



Safety Gram

Protecting Resources Through Better Risk Management

Safety Division's Monthly *Safety Gram* is provided to senior leaders to maintain awareness of mishap trends that directly affect the operational readiness of the Corps. This information should also be disseminated at every level of your command to assist high-risk Marines and Sailors in understanding the impact of the decisions they make every day both on and off-duty.

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August - September 2014: Mishap Summary

The Mishaps below occurred throughout the USMC from 1 August - September 30, 2014, causing serious injury or death to Marines, and/or damage to equipment.

15 August 2014. SNM was killed as a passenger in a single-vehicle accident. Another Marine was the driver, who suffered a broken ankle.

16 August 2014. While mountain biking, a Marine incurred a fall from the bike and landed head-first. Due to the fall, SNM experienced a broken T7 vertebrae, possibly resulting in permanent partial disability (paralysis below the chest).

20 August 2014. SNM driving a HMWWV conducted a legal U-turn and was struck broadside by a pickup truck.

28 August 2014. A Marine was riding his motorcycle to work when he was involved in a two-vehicle accident. He was air-lifted to a nearby

hospital and diagnosed with a severed spinal cord. SNM was diagnosed as brain-dead and pronounced deceased.

1 September 2014. On approach to landing pad, CH-53 was forced to land in water after experiencing a loss of power.

20 September 2014. A Marine lost control of his motorcycle, left the road, and was thrown from his bike. The crash caused severe head trauma and he passed away later at the local hospital.

New OSHA Reporting Requirements

OSHA announces new requirements for reporting severe injuries and updates list of industries exempt from record-keeping requirements.

The U.S. Department of Labor's Occupational Safety and Health Administration announced a final rule requiring employers to notify OSHA when an employee is killed on the job or suffers a work-related hospitalization, amputation or loss of an eye. The rule, which also updates the list of employers partially exempt from OSHA record-keeping requirements, will go into effect on Jan. 1, 2015, for workplaces under federal OSHA jurisdiction.

The announcement follows preliminary results from the Bureau of Labor Statistics' 2013 National Census of Fatal Occupational Injuries*.

"Today, the Bureau of Labor Statistics reported that 4,405 workers were killed on the job in 2013. We can and must do more to keep America's workers safe and healthy," said U.S. Secretary of Labor Thomas E. Perez. "Workplace injuries and fatalities are absolutely preventable, and these new requirements will help OSHA focus its resources and hold employers accountable for preventing them."

Under the revised rule, employers will be required to notify OSHA of work-related fatalities within eight hours, and work-related in-patient hospitalizations, amputations or losses of an eye within 24 hours. Previously, OSHA's regulations required an employer to report only work-related fatalities and in-patient hospitalizations of three or more employees. Reporting single hospitalizations, amputations or loss of an eye was not required under the previous rule.

All employers covered by the Occupational Safety and Health Act, even those who are exempt from maintaining injury and illness

records, are required to comply with OSHA's new severe injury and illness reporting requirements. To assist employers in fulfilling these requirements, OSHA is developing a Web portal for employers to report incidents electronically, in addition to the phone reporting options.

"Hospitalizations and amputations are sentinel events, indicating that serious hazards are likely to be present at a workplace and that an intervention is warranted to protect the other workers at the establishment," said Dr. David Michaels, assistant secretary of labor for occupational safety and health.

In addition to the new reporting requirements, OSHA has also updated the list of industries that, due to relatively low occupational injury and illness rates, are exempt from the requirement to routinely keep injury and illness records. The previous list of exempt industries was based on the old Standard Industrial Classification system and the new rule uses the North American Industry Classification System to classify establishments by industry. The new list is based on updated injury and illness data from the Bureau of Labor Statistics. The new rule maintains the exemption for any employer with 10 or fewer employees, regardless of their industry classification, from the requirement to routinely keep records of worker injuries and illnesses.

For more information about the new rule, visit OSHA's website at <http://www.osha.gov/recordkeeping2014>.



Greetings from SD

Introducing CMC(SD)'s Senior Marine Health Physicist and the Radiation Safety Program

LCDR Jeffrey Delzer

Greetings from Headquarters United States Marine Corps! Having been stationed at CMC(SD) now for a little over a year, I thought it would be an opportune time to submit a Safety Gram article. Many Marines involved with Radiation Safety have already met me, yet there are still many that have not. I intend on getting to all of our commands by the end of next year and look forward to meeting everyone.

Having been involved in Radiation Safety for 26 years – both as an enlisted Submariner and as a Radiation Health Officer – I still enjoy my job and am continually learning. I find it most rewarding when I am travelling to each of the commands and providing assistance where needed.

