



SECURITY FACTS

A Physical Security Technology Newsletter

VOL. 6

NO. 1

IACSE SEALS SUBCOMMITTEE DEVELOPS REQUIREMENTS AND CRITERIA FOR PROCUREMENT OF SECURITY EQUIPMENT

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QUESTIONS & ANSWERS

The Interagency Committee on Security Equipment (IACSE), chaired by the General Services Administration (GSA), is responsible for ensuring that security equipment used to protect classified information and sensitive assets meets the requirements of Federal agencies. Participants on the IACSE Steering Committee, and on various subcommittees, specify types of equipment needed and work together to identify operational and security requirements for that equipment. The IACSE also advises / informs the Information Security Oversight Office (ISOO) and other Federal agencies on security equipment related issues and concerns.

The Security Equipment and Locking Systems (SEALS) Subcommittee was established under the IACSE to perform the following functions:

1-Advise the IACSE on issues relating to requirements for locks, safes, vaults, seals, containers, and associated equipment intended to protect National Security Information (NSI) and sensitive assets owned by, or under the control of, the United States Government (USG).

2-Write, review, and/or coordinate proposed changes to government and industry specifications that define performance, design and functional characteristics of equipment needed by the USG to meet physical security and storage requirements for NSI.

3-Conduct an ongoing review of existing and evolving technologies that may be used to defeat equipment used to protect NSI, and make recommendations to the IACSE as appropriate.

The SEALS Subcommittee may also be assigned other duties relating to the protection of NSI by the Chairman of the IACSE.

Membership on the SEALS Subcommittee is open to all USG departments and agencies represented on the IACSE. Members are engineers, technicians, and security personnel qualified to present opinions on issues that have potential impact on their respective organizations. Each department or agency represented has one vote on the issues presented. The SEALS Subcommittee meets monthly to discuss issues relating to the protection of NSI.

The current Chairman of the SEALS Subcommittee is Mr. Eric Elkins, the Technical Manager of the Department of Defense (DoD) Lock Program.

WINTER 2003

Call the Technical Support Hotline at (800)290-7607, (805)982-1212, or DSN 551-1212. DoD Lock Program Web Site-<http://locks.nfesc.navy.mil>

