U.S. Army Field Support Command

Army Watercraft
Preliminary Site Survey Results
South West Asia (SWA)
19 Apr – 15 May

“The Force Behind the Force”
Agenda

• Purpose
• Mission
• Team composition
• Event schedule
• Port storage plan diagram
• Deliverables
• The way ahead
• Conclusions
Provide initial results of sites surveyed for Storage of Prepositioned Watercraft

- Bahrain (19 – 24 April)
  - Mina Salman Port
- Qatar (24 Apr – 1 May)
  - Messai’eed Port
- UAE
  - Jebel Ali Port (1- 7 May)
- Kuwait (7-15 May)
  - Kuwait Naval Base
  - Shuaiba Port
The Force Behind the Force

MISSION

Develop AMC/FSC initial technical assessment of sites selected by ARCENT for prepositioning of watercraft in SWA to implement HQDA approved Army Watercraft Restructuring Plan (AWRP).

Mission - storage/maintenance of 10 LCU 2000, 8 LCM-8, 2 Large Tugs (128 ft), 4 Small Tugs (60 ft), 1 Ton Floating Crane (115 ton), 1 Barge Fuel

Immediate, driving issues...
- CINC’s requirement (Current Ops)
- AMC Mission storage FY04/05

ARCENT decision find a suitable site to store watercraft

“The Force Behind the Force”
Team composition = 4 military and 7 civilians provides both technical/command representation

“The Force Behind the Force”
# Event Schedule

## 4 Countries, 5 Ports, 8 Sites

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<th>Date</th>
<th>19-Apr</th>
<th>20-Apr</th>
<th>21-Apr</th>
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### Full team
- Embassy in
- Embassy out
- ARCENT outbrief

### Selected team
- Mina Salman Port (two sites)
- Messai’eed Port
- Bahrain
- Qatar

### UAE
- Jebel Ali Port (three sites)

### Kuwait
- Kuwait Naval Base and Shuaiba Port

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“The Force Behind the Force”
Significant Points
Mina Salman Port Facility, Bahrain

- **Force Protection - generally in place**
  - Land side access control in place
  - US Navy / Host Nation waterside patrols in place

- **Facilities - will support prepo footprint**
  - Adequate pier space to accommodate package
  - Warehouses require improvements
  - NAVCENT developing plan to expand presence at Mina Salman
  - Will displace Host Nation port operations

- **Infrastructure - some improvement necessary**
  - Utility upgrades req’d
  - Comms required for maint management team

Meets all requirements with some modifications required (facilities/utilities), not currently US controlled

“The Force Behind the Force”
Messai’eed Port Facility, Qatar

“The Force Behind the Force”
Significant Points
Messai’eed Port Facility, Qatar

- **Force Protection** - limited
  - One land side access control point in place
  - No waterside security in place

- **Facilities** - improvements required
  - Site will accommodate prepo package
  - Pier side warehouse space available
  - Will displace Host Nation port operations

- **Infrastructure** - some improvements necessary
  - Utility upgrades required
  - Comms required for maintenance management team

Meets all requirements with some modifications required (facilities/utilities), not currently US controlled

“The Force Behind the Force”
Jebel Ali, Port facility, UAE, Primary site

FENDERING: YOKOHAMA TYPE
Dimensions: 1m Dia x 2m Long 18

Note: LCU2000
Large Tug
Small Tug
Barge Derrick
Barge Gas
LCM9
SLWT

Security light
Bollard
Fire
CCTV camera
Telephone
Potable water

Bollards have been reconfigured for best utilization of space

NITE! This drawing is not to scale, but is intended to show the limited space for positioning vessels.
Required wet stored:
10 x LCU2000's, 2 LT, 6D or 8G
Only 6 LCU2000 can be accommodated
Required dry stored:
4 ST, 8 LCMs, 7 SLWTs
Only the 4ST and 8LCMs can be accommodated

“The Force Behind the Force”
Jebel Ali, Port facility, UAE, Primary site

- **Force Protection - not in place at proposed storage piers**
  - Port is free zone with generally open access
  - US Navy has FP in place at their pier only
  - 15,000 third country nationals live on port

- **Facilities – some improvements necessary**
  - Insufficient pier space to accommodate prepo package
  - Site will not accommodate prepo package
  - Pier side warehouse space available
  - Will displace US Navy port operations

- **Infrastructure - some improvement necessary**
  - Utility upgrades required at sites
  - Comms required for maintenance management team

Does not meet requirements, currently under US control

“The Force Behind the Force”
Jebel Ali, Port Facility, UAE, Secondary

"The Force Behind the Force"
Jebel Ali, Port Facility, UAE, Secondary

• **Force Protection - not in place at proposed storage piers**
  • Port is free zone with generally open access
  • US Navy has FP in place at their pier only
  • 15,000 third country nationals live on port

