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14. ABSTRACT  
The Ordnance Group manages those Sets, Kits, Outfits and Tools (SKOT) utilized by U.S. Armed Forces Maintenance personnel and activities. Examples of Ordnance SKOTs include the Forward Repair System (FRS), Standard Automotive Tool Set (SATS), Metal Working and Machining Shop Set (MWMSS), Shop Equipment, Contact Maintenance (SECM), Hydraulic System Test and Repair Unit (HSTRU) and the Armament Repair Shop Set (ARSS). Ordnance SKOTs support and span the entire scope of maintenance operations and career fields. Although Ordnance SKOTs reside within the Ordnance Group of PM-SKOT, they support a variety of missions. In essence, Ordnance SKOTs fix everything from trailers to tanks.

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Standard Form 298 (Rev. 8-98)  
Prescribed by ANSI Std Z39-18
### Fire Fighting, Diving, Boats & Motors
1. Firefighter Individual Requirements Equipment Set (FIRES)
2. Fire Protection Equipment Set (FPE)
3. Legacy 7 Man boats w/applicable motors
4. Breakaway Divers Air Stowage System (BDASS)
5. Closed Circuit SCUBA Set (CCS)
6. Containerized Divers Recompression Chamber (CDRC)
7. Deep Sea Diving Set (DSS)
8. Diver Underwater Construction Set (UCS)
9. Diver Underwater Photo Support Set (DUPSS)
10. Family of Breathing Air Compressors
11. Family of Boats and Motors
   - 3/7/15 man boats w/applicable motors
12. Open Circuit SCUBA Set (OCS)
13. Diver Propulsion System
14. SCUBA Support Set (SSS)
15. Surface Supplied Diving Set
16. Underwater Construction Set

### Special Tools
- Multiple Emerging Requirements

### Ordnance
1. Armament Repair Shop Sets (ARSS)
2. Forward Repair System (FRS)
3. Hydraulic System Test & Repair Unit (HSTRU)
4. Metal Working & Machining Shop Set (MWMSS)
5. Standard Automotive Tool Set (SATS)
6. SATS Field Maintenance Module 3 (FMM3) Fire Suppression Refill System
7. Shop Equipment, Contact Maintenance (SECM)
8. SECM – Next Generation
9. Soldier Portable Ordnance Kits (SPOK)
10. Load Banks
11. Ammunition Tool Kit
12. Artillery Shop Set
13. Automotive Sustainment & Maintenance Module (ASMM)
14. Cutting & Welding Shop Set #5
15. Electronic System Maintenance Tool Kit
16. Full Tracked Vehicle Set
17. Instrument & Fire Control Repair Shop Set
18. Measuring Machinist Tool Set
19. Small Arms Shop Set (SASS)
20. Spare Parts Storage Cabinet Set

### Engineer
1. Asphalt Test Sets
2. Carpenter’s Supplemental Tool Kit (CSTK)
3. Carpenter’s Tool Kit (CTK)
4. Concrete Test Set
5. Demolition Set (Explosive, Electric)
6. Electrician’s Tool Kit
7. Family of Detainee Processing & Evidence Collection Kit (FoDPECK)
8. Family of Lighting Systems (FOLS)
9. General Purpose Survey Set (GPSS)
10. Hydraulic Electronic Pneumatic Petroleum Operated Equipment (HEPPOE)
11. Hazard Identification and Marking Set
12. Mason & Concrete Tool Kit
13. Pioneer Land Clearing & Building Erection
14. Pioneer Platoon Set
15. Pioneer Sapper Set
16. Pioneer Support Set
17. Plumbers Tool Kit
18. Soil Test Sets
19. Urban Operations Tool Set Platoon Set (UOpPS)
20. Urban Operations Tool Set Squad Set (UOpSS)
21. Vertical Skills Engineer Construction Kit (VSECK)
22. Material Testing Kit

