance Fund. Provides financial assistance to members, their NOK, or anyone who served with MAGTF Engineers. Eligibility requirements: a) served as a Marine Corps engineer or in EOD unit; or, b) military service with, or attached to, a Marine Corps engineer or EOD unit; or, are the unmarried spouse of a deceased Marine Corps Engineer; c) Provide proof of service, and/or proof of relationship; and, d) complete the Financial Assistance Application including any required documentation.

MCEA Engineer Monument Fund. Established to design and create an enduring tribute to all Marine Corps Engineers, past, present and future by erecting a monument within the Semper Fidelis Park at the National

Museum of the Marine Corps. Official dedication planned for 14 May, 2014. Personalized bricks available for purchase to be located adjacent to the Engineer Monument.

Bottom Line: MCEA provides a unique opportunity to connect or reconnect and maintain communication with Marine Corps engineers, the Marine Corps family, recognize outstanding performance of individual Marines and engineer and Seabee organizations and to leave a memorable legacy for our Marine Corps engineer brotherhood.

Reunions/Awards Banquets: Camp Lejeune, NC '92, '93, '99, '07; Camp Pendleton, CA '94, '08; Gatlinburg, TN '95; Wilmington, NC '96; Denver, CO '97; Savannah, GA '98; Quantico, VA '00, '10; Branson, MO '02, '12; Harrisburg, PA '03; Portland, OR '04; Myrtle Beach, SC '05; Boston, MA '06; Las Vegas, NV '09; San Diego, CA '11. 21st Orlando, FL Sept 25-27, 2013; 22nd-Pala, CA Oct 20-23, 2014; 23rd Lejeune area, 2015; 24th SoCal area 2016.

MCEA: WWW.MARCORENGASN.ORG

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12. Doctrine Branch, MEC, MCES

By Joe Baes

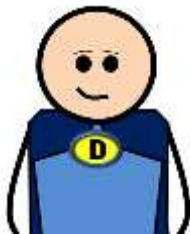
Where can I find information on doctrine?

Marine Corps Doctrine Web Site: www.doctrine.quantico.usmc.mil.

Marine Corps Engineer School Doctrine Web Site:
www.mces.marines.mil/Units/MAGTFEngineerCenter/DoctrineBranch.aspx

There are two links on the doctrine home page: Engineer Doctrine Placemat and the Doctrine Branch Update. You can find the most up to date engineer doctrine information with these links. (CAC required)

I challenge you to take the time to read one publication related to your MOS and share that information with another Marine.



"You don't have to know all the answers, just where to find them".
If you would like to keep track of the exciting news going on in the world of Doctrine Man, go to

<http://www.mces.marines.mil/Units/MAGTFEngineerCenter/DoctrineBranch.aspx>

and click on the links under the Doctrine Branch Bulletin Board."

Don't forget the Marine Corps Doctrine Web Site.

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13. Marine Corps Engineer Association Awards Program 2014

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UNCLASSIFIED/
MARADMIN 003/14
MSGID/GENADMIN/CMC WASHINGTON DC L LP//
SUBJ/SOLICITATION FOR THE MARINE CORPS ENGINEER ASSOCIATION (MCEA) AWARDS
PROGRAM FOR 2014//
REF/A/MSGID: DOC/MCO 1650.41C//
AMPN/REF A IS MCO 1650.41C, MARINE CORPS ENGINEER ASSOCIATION (MCEA) AWARDS
PROGRAM.//

GENTEXT/REMARKS/1. IAW THE REF, THE PURPOSE OF THIS MSG IS TO SOLICIT NOMINEES FOR THE 2014 ANNUAL MCEA AWARDS. THE MCEA AWARDS PROGRAM WAS ESTABLISHED IN 1995 TO RECOGNIZE THE OUTSTANDING ENGINEER ACHIEVEMENTS OF INDIVIDUAL MARINES AND MARINE CORPS AND NAVY ORGANIZATIONS. THERE ARE A TOTAL OF 22 AWARD CATEGORIES ENCOMPASSING ALL ASPECTS OF THE ENGINEER/EOD MILITARY OCCUPATIONAL FIELDS. THE CATEGORIES ARE AS FOLLOWS:

COMBAT ENGINEER OFFICER (O1-O3)
COMBAT ENGINEER SNCO (E6-E7)
COMBAT ENGINEER NCO (E4-E5)
COMBAT ENGINEER MARINE (E1-E3)
ENGINEER EQUIPMENT OFFICER (WO-CWO5)
ENGINEER EQUIPMENT SNCO (E6-E7) (NOTE 1)
ENGINEER EQUIPMENT NCO (E4-E5)
ENGINEER EQUIPMENT MARINE (E1-E3)
UTILITIES OFFICER (WO-CWO5)
UTILITIES SNCO (E6-E7)
UTILITIES NCO (E4-E5)
UTILITIES MARINE (E1-E3)
BULK FUEL OFFICER (WO-CWO5)
BULK FUEL SNCO (E6-E7)
BULK FUEL NCO (E4-E5)
BULK FUEL MARINE (E1-E3)
EXPLOSIVE ORDNANCE DISPOSAL OFFICER (WO-CAPT)
EXPLOSIVE ORDNANCE DISPOSAL TECHNICIAN (E5-E7)
COMBAT ENGINEER BATTALION
ENGINEER SUPPORT BATTALION
MARINE WING SUPPORT SQUADRON, ENGINEER COMPANY

NAVAL CONSTRUCTION FORCE UNIT, LIMITED TO BN SIZE OR SMALLER ORGANIZATIONS.

NOTE 1: CHANGE TO REF A IS IN STAFFING; ENCL (1), PG 1-3, ENGR EQUIP SNCO MOS SHOULD INCLUDE SSGTS IN MOS 1316, 1341, 1345.

2. SELECTION OF RECIPIENTS WILL BE MADE BY AN AWARDS BOARD COMPRISED OF MEMBERS FROM THE MARINE CORPS ENGINEER ASSOCIATION. RECOMMENDATIONS OF THE BOARD WILL BE FORWARDED TO DC, IL (LPE) FOR APPROVAL. ALL INDIVIDUAL AND UNIT AWARDS WILL BE PRESENTED AT THE ANNUAL MCEA AWARDS BANQUET TO BE HELD AT THE PALA RESORT, PALA, CA. ON 21 OCT 2014.

3. ACTION

3.A. COMMANDS WITH PERSONNEL AND/OR ORGANIZATIONS WHICH MEET THE CRITERIA CONTAINED IN THE REF ARE ENCOURAGED TO SUBMIT NOMINATIONS VIA THE ENDORSING CHAIN OF COMMAND, ENDING WITH ENDORSEMENT BY FIRST GENERAL OFFICER IN THE CHAIN OF COMMAND. NO ADDITIONAL CHAIN OF COMMAND ENDORSEMENTS ARE REQUIRED OR DESIRED.

3.B. NOMINATIONS MUST BE RECEIVED BY POC NO LATER THAN 30 APRIL 2014. THE AWARD COVERS THE PERIOD 1 APR 2013-31 MAR 2014. ALL COMMANDS ANTICIPATING SUBMISSIONS WILL PROVIDE OFF/SNCO POC INFO TO POC NLT 10 APRIL 2014. NEGATIVE REPORTS VIA EMAIL ARE REQUIRED NLT 30 APR 2014. DUE TO THE VOLUME OF AWARD RECOMMENDATIONS RECEIVED, LATE OR INCOMPLETE NOMINATIONS WILL NOT BE CONSIDERED. COMMANDS ARE TO EMAIL COMPLETE PACKAGES, WITH ATTACHMENTS, TO THE POC. NO MAILED COPIES ARE REQUIRED OR DESIRED.