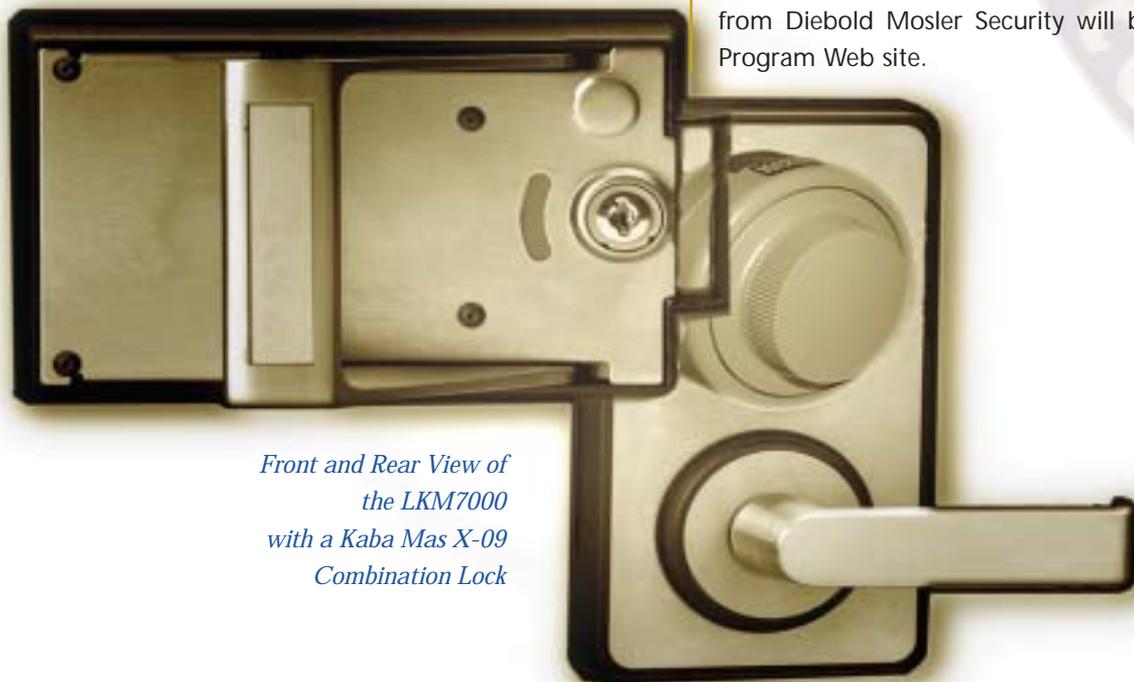


LOCKMASTERS INTRODUCES A NEW PEDESTRIAN DOOR LOCK

The LKM7000 meets the requirements of Federal Specification FF-L-2890 "Lock Extension (Pedestrian Door, Deadbolt)" and is approved for the protection of classified information when fitted with a combination lock meeting the requirements of Federal Specification FF-L-2740 "Locks, Combination."

Lockmasters' LKM7000 pedestrian door lock features single-motion egress (which meets requirements for life safety), deadbolt security, and compatibility with inswing or outswing doors. It can be mated with a variety of access control devices. The LKM7000 requires a standard footprint mechanical or electronic combination lock. It will accept the Mas-Hamilton X-07, the Kaba Mas X-08, and the new Kaba Mas X-09 locks. The device can also accommodate traditional key-locking devices such as the La Gard 2200 and the Sargent and Greenleaf 6804 and 6805. The LKM7000 also works with keypads, proximity, and swipe card technology. Applications include sensitive compartmented information facilities (SCIF), communications spaces, laboratories, and secure rooms. The LKM7000 is a stand-alone unit that replaces all other locking hardware on the door.

The LKM7000, an approved alternative to the Kaba Mas CD-X09, is available through the Defense Supply Center, Philadelphia. The National Stock Number is 5340-01-501-2828. See the DoD Lock Program Web Site or call the Technical Support Hotline for more information.



*Front and Rear View of
the LKM7000
with a Kaba Mas X-09
Combination Lock*

SECURITY CONTAINERS FROM DIEBOLD MOSLER SECURITY ARE GSA APPROVED



Mosler, which had made GSA approved security containers for over fifty years, went bankrupt in August 2001. Diebold bought the Government Products Division of Mosler in October 2001, and has resumed manufacturing the Mosler line of security containers. This required that GSA verify the containers meet the requirements of the relevant Federal Specifications.

GSA has notified Diebold that its Class 5 and Class 6 drawer file containers and Class 5 map and plan weapons containers conform to the requirements of the relevant Federal Specifications. These containers are now listed on the qualified products list (QPL). Diebold's Class 5 vault doors are being evaluated for approval. Updates on the availability of GSA approved security products from Diebold Mosler Security will be posted on the DoD Lock Program Web site.

THE 6TH SECURITY SEALS SYMPOSIUM IN SANTA BARBARA, CA IS PLANNED FOR FEBRUARY 2003

The DoD Lock Program will host the 6th Security Seals Symposium on 25-27 February 2003 in Santa Barbara, CA. This is the only symposium dedicated to information exchange and technology transfer of security seals. Recent security events spotlight security seals as an integral piece of a tiered security process, and security experts are revisiting the uses of seals.

The Symposium is a forum to present contemporary and advanced topics on seal technology and applications, expert panel discussions, new products and ideas. It

is a great networking opportunity to meet other security professionals who select and work with security seals. The Symposium will retain its traditional DoD flavor, but will extend topics applicable to other U.S. Government activities, such as the Department of Transportation, Customs Service, and the newly formed Transportation Security Administration.

On the third day of the Symposium, attendees will be invited to visit Vandenberg Air Force Base, located about 45 miles northwest of Santa Barbara. Activities include a briefing by the base's Security Squadron and a unique tour of NASA's launch facilities.

For updates and information about the Symposium, please visit the DoD Lock Program website, or contact (805) 982-6086

Fess Parker's
Doubletree Resort

Sixth Seals Conference

LOCKES, SEALS, VAULTS, SEALS & CONTAINERS PROGRAM
DEPARTMENT OF DEFENSE

February 25-27, 2003
Santa Barbara, CA



Replacement Switch

HUMVEE IGNITION LOCKING DEVICE IS AVAILABLE

There is a simple and effective solution that will hinder the unauthorized use of the military's humvee (High Mobility Multipurpose Wheeled Vehicle). The military version of the humvee comes from the factory with no ignition-locking switch. The solution is a device that replaces the switch lever that comes standard with the vehicle: it is a steel bracket that is secured to the dash panel with rivets, and a new switch lever that goes over the bracket. A padlock is used to secure switch lever to the bracket. This prevents the vehicle from being started without a key and is intended for a non-tactical environment.