*Blue text indicates a New Start system*
PM SKOT Portfolio

**Ordnance**
- SATS
- SECM
- MWMSS
- HSTRU

**Engineering**
- Carpenters Tool Kit
- Pioneer Support Set
- Urban Ops Platoon Set

**Fire Fighting & Diving**
- FPE Type II
- FPE Type I
- FIRES
- Diving Equipment & Recompression Chamber
- Inflatable Boats & Motors

**Special Tools**
- HMMWV
- FMTV
- HEMTT A4
- Sample Kits
PM SKOT in Operation New Dawn & Operation Enduring Freedom
PM-SKOT is the Army’s 1st Source for Tools

System and Sustainment Acquisition
Life Cycle Management for Sets, Kits, Outfits & Tools

Leading The Way In Support

Right PRODUCT
Right TIME
Right PRICE
Tools Stores
- Bagram AFB, Afghanistan
- Kandahar, Afghanistan

Support to outlying FOBs can be arranged through the Tool Stores via e-mail

Mission Support
- Expanded Tool Store mission
  - 3 personnel per location – more robust liaison ISO RIP/TOA and RESET planning
  - Satisfy need for increased presence in theater, and allow staff to travel regularly to FOBs for customer service

1st Source
A web based, automated process to place orders and/or grant waivers whenever PM-SKOT is unable to support the warfighters’ mission.

Warranty
Efficient online warranty claim submissions and warranty claim tracking.

Replacement
Secure online credit card purchasing for tools not covered by manufacturer’s warranties.

https://pmskot.army.mil
The Diving/Boats and Motors group manages those Sets, Kits, Outfits utilized by US Army Engineer, SOF divers, and other Soldiers who require diving equipment and inflatable boats.

Examples of Diving systems are the Family of High Pressure Breathing Air Compressors, Closed/Open SCUBA sets, recompression chambers and the Break Away Divers Air Stowage System.

The Family of Boats and Motors (FoBaM) is a new program of record, which consists of the 3, 7, and 15-person inflatable combat craft, associated 7&15-person boat submersible outboard motors, and a Rigid Inflatable Combat Support Craft. The FoBaM will replace current outdated Legacy systems.
## System Description

The FoHPBAC will provide pure breathing air in support of SCUBA, Surface Supplied Diving operations, Fire Fighting Missions, and Chemical. This set will serve to replace and modernize aging and failing life support equipment. This system is 100% commercial off the shelf. Must be on the Approved for Military Use List (AMU).

This set will consist of 3 different compressor variants.
- **Type I**: 26 CFM 5000 psi compressor
- **Type II (Diving)**: 6.0 CFM 5000 psi compressor
- **Type II (Fire)**: 6.0 CFM 5000 psi compressor

MOS: Engineer Diver (12D), Special Forces Diver (18 series), RANGERS combat diver, 21M Fire Fighters.

## Fielding

<table>
<thead>
<tr>
<th>Total AAO: 259</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAO: Type I-64,</td>
</tr>
<tr>
<td>AAO: Type II-97</td>
</tr>
<tr>
<td>AAO: Type II Fire-98</td>
</tr>
<tr>
<td>Systems Fielded: 0</td>
</tr>
</tbody>
</table>

### Type II (Diving & Fire)

- Blast cabinet (Fire)

### Type 1

## Key Milestones

- CPD 1 Star Review 1Q FY12
- CPD 3 Star Review 3Q FY12
- MSC 3Q FY13

## Performance/Issues

### Performance
- Meets Joint Requirements

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**Leader The Way In Support**
Underwater Construction Set (UWCS)

**System Description**

The UWCS will provide the tools and equipment required to support all Engineer Diving operations. The set consists of five individual containers (QUADCON). Planned footprint reduction to four containers.