3.C. INDIVIDUAL AWARD NOMINATIONS SHALL CONSIST OF ONE FILE PER NOMINEE IN PDF FORMAT:

3.C.1. A SUMMARY OF ACTION (SOA) NOT TO EXCEED TWO PAGES.

3.C.2. UNIT POC TO INCLUDE PHONE NUMBER AND EMAIL ADDRESS.

3.C.3. CHAIN OF COMMAND ENDORSEMENTS, TO INCLUDE FIRST GENERAL OFFICER IN CHAIN OF COMMAND.

3.C.4. DO NOT INCLUDE FULL SSN ON INDIVIDUAL AWARD NOMINATIONS.

3.C.5. PROPOSED CITATION (NO FEWER THAN 20 LINES AND NO MORE THAN 30 LINES).

3.C.6. PERSONAL DATA FORM (IAW FORMAT ON MCEA WEBSITE, AWARDS PAGE)

3.D. ORGANIZATION AWARD NOMINATION PACKAGES SHALL CONSIST OF ONE FILE PER UNIT IN PDF FORMAT:

3.D.1. SOA NOT TO EXCEED THREE PAGES.

3.D.2. A COMPLETED COPY OF THE STATISTICAL SUMMARY AS DISPLAYED IN ENCL 2 OF THE REF (TEXT ONLY, NO PICS.)

3.D.3. UNIT POC TO INCLUDE PHONE NUMBER AND EMAIL ADDRESS.

3.D.4. CHAIN OF COMMAND ENDORSEMENTS, TO INCLUDE FIRST GENERAL OFFICER IN CHAIN OF COMMAND.

3.D.5. PROPOSED CITATION (NO FEWER THAN 20 LINES AND NO MORE THAN 30 LINES).

3.D.6. PERSONAL DATA FORMS FOR COMMANDING OFFICER AND SERGEANT MAJOR/COMMAND MASTER CHIEF.

3.E. ACTS OF VALOR RECOGNIZED BY MILITARY AWARDS CAN ALSO BE RECOGNIZED BY ONE OR MORE OF THE ENGINEER AWARDS AS DESCRIBED IN ENCLOSURE 1 OF THE REF.

3.F. EACH MARINE CORPS MAJOR COMMAND (DIVISION, MARINE LOGISTICS GROUP, MARINE AIR WING) MAY SUBMIT ONLY ONE NOMINATION FOR EACH AWARD. AN EXCEPTION IS GRANTED TO 1STMARDIV SINCE TWO COMBAT ENGINEER BNS ARE ASSIGNED. 1ST NAVAL CONSTRUCTION DIVISION MAY SUBMIT UP TO THREE NOMINATIONS FOR THE NCF UNIT AWARD. SPTG ESTABLISHMENTS MAY ALSO SUBMIT ONE NOMINATION FOR EACH INDIVIDUAL AWARD.

3.G. SAMPLES OF INDIVIDUAL AND UNIT AWARD CITATIONS CAN BE FOUND ON THE MARINE CORPS ENGINEER ASSOCIATION WEBSITE: WWW.MARCORENGASN.ORG/AWARDSPAGE.

4. RESPONSIBILITIES

4.A. DC, IL (LPE) IS RESPONSIBLE FOR COORDINATING MARINE CORPS AND SEABEE PARTICIPATION IN ALL ENGINEER AWARD SELECTIONS AND THOSE CEREMONIES CONDUCTED BY THE MCEA.

4.B. LOCAL COMMANDERS

4.B.1. DUE TO THE CURRENT FISCAL CLIMATE, AWARD WINNERS ARE NOT AUTHORIZED USMC/DON FUNDS TO OFFICIALLY SOURCE TRAVEL AND PER DIEM REQUIREMENTS TO ATTEND THE BANQUET.

4.B.2. LOCAL COMMANDERS ARE ENCOURAGED TO RECOGNIZE INDIVIDUAL AND UNIT AWARD RECIPIENTS AT APPROPRIATE LOCAL CEREMONIES.