CLASSIFIED MATERIAL

MUST BE STORED IN GSA APPROVED CONTAINERS

Effective 1 October 2002, DoD may not use lockbar file cabinets, or containers not approved by GSA, for securing classified material. DoD 5200.1-R, "Information Security Program," January 14, 1997; Chapter 6, Section 4;

6-402- STORAGE OF CLASSIFIED INFORMATION:

"Classified information that is not under the personal control and observation of an authorized person is to be guarded or stored in a locked security container, vault, room, or area, as follows: ... "

b. "Secret information shall be stored by one of the following methods: ... "

(4) "Until October 1, 2002, in a non-GSA approved container having a built-in combination lock or in a non-GSA approved container secured with a rigid metal lockbar and a GSA approved padlock with one of the following supplemental controls: ... "

c. "Confidential information shall be stored in the same manner as prescribed for Top Secret or Secret information except that supplemental controls are not required."



Original Equipment Switch



Final Switch Installation

THE KABA MAS X-09 LOCK IS APPROVED AND AVAILABLE

The X-09 combination lock has been tested to and meets the requirements of Federal Specification FF-L-2740A. The General Services Administration (GSA) has approved it. The X-07 lock made by the Mas-Hamilton Group, and the X-08 lock made by Kaba Mas, are no longer available. Both locks are still approved and may be used for the protection of classified material.

The NSNs for the X-08 and CD-X08 have been canceled and replaced with the NSNs for the X-09 and CD-X09:

PRODUCT	NATIONAL STOCK NUMBER (NSN)	PRICE
X-09	5340-01-498-2758	\$617.40
CD-X09 (With non-drill-resistant mounting plate)	5340-01-498-2759	\$736.76
CD-X09 (With drill-resistant mounting plate)	5340-01-498-2760	\$976.85

These products are available from:

Defense Supply Center Philadelphia

700 Robbins Ave.
Philadelphia, PA 19111

The Item Manager for these products is:

Item Manager
DSN 444-2218
FAX:(215) 737-2010
DSN 444-2010

(215) 737-2218

For CD-X09 installations: Strikes other than #1 are available at no cost from the DoD Lock Program. Call the Technical Support Hotline for information. Illustrations of the various strikes are on the DoD Lock Program Web site. Under "Security Hardware," click on "Combination Locks," then click on "Strike Plate Pictures."

X-09 COMBINATION LOCK TRAINING IS AVAILABLE

The DoD Lock Program offers training on the X-09 combination lock. Students learn how to determine which locks require retrofit and how to order the appropriate locks. The technical portion of the course covers removal of existing locks, inspection of containers, and installation and operation of the new locks. The instructor demonstrates special tools and techniques that simplify the retrofit. Training will include comparison of the X-09 to the Mas-Hamilton X-07 and Kaba Mas X-08 locks. The CD-X09 is also covered during the course.

Classes are offered to Government and Government contractor personnel who will be installing and servicing X-09 locks. Dates of X-09 lock classes are posted on the DoD Lock Program website. Additional classes will be posted as they are scheduled.

If you have questions regarding training, contact the training coordinator at (805) 982-1575, DSN 551-1575, through the Technical Support Hotline at (800) 290-7607, or by E-mail at lock-tc@nfesc.navy.mil.



HERE IS THE CURRENT KABA MAS WARRANTY POLICY AND PROCEDURE

X-07 AND CD-X07 LOCKS

These locks are out of warranty.

X-08/X-09 LOCKS AND CD-X08/CD-X09

PEDESTRIAN DOOR DEADBOLTS

- There is a one-year warranty from date of manufacture.

There is a six-month grace period for distribution and installation.

There is a maximum 2-year warranty with proof of purchase including lock serial number and date of manufacture.

- Warranty covers parts only.

At Kaba Mas' option, container and/or labor charges may be covered.

• Kaba Mas will cover the cost of the lock and service only if they analyze the lock at their facility and if the lock is defective because of component failure.

• Lock failure or damage resulting from incorrect installation procedures or operator-induced abuse is not covered under the warranty.