- Salvage package used for lifting heavy debris and recovering objects up to 160,000 pounds.
- Cutting and welding package used for underwater and surface operations.
- Recon package with tools to locate and mark underwater obstacles, and perform engineer reconnaissance.
- Hydraulic tool package used for construction/debris removal and cutting concrete, wood, and metal.
- Hand tools and hardware package for surface construction and support tools.

MOS 12D Diver

<table>
<thead>
<tr>
<th>Fielding</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAO: 9</td>
</tr>
<tr>
<td>Fielded: 0</td>
</tr>
</tbody>
</table>

| Performance/Issues |

**Key Milestones**

- CPD drafted 2Q FY11
- World Wide Staffing anticipated 4Q FY12
- MSC 4Q FY14

**Performance**

- Compatible with joint diving systems
- Modernization of equipment and the addition of ENFIRE capability
# Deep Sea Set (DSS) (New Start)

## System Description

The DSS provides a surface supplied diving system that meets all commercial and military safety standards.

**Major assemblies:**
- Helmet assembly: keeps the diver’s head dry and provides communications with the surface.
- Umbilical assembly: supplies breathing air, communications, depth monitoring and a strength member supporting the diver’s weight.
- Communications assembly: allows three divers and the diving supervisor to communicate.

The set can be used to a depth of 250 feet and is the only system that protects the diver while conducting heavy construction and salvage operations.

## Fielding

| AAO: 9 | Fielded: 0 |

### Key Milestones

- World Wide Staffing: 3Q FY12
- Funding: FY14
- Milestone C: 4Q FY14

## Performance/Issues

**Performance**
- Compatible with joint diving systems.
### System Description

The SSAB will support SCUBA Teams conducting underwater reconnaissance, demolition, repair, light salvage and recovery missions to a maximum depth of 130 feet. This program will reduce the logistical footprint by eliminating obsolete equipment, and reducing the number of programs.

It will consist of the following components:

<table>
<thead>
<tr>
<th>Emergency Oxygen Delivery System</th>
<th>AED</th>
<th>Stretchers</th>
<th>Medical Aid Bags</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Lines</td>
<td>Recovery Lines</td>
<td>Rescue Strop</td>
<td>Warning Flags</td>
</tr>
</tbody>
</table>

MOS: 12D, 18 series, and other Combat Divers

### Key Milestones

- CPD combining Set A and B drafted
- Milestone C

### Fielding

<table>
<thead>
<tr>
<th>AAO:</th>
<th>TBD</th>
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</thead>
<tbody>
<tr>
<td>Fielded:</td>
<td></td>
</tr>
</tbody>
</table>

- Emergency Oxygen System
- Oxygen Booster Pump
- AED

### Performance/Issues

<table>
<thead>
<tr>
<th>Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compatible with joint diving systems</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Issues</th>
</tr>
</thead>
<tbody>
<tr>
<td>SF MTOE change and current shortages</td>
</tr>
</tbody>
</table>
System Description

The DPS will replace legacy systems with a COTS item at a reduced footprint, increased sustainability, and lower cost. It will increase the operational capability of these units by providing the means to safely and effectively transport operators to shore from surface and subsurface platforms with reduced fatigue and increased distance traveled underwater.

Capabilities supported include: IED search, assault landings, reconnaissance and river crossing operations, infiltration and ex-filtration, long-range surveillance, amphibious raid operations, surface swimming operations, submarine operations, riverine operations, water airborne operations, and search and rescue operations.

MOS 18 Series and possibly 12D Engineer Diver

Key Milestones

- Funding: Currently Unfunded
- World Wide Staffing: 1Q FY12
- Milestone C: 2Q FY14

Fielding

AAO: 331

Performance/Issues

Performance

Issues

- Legacy system leaves capability gaps revealed during OEF and OIF
**System Description**

The FoBaM will consist of a 3-Person Pneumatic Combat Reconnaissance Craft (P-CRC), 7-Person Inflatable Combat Raiding Craft (I-CRC), 15-Person Inflatable Combat Assault Craft (I-CAC), I-CRC and I-CAC Submersible Outboard Motors, and a Rigid Inflatable Combat Support Craft (RI-CSC). The FoBaM will replace current outdated Legacy systems.