4.B.3. INDIVIDUALS WHO DESIRE TO ATTEND THE AWARD CEREMONY MUST DO SO AT THEIR OWN EXPENSE.

5. RESERVE APPLICABILITY. THIS AWARDS PROGRAM IS APPLICABLE TO THE MARINE CORPS RESERVE.

6. RELEASE AUTHORIZED BY C.C. CRENSHAW, BGEN, ASSISTANT DEPUTY COMMANDANT FOR INSTALLATIONS AND LOGISTICS (LP).//

COMMANDERS CHECK LIST

ALL SUBMISSIONS DUE TO BELOW POC NLT 30 APRIL, 2014.

INDIVIDUAL AWARD NOMINATIONS FILE CONTENTS IN PDF FORMAT:

1. Summary of Action (SOA) not to exceed two pages
2. Unit POC to include phone number and email address
3. Chain of Command endorsements, ending with 1st General Officer in the Chain of Command
4. Proposed Citation (No less than 20 lines and no more than 30 lines)
5. Personal Data Sheet of Nominee

ORGANIZATION AWARD NOMINATION FILE CONTENTS IN PDF FORMAT:

1. Summary of Action not to exceed three pages
2. Statistical Summary per MCO 1650.41C, Enclosure (3) Text only, No Pics
3. Unit POC to include phone number and email address
4. Chain of Command Endorsements, ending with the 1st General Officer in Chain of Command
5. Proposed Citation (No less than 20 lines and no more than 30 lines)
6. Personal Data Sheets for Commanding Officer and Sergeant Major/Master Chief Petty Officer

NO MAILED COPIES ARE REQUIRED OR DESIRED.

NEGATIVE REPORTS VIA EMAIL ARE REQUIRED, PRIOR TO 30 APRIL, 2014.

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Purpose of the *Operational Engineer*

To provide a useful forum for open discussion and free exchange of ideas relating to the U.S. Marine Corps Engineer Community and its capabilities that will be published semiannually for the benefit of the entire Marine Corps Engineer community. Thoughts, suggestions, and ideas from the operating forces are essential to achieving this purpose.

SUBMISSION POLICY

- **Commentary on published material:** Submit promptly. Comments normally appear as letters 6 months after published material (The next semi-annual publication). Be brief.

- **Feature articles:** Normally 750 to 1,000 words, dealing with topics of major significance. Ideas must be backed by hard facts. Evidence must be presented to support logical conclusions. In the case of articles that criticize, constructive suggestions are sought. Footnotes are not necessary, but a list of any source materials used is helpful. The Marine Corps Engineer School will call upon the operational units to provide specific commentary on issues that have relevance to the education of the occupational field.

- **Ideas and Issues:** Short articles, normally 200-300 words. This section can include the full gamut of professional topics so long as treatment of the subject is short, concise, and professional.

- **Letters:** Limit to 100 words or less. As in most newsletters, letters to the editors are an important clue as to how well or poorly ideas are being received. Letters are an excellent way to correct factual mistakes, reinforce ideas, outlining opposing points of view, identify problems, and suggest factors or important considerations that have been overlooked in previous articles. The best letters are sharply focused on one or two specific points.

- **Suggestions:** Write the way you speak. Organize your thoughts. Cut out excess words. Short is better than long.

How to submit your input: Submissions may be sent via email (preferred) or regular mail. If regular mail is used we request that you include a hard copy of the manuscript and a disk with the manuscript in Microsoft Word format. Photographs and illustrations must be in GIF, JPG or PNG format (300dpi, 5x7 inches, color preferred) and must not be embedded in the article. Please attach photos and illustrations in a separate file. You may include the text of the article where the photos are to be placed. Include the authors full name, mailing address, telephone number, and e-mail address.

Regular mail to: *The Operational Engineer*, Marine Corps Engineer School, PSC Box 20069, Camp Lejeune, NC 28542-0069.