WARRANTY PROCEDURE

1. Call the Technical Support Hotline to let us know what the problem is.

2. End user/customer contacts Kaba Mas for reference number.

Caller provides:

a. Lock serial number; container make, model, serial number (this information should be recorded and kept in a separate container for use when needed.)

b. Proof of purchase of container, or of lock if retrofit.

3. Kaba Mas will refer certified locksmiths (for customer to hire.)

4. Locksmith drills/opens and/or contacts Kaba Mas for replacement parts.

5. Product return options:

a. Customer credit card is billed a "product return assurance fee" for locks and/or drawer heads.

b. Product is returned to Kaba Mas for analysis, prior to shipment of replacement parts. (No product return assurance fee required.)

6. Replacement lock / repair parts shipped:

a. Immediately (see 5a. above.)

b. Upon completion of analysis (see 5b. above.)

7. Locksmith closes service call.

8. Product returned to Kaba Mas.

9. Product is analyzed.

10. Appropriate credit issued to credit card. Labor charges paid by Kaba Mas if appropriate.

NOTE: This Warranty is subject to change. Contact the Technical Support Hotline for the latest warranty information

"JOE'S CARD TRICK" FROM MBA USA IDENTIFIES X-08 AND X-09 DRIVE CAMS

The drive cams of the Kaba Mas X-08 and X-09 combination locks look virtually identical, but they are not interchangeable. Joe Cortie at MBA USA came up with a device to tell them apart. This card, part number MB06, shows the distinctive magnetic array unique to each type of drive cam.

For more information on "Joe's Card Trick," call MBA USA at (888) MBA-5495.



GSA APPROVED SECURITY EQUIPMENT INSPECTION / RECERTIFICATION TRAINING IS NOW AVAILABLE

GSA approved containers and vault doors are products that have been designed, built, tested, and approved to the requirements of Federal specifications. The GSA is the preparing activity for those specifications. Only products that have passed all GSA testing to the requirements of a designated Federal specification may bear the label "General Services Administration Approved." (In this article, containers and vault doors will be generically referred to as "containers.") The manufacturer attaches the label to the container.

Since the early 1960s, security equipment approved by GSA has had an external label indicating approval. That label has been the designation of security equipment authorized for storage of classified material and, more recently, of equipment for storage of arms, ammunition, and explosives.

It is standard practice to remove the label if an approved container is opened, repaired, or otherwise modified in an unauthorized manner. A missing label indicates that a container may not have its original security integrity. However, the label may be missing for another reason. The label may have fallen off or may have been removed for a reason unrelated to the container's security integrity.

All maintenance and service activity of a container, including the reason the approval label is missing, should be designated on the Security Container Records Form. If this has not been done, the container's security integrity is in question. Until recently, there has been no formal means to inspect and verify the integrity of a container.

Concerns about the security of unlabeled containers were brought to the attention of DoD security policy officials. The issue was given to the Interagency Advisory Committee (IACSE), Security Equipment and Locking Systems Subcommittee (SEALS), for action. Members of the SEALS Subcommittee, including representatives from GSA, formed a plan to address the problem. The plan was to encourage the private sector to develop a curriculum to train technicians to inspect containers, determine whether the security integrity was intact or could be restored, and relabel containers where that was justified. The SEALS Subcommittee would review proposed curriculums and attend classes before a training organization would be approved to train and certify inspectors. An ad was placed in the



"Commerce Business Daily," requesting interested parties to submit course curriculums to the SEALS Subcommittee for review.

To date, two training organizations, Lockmasters Inc. and MBA USA Inc., have approved container inspection programs. These courses cover a wide range of equipment made over 47 years, by eleven manufacturers, to eleven different specifications. To obtain certification, students must also be able to identify approved containers as well as containers that were never GSA approved, but may have been previously authorized for classified storage. *(Continued on next page)*



TRAINING IS NOW AVAILABLE

(Continued from page 7)

A background in GSA containers and associated locks is a prerequisite for inspection training. Students must be familiar with current Government policies regarding containers and storage, including authorized methods of opening and repair of containers. Certification requires students to successfully pass a written as well as a practical examination. Inspectors will be required to attend periodic refresher courses to maintain their certification. This will ensure inspectors are being kept up-to-date on new information and changes to policies and equipment. Replacement labels, issued by the training institutions, are serialized and can be traced back to the inspector.

