



# OIF 5-7 Commercial Power Generators

GySgt Yanez G.V.

I MHG Engineer Maintenance Chief

USMC I MEF Headquarters Group

# OIF 5-7

## Review of Prime Power

- Commercial Generators for Prime Power
- EMTA Prime Power for Camp Fallujah
- KBR Support on commercial generators



# OIF 5-7 (con't)

## Review of Generator Support

- In-Country Purchased Generators
- Commercial Generator Supply Issues
- Tactical Generator Support





# Introduction of Prime Power

- Initial camp power support
- Facilitation of prime power at Camp Fallujah, Iraq
- Utilization of (9) 1.2 megawatt generators
- New power distribution system installed



# Benefits of Prime Power

- Eliminated a large amount of generator sites used in the past
- Provided power support for **all** hard stand buildings
- Provided one power distribution center



# EMTA Prime Power Support

Responsibilities included:

- Maintained Generators and distribution system
- Provided proper documentation for generator repairs
- Provided efficient and trained staff for emergency response and routine maintenance



# EMTA Prime Power Support

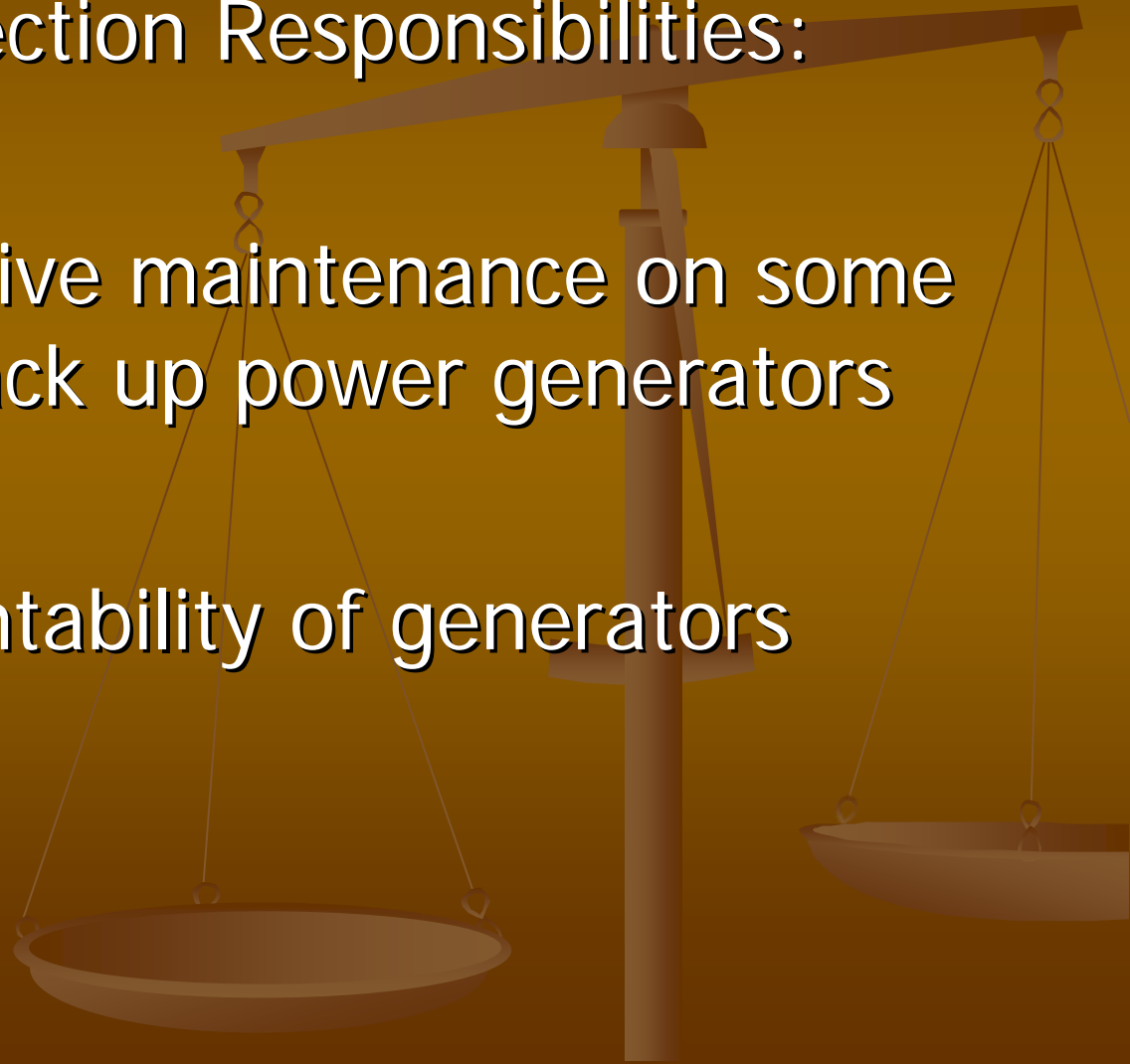
## Responsibilities (con't):

- Provided all materials for high voltage distribution
- Provide all staff continued training, including electric motor repair
- EMTA was a self sustained company
- Minimum power outages

# KBR Support of Commercial generators

## KBR Generator Section Responsibilities:

- Provide preventive maintenance on some primary & all back up power generators
- Maintain accountability of generators