• **Facilities – improvements necessary**
  • Undeveloped and not occupied; no land side structures

• **Infrastructure - improvement necessary**
  • Undeveloped and not occupied; no land side utilities
  • Comms required for maintenance management team

Meets all requirements with major modifications (MCA) required (facilities/utilities), not currently US controlled

“The Force Behind the Force”
Jebel Ali, Port Facility, UAE, Alternate

“The Force Behind the Force”
• **Force Protection - not in place at proposed storage piers**
  • Port is free zone with generally open access
  • US Navy has FP in place at their pier only
  • 15,000 third country nationals live on port

• **Facilities – some improvements necessary**
  • Adequate pier space to accommodate prepo package
  • Site will accommodate prepo package
  • Pier side warehouse space available

• **Infrastructure - some improvement necessary**
  • Utility upgrades required at sites
  • Comms required for maintenance management team

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**Significant Points**

Jebel Ali, Port Facility, UAE, Alternate

Meets all requirements with some modifications required (facilities/utilities), not currently US controlled

“The Force Behind the Force”
The Force Behind the Force

Kuwait Naval Base

Notes:
- Pool Support Facility
- Flammable water
- Fire Hydrant
- Air Supply
- Electrical Power Supply
- Security lights
- Yard Light: 130ft apart, 12 High Intensity Light per pole
- Yard Lighting

Fencing:
- Yokohama Type
  - 6: 12m Dia x 2m long
  - 15: 8m Dia x 2m long
  - Conventional Type
  - 20: 1m Dia x 1m long

Notes:
- LCU2000
- Large Tug
- Small Tug
- Barge Derrick
- Barge Gas
- LCM8
- SLWT

Slab for Electric Panel

Not to Scale

Harbor/Watercraft
Significant Points
Kuwait Naval Base

• **Force Protection - generally in place**
  - Land side access control in place
  - Waterside access concerns

• **Facilities - will support prepo footprint**
  - Adequate pier space to accommodate prepo package
  - Marine lift in place to support dry storage and most maint reqt’s
  - Add warehousing / office space / covered storage

• **Infrastructure - in place**
  - Required pier side utilities in place
  - Comms required for maint management team

Meets all requirements with minor modifications required, not currently US controlled
Shuaiba Port Facility, Kuwait

"The Force Behind the Force"
Significant Points
Shuaiba Port Facility, Kuwait

- **Force Protection** - partially in place
  - Two land side access control points in place
  - No waterside security in place

- **Facilities** - some improvements necessary
  - Existing barge basin will accommodate prepo package
  - No pier side warehouse space available

- **Infrastructure** - some improvement necessary
  - Utility upgrades required
  - Comms required for maintenance management team

Meets all requirements with some modifications required (facilities/utilities), not currently US controlled
AMC Deliverables provided to ARCENT

- Written Technical analysis for all ports/sites inclusive of
  - Detailed storage plans (wet and dry storage)
  - Picture library of site (pier, buildings, utilities etc…)
  - Climatic data summaries
  - Power supply requirements
  - Fendering plans
  - Questions
- A Consolidated spread sheet for ARCENT selection process
  - Pier capability
  - Facilities
  - Utilities
  - Security
  - Other critical criteria
- Assisted in development of
  - Embassy briefings (in –out)
  - Teams out brief to ARCENT

AMC provided sufficient port/site details for ARCENT/CENTCOM decision on a forward storage site in AOR, (ARCENT working this issue)

“The Force Behind the Force”
The Way Ahead

Requirements:

• ARCENT/CENTCOM staff develop ‘order of merit’
• Approval by CENTCOM
• Embassy/Host Nation approval
• Funding availability
  • ARCENT POM ?,
  • Facility / infrastructure improvements
  • AMC site operations POM (need to be revisited) in FY04
• Establish Contracts (ARCENT / AMC)
• MOAs / ISSAs (ARCENT / NAVCENT / Army Materiel Cmd)
• Management in place (AMC)
• Force Protection Measures – CINC responsibility

‘The Force Behind the Force’
Conclusion

• Successful visit

• **ALL Ports visited are capable of supporting mission**

• **Infrastructure improvements vary by site**
  - Do not appear insurmountable
  - Funding required - estimates being developed
    - Some sites require major investment, others minor

• **US Embassies aware of prepositioning storage mission in FY04**

**Bottom Line: AMC Sensing, Sep 04 is still “High Risk”**
Questions/Comments?

“The Force Behind the Force”