

# SOW CHANGE PROPOSAL

SOW-03-837-2-09599A-2/1  
SOW-04-CLSE-09599A-2/1

Change 1  
Change 1

21 November 2002

STATEMENT OF WORK (SOW)  
for the  
Inspection and Repair Only As Necessary (IROAN)  
of the  
ARMORED COMBAT EARTHMOVER (ACE)  
NSN 2350-00-808-7100

SOW-03-837-2-09599A-2/1                      Change 1  
SOW-04-CLSE-09599A-2/1                      Change 1

## 1. Change: Paragraph 2.2 Other Government Documents and Publications

Add the following to Paragraph 2.2 Other Government Documents and Publications:

<i>MI 09599A-35/* (Draft)</i>	<i>Installation of New Design Drive Hub and Sprocket and Modification on Final Drive Shaft</i>
<i>MI 09599A-45/* (Draft)</i>	<i>Actuator Access Plates Installation</i>
<i>MI 09599A-45/* (Draft)</i>	<i>Actuator Mounting Ring Installation For M9 Armored Combat Earthmover</i>
<i>MI 09599A-25/* (Draft)</i>	<i>Installation of Final Drive Fluid Levels Dipstick</i>

## 2. Change: Paragraph 3.3.2.a Service And Parts Manual from:

a. **SERVICE AND PARTS MANUAL:** The Service and Parts Manuals listed below contains repair procedures and repair parts for the complete M9 ACE. The Trouble Shooting Guide contained in these manuals are to be used along with the Pre-Induction Checklist in helping identify deficiencies with the M9 ACE. Repair procedures contained in these manuals are to be used to repair deficiencies identified on the Pre-Induction Checklist (Appendix A).

TM 09599A-10/1	Operators Manual
TM 09599A-24/2	Organization and Maintenance Manual, Volumes 1 and 2.
TM 09599A-24P/3	Organization and Maintenance Manual (Repair Parts)
TM 9-4910-571-12&P w/chg 1&2	Simplified Test Equipment for Internal Combustion Engines Reprogrammable (STE/ICE-R) Operators Manual

The Service Manuals listed may contain provision for corrosion control, painting, and packaging. Provisions for corrosion control, painting, and packaging is provided within this SOW and shall be the superseding requirement. Maintenance task identified in the service manual shall be followed in the IROAN of the M9 ACE.

Repair parts are listed in TM 09599A-24P/3. All repair/replacement parts shall be ordered using this manual. TM 09599A-24P/3 also establishes the basic configuration of the Marine Corps M9 ACE.

TM 09599A-24/2 contains many STE/ICE-R troubleshooting procedures. Follow test procedures in TM 9-4910-571-12&P w/chg 1&2 to run the STE/ICE-R CI Engine GO NO-GO Chain, Page 3-17 of TM 09599A-24/2. Refer to TM 9-4910-571-12&P w/chg 1&2 and repair or replacement procedures in chapter 4 of TM 09599A-24/2 to complete all equipment conditions. All STE/ICE-R test identified in TM 09599A-24/2 shall be conducted to determine condition of components/systems being tested.

**To read:**

a. **SERVICE AND PARTS MANUAL**: The Service and Parts Manuals listed below contains repair procedures and repair parts for the complete M9 ACE. The Trouble Shooting Guide contained in these manuals are to be used along with the Pre-Induction Checklist in helping identify deficiencies with the M9 ACE. Repair procedures contained in these manuals are to be used to repair deficiencies identified on the Pre-Induction Checklist (Appendix A).

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<i>MI 09599A-35/* (Draft)</i>	<i>Installation of New Design Drive Hub and Sprocket and Modification on Final Drive Shaft.</i>
<i>MI 09599A-45/* (Draft)</i>	<i>Actuator Access Plates Installation</i>
<i>MI 09599A-45/* (Draft)</i>	<i>Actuator Mounting Ring Installation for M9 Armored Combat Earthmover.</i>
<i>MI 09599A-25/* (Draft)</i>	<i>Installation of Final Drive Fluid Levels Dipstick</i>

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SOW and shall be the superseding requirement. Maintenance task identified in the service manual shall be followed in the IROAN of the M9 ACE.

