The North East Association of Rail Shippers
2013 Fall Conference: Rochester, NY
September 24th - 26th

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Iraq and Afghanistan Railways

MAJ Scott Meyer LG USAR
SDDC Strategic Rail Operations
Iraq Railways

- Track is US standard-gauge with concrete ties
- System is primarily single track with turn-outs and passing tracks
  - Typical freight train is single 3,000-hp diesel locomotive capable of pulling 20 cars
  - Trains are limited in length due to single track design of the system and braking capability of railcars
  - CBTC is used for organized modernized rail train movement

Communication is via radio and satellite phone

Only international line connects with Syria north of Mosul
  - This line connects Iraq to Turkey
Iraq Railways
Iraq Railways

Chinese 2700’s - 74v

Russian 2800’s - 110v

Henschel 2500’s - 74v

Turkish 140’s - 24v
The track from Bayji to Kirkuk is operational, but the Al Fut-ha Bridge is damaged.

Breaks under repair to be completed by May 09

Physical Break in the Track
- Operational Track (37 UIC)
- Operational Track (60 UIC)
- Abandoned or under repair
- Needs to be tested
- Railroad Station
Iraq Railways

Minister of Transportation

Iraq Republic Railroad (IRR)

- **Taji Proof of Principle (Taji PoP)**
  - Movement of containers from Taji to Umm Qasr
  - One train a week with 40 containers starting 10 Feb
  - Opens the way for further CF cargo rail movements and commercialization of the IRR
  - Establishes the Taji to Umm Qasr rail corridor

- **The Way Ahead**
  - PoP reasserts the IRR as a vital transportation option
  - Follow on contract for continuing operations for FY 09
  - Engaging commercial carriers to partner with the IRR

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CJ 1/4/8
Iraq Railways

Minister of Transportation

Iraqi Republic Railroad (IRR)

- **Al-Fuehemi Bridge**
  - Links Western Anbar minerals industry to Baghdad and Port of Umm Qasr
  - Structural damage to 2 of 3 support beams

- **Sleeper Factory Strategic Rehabilitation Visit**
  - Formerly operated by Al-Burhan Group
  - Al-Burhan interested in restarting the factory

Ports & Waterways (Umm Qasr)

- Repair crew is set up at the NELCON cranes
- Estimated repair for first crane is 28 Jan 2009
- Dredge ‘Tieba’ performing testing and training
Iraq Railways

MULTI-NATIONAL FORCE-IRAQ

Iraqi Republic Railroad
FY 09 Continuing Operating Funding Request

February, 21 2009

MAJ Scott Meyer MNF-I CJ 1/4/8 IRR Action Officer
485-4284
Iraq Railways

Concrete Sleeper Factory and Manufacturing Process
Iraq Railways

Abu Ghraib
Iraq Railways

Taji Yard
Iraq Railways

Al Qaim
Train, Advise and Assist in the Operation of a National/Regional Rail Network

Advise & Assist in building local rail infrastructure and operations

Negotiate and monitor host nation rail support

Inspect/Assess host Nation rail infrastructure and operations

Current Capability in USAR
Expeditionary Railway Center (ERC) Designed to Train, Advise & Assist Host Nation Railroads

Advise & Assist the ISAF and Theater Cdr’s on rail operations

Develop Rail Plans & Policies for the Force Cdr. Establish a rail network to support force logistics and the goals of the Host Nation

Continue to Advise & Assist the ISAF Cdr, Theater Cdr and Host Nation

All HN Rail Capability

Afghanistan Railways and the Expeditionary Railway Center
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ARAT = Army Rail Advisory Team

ARAT 1 Task Objectives
• Afghan Rail Authority (ARA) Creation
• Standards and Regulation Development
• National Rail Plan (NRP)
• Contract Negotiation Advisory
• Human Capacity Building
• MeS-Haritan Rail line operational

ARAT 1 Contributions
• ARA Structure, Department Functions, and Job Descriptions
• NRP mine tenders and commodity mapping
• Assisted Ministry of Public Works with O&M contract completion
• Railroad 101 Training
• O&M review for Ministry of Mines, ISAF, and US Embassy
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