On June 1, 2002, GSA announced a policy statement regarding GSA approval labels:

“Security containers and vault doors shall have a “General Services Administration Approved” label on the front of the equipment in order to be considered equipment approved by the General Services Administration (GSA) for the purpose of storing national security information.”

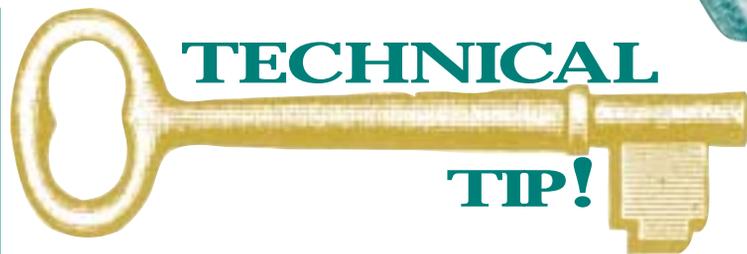
“Containers that were originally GSA approved, but that do not have the original manufacturer’s labels, may be recertified and relabeled through a recertification inspection by a qualified inspector. Containers with a GSA approved recertification label will be considered equipment approved by GSA for storing national security information.”

“Containers that have been modified from the original manufacturer’s product, damaged or improperly opened may not be recertified unless they have been returned to their original condition through replacement of parts with new or salvaged OEM parts or repaired in accordance with Federal Standard 809.”

This policy has been sent to all Federal agencies for incorporation into their relevant security regulations.

[For information on course requirements and schedules,](#)
[or to locate a certified inspector in your area,](#)
[contact MBA USA \(888\) 622-5495](#)
[or Lockmasters \(800\) 654-0637.](#)

Contact the Lock Program Technical Support Hotline if you have any questions about the inspection / recertification process.



CHANGING COMBINATION OF AN X-08 LOCK

A problem was encountered while attempting to change the combination of an X-08. After selecting the mode of operation, the lock prompted the user to “dL” (dial Left). This was done, with **several vigorous turns** of the dial counterclockwise, and the new combination was entered. But instead of flashing the new combination twice, the lock displayed a lightning bolt. A call to Kaba Mas technical support yielded the following suggestion: when responding to the “dL” display, turn the dial left **three times at moderate speed**, and then enter the new combination. When this procedure was followed, the lock then flashed the new combination. Keep this in mind when changing the combination of an X-08.

Locksmith Roger Armstrong, CPS, from Lockheed Martin, sent this tip to us.



UPCOMING EVENT

Force Protection Equipment Demonstration (FPED) IV

As a result of the bombing of Khobar Towers in Saudi Arabia, the Chairman of the Joint Chiefs of Staff directed the Services to investigate commercial-off-the-shelf (COTS) solutions to force protection needs. The Office of the Under Secretary of Defense for Acquisition and Technology (OUSD (A&T)) tasked the United States Army Product Manager, Physical Security Equipment (PM-PSE) Office to coordinate and facilitate a Force Protection Equipment Demonstration (FPED) that would showcase and demonstrate force protection equipment. The first FPED was held in September 1997 to showcase and demonstrate available commercial off-the-shelf equipment solutions for force protection needs. The success of the first FPED, together with continuing concern about terrorist activity, led to FPED II in May 1999 and FPED III in May 2001.

FPED IV, the fourth Force Protection Equipment Demonstration, will be held May 6 - 8, 2003 at the Marine Corps Base, Quantico, VA. The demonstration targets DoD, the federal departments and agencies, and state and local law enforcement and corrections agencies. DoD, the Joint Staff, the Services and other sponsoring and participating organizations conduct an active publicity campaign to bring in attendees concerned with unit and organization force protection needs. Foreign personnel are also invited. The FPED is not open to the public.

For more information and registration check the FPED IV website at <http://www.fped4.org>.



SOME PAPER SHREDDERS ARE NO LONGER APPROVED FOR THE DESTRUCTION OF CLASSIFIED INFORMATION

Effective 31 December 2002, some paper shredders are no longer approved for the destruction of COMSEC and classified documents. Other methods, such as wet pulping, chopping, mulching, and burning are still approved. The Committee on National Security Systems (CNSS), formerly known as the National Security Telecommunications and Information Systems Security Committee (NSTISSC), is presently evaluating high security crosscut shredders and will make this list available upon approval. Check the DoD Lock Program Web site for the latest information and a list, when available, of evaluated products.