To give everyone some insight on what my job involves, you can see the list of responsibilities outlined in MCO 5104.3B, Marine Corps Radiation Safety Program. This Order outlines the program requirements for all commands that have a Radiation Safety Program. This is in addition to NAVSEA S0420-AA-RAD-010, Radiological Affairs Support Program Manual.

My specific duties include:

- Oversee the management of all Marine Corps Naval Radioactive Materials Permits (NRMPs)
- Serve as voting member of the Naval Radiation Safety Committee (NRSC)
- Liaison and central POC for Marine Corps radiological affairs
- Develop and implement Marine Corps policy regarding Radiation Safety Program
- Develop, maintain, and provide training programs for material and processes not covered by RASO training programs to all Marine Corps RSO/RSM personnel
- Provide advice to Marine Corps commands on radiation issues
- Coordinate with Army RSO for equipment owned by Marine Corps that contains material licensed under Army NRC license
- Except as specified in NRMP, serve as primary POC for reporting of incidents involving rad material or devices.
- Conduct biennial assessments of all NRMP and x-ray radiography operations
- Assist in coordinating the procurement of radiological commodities by Marine Corps commands
- Provide technical assistance that is beyond the ability (training and experience) of local resources

Fortunately for me, I have an exceptional team of Radiation Safety Professionals that provide continued support throughout the Marine Corps. Specifically, Marine Corps Logistics Command, Marine Forces Command, Marine Corps Installations Command, and each of the Marine Aircraft Wings provide unparalleled support and are my “eyes and ears” out in the field.

There is still a planned face-to-face setting for the 2015 RASP Conference that will be held in Yorktown, VA. I encourage all Radiation Safety Officers to attend and look forward to meeting with you. During this event, I anticipate that there will be a special Marine Corps breakout session. While I understand that funding is tight, this is an invaluable meeting that provides up-to-date information regarding Radiation Safety.

In closing, I want to reiterate my appreciation for everyone's hard work and I have really seen your dedication during my site visits. If you ever need to contact me for any reason, please don't hesitate to do so. I am always available and I can always be reached by phone or email at 703-604-4122 or jeffrey.delzer@usmc.mil. Additionally, I encourage everyone to join our milsuite page at <https://www.milsuite.mil/book/groups/marine-corps-radiation-safety-program-members-only/overview>.



Pictured: (L) LCDR Delzer inspects an X-Ray Radiography Shielded Facility with SSgt Scott Atwood at MCS Cherry Point on 7 August 2014. SSgt Atwood is the Radiation Safety Officer with Marine Air Group 14. (R) LCDR Delzer inspects the In-Flight Blade Inspection System (IBIS) of an H-53 helicopter at Marine Air Group 14.



CMC Safety Division presents...

RIDERS ESSENTIAL SKILLS TRAINING

If you're a regular reader of Safety Gram's Monthly Mishap narratives, you may have noted the frequent and alarming occurrence of injuries and deaths as a result of motorcycle riding. On many occasions, these hazards are due to negligence by other drivers who may not have been safe or observant of their own accord. However, many others are entirely preventable with appropriate training, sufficient personal protective equipment (PPE), and experience with safe riding practices.

In order to combat these mishaps, CMC(SD) gathered a number of motorcycle safety experts from across the Marine Corps to develop a comprehensive riding curriculum for installations and negate potential accidents from the start. Representatives from SD, MCICOM, MCI West, 29 Palms, MCI East, Hawaii, and Quantico convened to construct the early framework for the new Riders Essential Skills Training (REST).

With a focus on the beginning rider, the REST will challenge participants to master proper braking and cornering techniques at realistic speeds. The course is intended to function as an independent source for Marines to gain the skills required to function as safe, competent riders.

During this gathering, the representatives from each installation provided insight as to the resources presently available to them, indicated how they can maximize those, and where they require additional support to accomplish the mission of mishap-free riding.

The assembled team began drafting the requisite information to convey through the classroom portion of the REST, and also identi-

fied potential course layouts and exercises to maximize a rider's participation in the course. While REST is intended to help riders avoid accidents after having completed the course, the working group placed a great deal of emphasis on making the actual training as safe as possible, as well.

Some of the topics and areas of focus included, but were not limited to:

- Tire contact and traction
- Cornering
- Braking
- Hazard avoidance
- PPE
- Infrastructure and space required for riding course
- Instructor requirements

As mentioned, the primary purpose of the REST eliminate motorcycle crashes by embedding strong capabilities in regard to riding fundamentals. If a rider is proficient in even the most basic skills, such as braking effectively and negotiating a curve properly, the chance of an accident is decreased exponentially. Many beginning riders drastically underestimate the capabilities and limitations of a motorcycle, and consequently pay the price for that negligence.

As the Marine Corps' most valuable resource, Marines need to be safe and knowledgeable in everything they do. Consequently, CMC(SD) will continue to seek to develop the REST and hope to present a safe, educational, and beneficial program in the near future.