The FoBaM will support a variety of operations such as: assault landings; reconnaissance and river crossing operations; infiltration and exfiltration; long-range surveillance; amphibious raid, surface swimming, dive, submarine, riverine, anti-mine, bridging, and air operations; underwater construction; underwater repair work; dam and pier repairs; light salvage; and humanitarian aid/disaster relief.

**Fielding**

<table>
<thead>
<tr>
<th>AAO:</th>
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</thead>
<tbody>
<tr>
<td>3-Person Boat: 850</td>
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</tr>
<tr>
<td>7-Person Boat: 973</td>
<td></td>
</tr>
<tr>
<td>15-Person Boat: 563</td>
<td></td>
</tr>
<tr>
<td>7-Person Boat Motor: 932</td>
<td></td>
</tr>
<tr>
<td>15-Person Boat Motor: 337</td>
<td></td>
</tr>
<tr>
<td>Rigid Inflatable Boat: 30</td>
<td></td>
</tr>
</tbody>
</table>

**Key Milestones**

- CPD package to TRADOC 2QFY11
- DA One Star Level (Projected) 4QFY11
- DA Three Star Level (Projected) 4QFY11
- CPD Final Approval 1QFY12
- NAVSEA Testing 2QFY13
- Milestone C (7-Man and 15-Man Craft w/ associated outboard motors) 4QFY13

**Performance/Issues**

**Future Requirement:**

- Funding planned for new requirement in FY13-17 POM
Soldier Portable SKOTs are those that are transported to its place of final use in a single person or multi-person carry container. In other words, they do not require a Materiel Handling Equipment to transport. Though Soldier Portable SKOTs reside within the Engineering Group for PM SKOT, they in fact support both Ordnance and Engineer type missions. Examples of soldier portable SKOT include the Pioneer Support Sets and the Carpenter’s Tool Kit (CTK). There are literally dozens more that range from general hand tools, carpentry tools, and specialized weapon repair. The number of soldier portable SKOTs distantly out number all other types of SKOTs Engineer systems also encompasses the Engineer Combat and Construction Sets (ECACS) as well.
**System Description**

The VSECK will combine eight existing sets into a family of systems through modernization, standardization and/or consolidation. The sets includes hand and power tools used by carpenters, plumbers, pipefitters, electricians, and concrete & mason craftsmen. Some existing sets have been in the Army inventory since 1960.

The VSECK will provide upgraded, state-of-the-art capabilities; reduce redundancies thereby minimizing the logistics footprint; provide rapid inventory of items; and reduce configuration management barriers and costs by providing warranted tools with a means of easy replacement through the PM SKOT warranty and replacement website.

**Fielding**

<table>
<thead>
<tr>
<th>AAO</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type I – Carpenters Tool Kit Squad</td>
<td>12,095</td>
</tr>
<tr>
<td>Type II – Carpenters Supplemental Tool Kit (CSTK)</td>
<td>1,075</td>
</tr>
<tr>
<td>Type III – Carpenters Tool Kit (CTK)</td>
<td>317</td>
</tr>
<tr>
<td>Type IV – Electricians Tool Kit</td>
<td>945</td>
</tr>
<tr>
<td>Type V – Mason and Concrete Finishers</td>
<td>901</td>
</tr>
<tr>
<td>Type VI – Plumbing &amp; Pipefitters Kit</td>
<td>901</td>
</tr>
</tbody>
</table>

**Key Milestones**

- CPD development complete  2\textsuperscript{nd} Qtr FY 12
- World Wide Staffing       3\textsuperscript{rd} Qtr FY 12
- Approval and Cards Number 4\textsuperscript{th} Qtr FY 12
- Milestone C               4\textsuperscript{th} Qtr FY 13

**Performance/Issues**

**Performance:**

- This system is in the early phases of program development, acquisition and life cycle management responsibilities.