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***Modification Instructions not applied prior to IROAN shall be applied during IROAN. Use of the draft Modification Instructions is authorized.***

3. **Change:** Appendix C from:

## **CONFIGURATION CHECKLIST ARMORED COMBAT EARTHMOVER (ACE). MODEL M9**

**VEHICLE:**

Vehicle OEM Serial Number \_\_\_\_\_

Marine Corps Registration Number \_\_\_\_\_

OEM Model Number \_\_\_\_\_

Vehicle Hours At Pre-Induction \_\_\_\_\_

**VEHICLE ENGINE:**

Original Vehicle Engine Serial Number \_\_\_\_\_

Engine Required Replacement YES \_\_\_\_\_ NO \_\_\_\_\_

Replacement Engine Serial Number \_\_\_\_\_

**VEHICLE TRANSMISSION:**

Original Vehicle Transmission Serial Number \_\_\_\_\_

Transmission Required Replacement YES \_\_\_\_\_ NO \_\_\_\_\_

Replacement Transmission Serial Number \_\_\_\_\_

**VEHICLE STEER UNIT:**

Original Vehicle Steer Unit Serial Number \_\_\_\_\_

Steer Unit Required Replacement YES \_\_\_\_\_ NO \_\_\_\_\_

Replacement Steer Unit Serial Number \_\_\_\_\_

**APPROVED CONFIGURATION CHANGES:**

There are no approved configuration changes applicable to this IROAN Statement of Work.

**To Read:**

**CONFIGURATION CHECKLIST  
ARMORED COMBAT EARTHMOVER (ACE). MODEL M9**

**VEHICLE:**

Vehicle OEM Serial Number \_\_\_\_\_

Marine Corps Registration Number \_\_\_\_\_

OEM Model Number \_\_\_\_\_

Vehicle Hours At Pre-Induction \_\_\_\_\_

**VEHICLE ENGINE:**

Original Vehicle Engine Serial Number \_\_\_\_\_

Engine Required Replacement YES \_\_\_\_\_ NO \_\_\_\_\_

Replacement Engine Serial Number \_\_\_\_\_

**VEHICLE TRANSMISSION:**

Original Vehicle Transmission Serial Number \_\_\_\_\_

Transmission Required Replacement YES \_\_\_\_\_ NO \_\_\_\_\_

Replacement Transmission Serial Number \_\_\_\_\_

**VEHICLE STEER UNIT:**

Original Vehicle Steer Unit Serial Number \_\_\_\_\_

Steer Unit Required Replacement YES \_\_\_\_\_ NO \_\_\_\_\_

Replacement Steer Unit Serial Number \_\_\_\_\_

**APPROVED CONFIGURATION CHANGES:**

***Approved Waivers/Deviations applied during IROAN:***

***Waivers:*** \_\_\_\_\_

***Deviations:*** \_\_\_\_\_

***ECPs generated by approved Waivers/Deviations:*** \_\_\_\_\_

***Modification/Technical Instructions:***

***MI 09599A-35/\* (Draft) Applied Prior IROAN \_\_\_\_\_, During IROAN \_\_\_\_\_.***

***MI 09599A-45/\* (Draft) Applied Prior IROAN \_\_\_\_\_, During IROAN \_\_\_\_\_.  
Actuator Mounting Ring Modification.***

***MI 09599A-45/\* (Draft) Applied Prior IROAN \_\_\_\_\_, During IROAN \_\_\_\_\_.  
Actuator Access Plate Modification.***

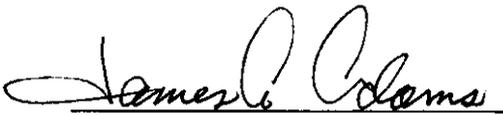
***MI 09599A-25/\* (Draft) Applied Prior IROAN \_\_\_\_\_, During IROAN \_\_\_\_\_.***

***The four draft Modifications shall be installed during IROAN. Parts required by modifications will be provided to the contractor upon induction of the M9 Ace into the IROAN cycle.***

If approved, does this proposed change have the potential to have an impact on the cost or schedule?

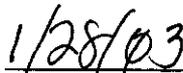
\* Yes / X / or No /    / (Place an X in the appropriate block)

\* Changes that have the potential to impact cost or schedule will be reviewed by Maintenance Directorate (MD) and an impact statement provided to SCMC. Changes that do not have the potential to impact cost or schedule may not be reviewed by MD.

Change Submitted by:   
James A. Adams  
Equipment Specialist  
PMM152  
MARCORSYSCOM, Albany GA.

21 November 2002

Change Approved by:   
James A. Adams  
Equipment Specialist  
PMM152  
MARCORSYSCOM, Albany GA.

  
(Date)