



MARINE CORPS SYSTEMS COMMAND

EQUIPPING THE WARFIGHTER TO WIN



USMC Handwear



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USMC FROG Glove Improvement

Current Flame Resistant Organizational Gear (FROG) Glove



Description

- Top and sleeve – DWR treated Nomex Simplex
- Palm and fingers – WR treated leather (provides grip)
- Long sleeve
- Hook and loop closure around wrist

Fielding/Sustainment

- STAP (Special Training Allowance Pool) - Deployments to Afghanistan increased STAP AO to 100,450
- BOI increased to 2 per
- Current fielding through GSA FY10 contracts

Issues

- Durability – stitches coming apart
- When leather palm gets muddy – loses all grip
- Dry time – takes too long to dry once wet



FROG Glove Program Objectives

Near Term

- Completed LUE at AP Hill in April 2011 testing new WR technologies to improve WR, dry time, and durability.
- LUE data analysis 3rd Qtr FY11
- Laboratory testing 3rd Qtr FY11

Mid Term

- Web Survey 3rd/4th Qtr FY11
- Test other designs (e.g. hard knuckles, wrist protection) 4th Qtr FY11.

Longer Term

- Potential solicitation development 1st Qtr FY12 and solicitation release 2nd/3rd Qtr FY12.



USMC CW Glove System Improvement

Current
Cold
Weather
(CW) Glove



Description

Market survey was conducted for a glove with improved cold/wet weather protection to possibly replace USMC's current 5-finger CW glove, NSN 8415-01-457-1557:

CW Glove System Requirements

- Cold/wet weather protection and insulation
- Waterproof yet breathable with water repellant outer shell
- Fast drying
- Removable water repellant insulated liner
- Good durability

CW Glove System Requirements (continued)

- Good dexterity & grip
- Will not freeze
- Clo value – 1.2 minimum
- Liner can be used with the shell, or as a stand alone item



CW Glove Program Objectives

Near Term

- LUE completed March 2011 at MWTC
- LUE data analysis 3rd Qtr FY11
- Laboratory testing 3rd Qtr FY11

Mid Term

- Possible RFI to investigate shell and palm material with better WR and dry time 3rd/4th Qtr FY11

Longer Term

- Potential 2nd LUE 1st/2nd Qtr FY12



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PM ICE Website

<http://www.marcorsyscom.usmc.mil/sites/pmice/>

MARINE CORPS SYSTEMS COMMAND
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