**Performance:**

- This system is in the early phases of program development, acquisition and life cycle management responsibilities.
## Kits for Evidence Collection and Detainee Processing (KECDP)

### System Description

KECDP is being developed to standardize the processing and data collection of persons detained during military operations and will consist of an Individual Point of Capture Kit (IPOCK), Leader Point of Capture Kit (LPOCK), Team Evidence Collection Kit (TECK), and Platoon Evidence Collection Kit (PECK).

Actions at the point of capture (POC); the point at which a Soldier has custody of, and is responsible for safeguarding, a detainee can directly affect the mission success and could have a lasting impact on U.S. strategic military objectives. A standardized kit is needed for the proper and legal gathering of evidence, personal items and documentation of each detainee.

Some items to be included in the kit: Camera, audio recorder, memory cards, restraint cuffs, evidence bags, DA Forms, and document protection.

### Fielding

<table>
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<tr>
<th>Action</th>
<th>Status</th>
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<tr>
<td>AAO: 33,624</td>
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No image available

### Key Milestones

- Counter-Personnel Joint Non-Lethal Effects ICD: 7APR2009
- Special Operations CI/HUMIT ONS #13045
- CPD Development Complete: 3rd Qtr FY 12
- World Wide Staffing: 4th Qtr FY 12
- Approval and Cards #: 2nd Qtr FY 14
- Milestone C: 2nd Qtr FY 14
- IOC: 3rd Qtr FY 14
- FOC: 3rd Qtr FY 19

### Performance/Issues

**Performance:**
- This system is in the early phases of program development, acquisition and life cycle management responsibilities.
- This program is designed to be a standardized kit across the army for use by Soldiers in detainee point of capture.
The Fire Fighting group manages those Sets, Kits, Outfits, and Tools utilized by U.S. Army uniformed firefighters, and soldiers who require portable fire suppression equipment.

Firefighter Individual Requirements Equipment Sets (FIRES) will standardize firefighting equipment for individual firefighters.

The Firefighter Protection Equipment (FPE) Set will provide a mobile fire suppression capability. The FPE consists of three types of systems: Soldier-Portable (Type 1), Medium (Type 2) and Large (Type 3).
# Fire Protection Equipment (FPE) Set

## System Description

The FPE systems are superior firefighting tools that provide the Soldier with enhanced fire suppression capabilities in both urbanized and complex terrain. The FPE sets take full advantage of current technological advances for firefighting. It mitigates gaps in convoys and airfield fire safety operations. FPE equipment enables Soldiers to conduct safer and more effective firefighting operations. The Fire Protection Equipment set consists of three types of systems: Soldier-Portable (Type 1), Medium (Type 2) and Large (Type 3).

- **Type 1** is a Single User Rechargeable Foam Firefighting System (SURFFS) that is soldier portable
- **Type 2** is a Vehicle Mounted Mobile Operated Foam Firefighting System (VMMOFFS)
- **Type 3** is a Mobile Operated Foam Firefighting System (MOFFS)

## Fielding

<table>
<thead>
<tr>
<th>Type</th>
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<tbody>
<tr>
<td>Type 1</td>
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<tr>
<td>Type 2</td>
<td>2,048</td>
</tr>
<tr>
<td>Type 3</td>
<td>543</td>
</tr>
</tbody>
</table>

First Unit Equipped (FUE): 4QFY12
ZLIN Awaiting Approval from LOGSA, CARDS No. 06075

## Key Milestones

- CPD approved 1QFY12
- CARDS No. Assigned 1QFY12
- Procure from GSA Contract (GS-07F-0083V) 3QFY12
- Type Classification 4QFY12

## Performance/Issues

- Documents being developed and staffed for MDA decision
Ordnance Systems

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Questions