A “LOCK ON BACK COVER” DRILL TEMPLATE IS NOW AVAILABLE FOR KABA MAS X-08 AND X-09 LOCKS

The X-08 and X-09 locks have a back cover lock pin that protects the lock against covert tampering. This Lock On Back Cover (LOBC) feature prevents removal of the cover except while the bolt is being retracted. In the event of a lockout, after the container is opened, the cover must be removed from the lock in order to remove the lock from the container. The LOBC will prevent this.

A template and drill guide is available to facilitate removal of the head of the pin. To accomplish this, remove the back cover screws and attach this device to the lock case with longer screws (provided). Using either a 1/8" or 5/32" drill bit, drill off the head of the pin (drill to a depth of 1/8"). Remove the drill template and remove the back cover. Replace the LOBC pin with a new one when the lock is reassembled and returned to service.

*LOBC Drill Template Kits, and replacement pins, may be purchased from:
MBA USA Inc. at (888) 622-5495 or
Lockmasters at (800) 654-0637.*



SUBMIT YOUR QUESTIONS TO SECURITY FACTS NEWSLETTER

If you have questions or information on security equipment, storage of classified information, or general security that you would like to share with our readers, please send them to the DoD Lock Program, 1100 23rd Avenue, Port Hueneme, CA 93043-4370. You can also E-mail them to any of the addresses contained in this Newsletter or call the **Technical Support Hotline**. If we use your question or comment in the Newsletter, you will receive a free T-shirt with the DoD Lock Program logo on the front. It is our way of thanking you for supporting our Program.

Frequently Asked Questions:

Q. Since Mosler has gone out of business, where can I get replacement handles for GSA approved Mosler containers?

A. There are several sources for GSA approved Mosler handles. You can get them from Diebold, who recently bought Mosler's Government line. Authorized distributors such as Lockmasters at (800) 654-0637 carry new Mosler handles are also.

Q. What high security hasps are available for securing arms, ammunition, and explosives (AA&E)?

A. DoD 5100.76-M, "Physical Security of Conventional Arms, Ammunition, and Explosives" (August 12, 2000), defines a high security hasp as "a shrouded hasp that meets military specification MIL-DTL-29181C." There are several hasps that meet this requirement, and all are available through the Defense Logistics Agency. For ordering information (National Stock Numbers and Item Managers), see the DoD Lock Program website.

The NATICK hasp, which was previously approved, was not shrouded. The specification to which it was built, MIL-H-43905, has been canceled and the NATICK hasp is no longer available.

NOTICE! CORRECTIONS AND OMISSIONS TO LOCK AND KEY CONTROL ARTICLE IN THE LAST SECURITY FACTS NEWSLETTER

In the last Security Facts Newsletter, we published an article titled "Manage Lock and Key Control for Critical Assets." What follows are some corrections and omissions related to the article:

The DoD 5100.76-M provides the minimum standards for key control for DoD. Some guidelines by individual services may be more stringent in certain areas (For example, the Navy is the only service that requires periodic rotation of lock cylinders.) But all DoD must comply with the minimum guidelines of DoD 5100.76-M.

Key storage containers for category III and IV AA&E keys must be 12-gauge material as is stated in the DoD 5100.76-M. ("20-gauge" was a typographical error in the last newsletter.)

Mechanical built-in changeable combination locks used to secure key storage containers should be a UL listed, either a Group 1 or Group 2 combination lock.

DoD 5100.76-M is currently being revised. The new version should be available January 2003.

Correction!! In the Summer 2002 Security Facts Newsletter, Frequently Asked Questions, the phone number given to purchase the Shipboard 1300 Hasp is DSN 695-6865 instead of the one listed.



SECURITYFACTS

A Physical Security Technology Newsletter



FOR ASSISTANCE OR INFORMATION, CALL

DoD Lock Program Technical Support Hotline:

(800) 290-7607

(805) 982-1212

DSN 551-1212

Fax: (805) 982-1553 or DSN 551-1553

(805) 982-1253 or DSN 551-1253

E-mail: Dodlock@nfesc.navy.mil

Please leave a commercial number for return calls.

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The views and opinions expressed in this newsletter are not necessarily those of the Department of Defense.

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