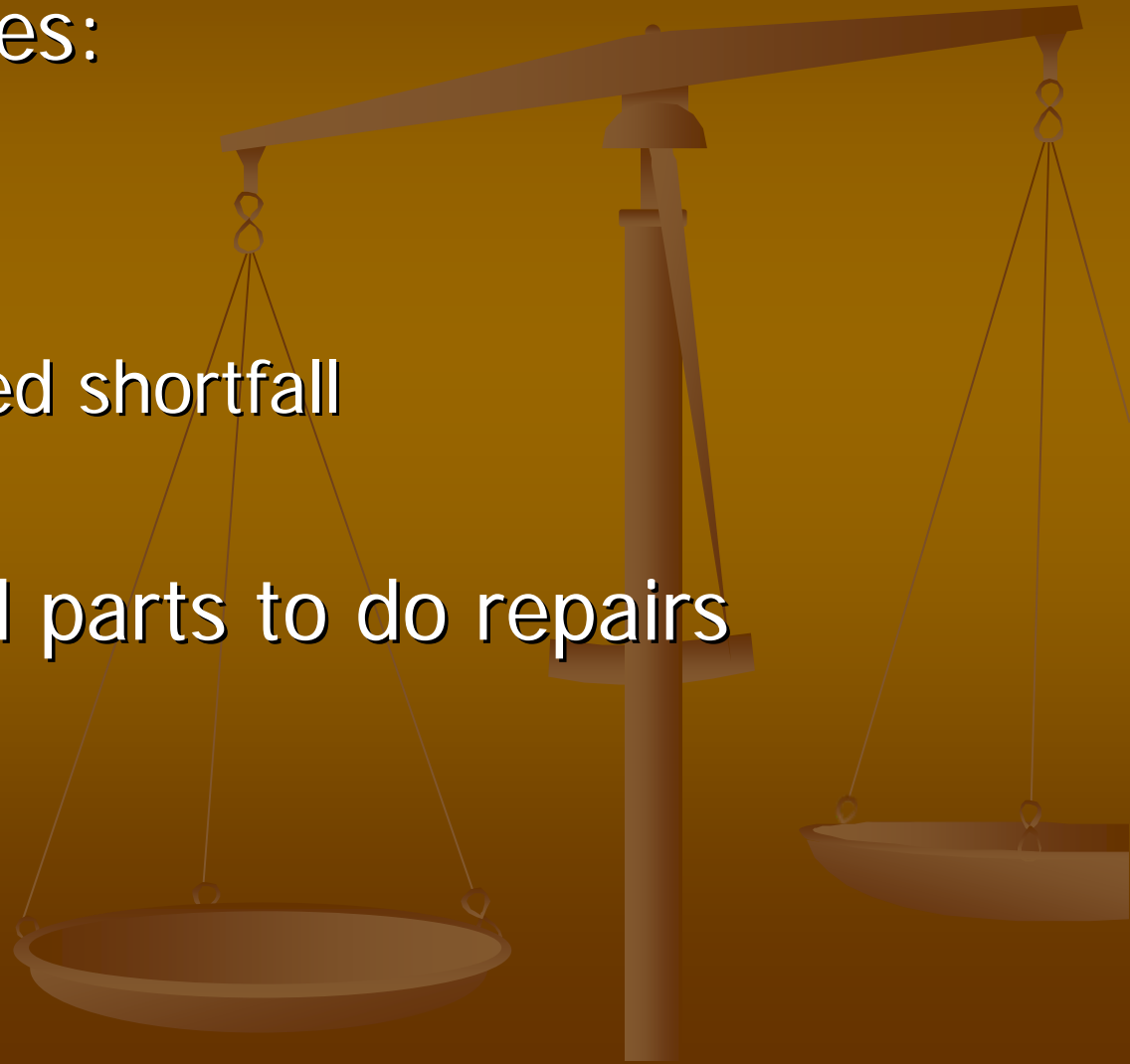




# KBR Support of Commercial generators

## Section Deficiencies:

- Understaffed
  - Marines inherited shortfall
- Lack of required parts to do repairs



# KBR Support of Commercial generators

## Actions taken:

- Assigned military personnel as the power generation representative



# In-Country Purchased Generators

- Units purchasing generators
- Several different types and models were purchased
- Insufficient training provided to Marine Corps
- Deficiencies in equipment compatibility

# In-Country Purchased Generators

- Received rebuilt equipment instead of new
- No warranty with equipment
- Technical publications and repair manuals

# In-Country Purchased Generators

Recommendations:

- Provide additional training to Marines
- Insure proper technical manuals are purchased with equipment
- Purchase same brand of generators with compatible parts

# Commercial Generator Supply Issues

- Availability of repair parts in country
- Local vendors
- Price gouging by some vendors
- Delivery of repair parts

# Tactical Generator Support

- Tactical Generator requirements
- Insufficient power
- The effect of ambient temperature
- Sand storms
- Maintenance requirements increased

# Summary:

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- EMTA Prime Power for Camp Fallujah
- KBR Support on commercial generators
- In-Country Purchased Generators
- Commercial Generator Supply Issues
- Tactical Generator Support



*Semper*  *Fidelis*

# QUESTIONS

