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



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# Iraq and Afghanistan Railways

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MAJ Scott Meyer LG USAR  
SDDC Strategic Rail Operations

# Iraq Railways

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- 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

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# Iraq Railways

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Chinese 2700's - 74v



Russian 2800's - 110v

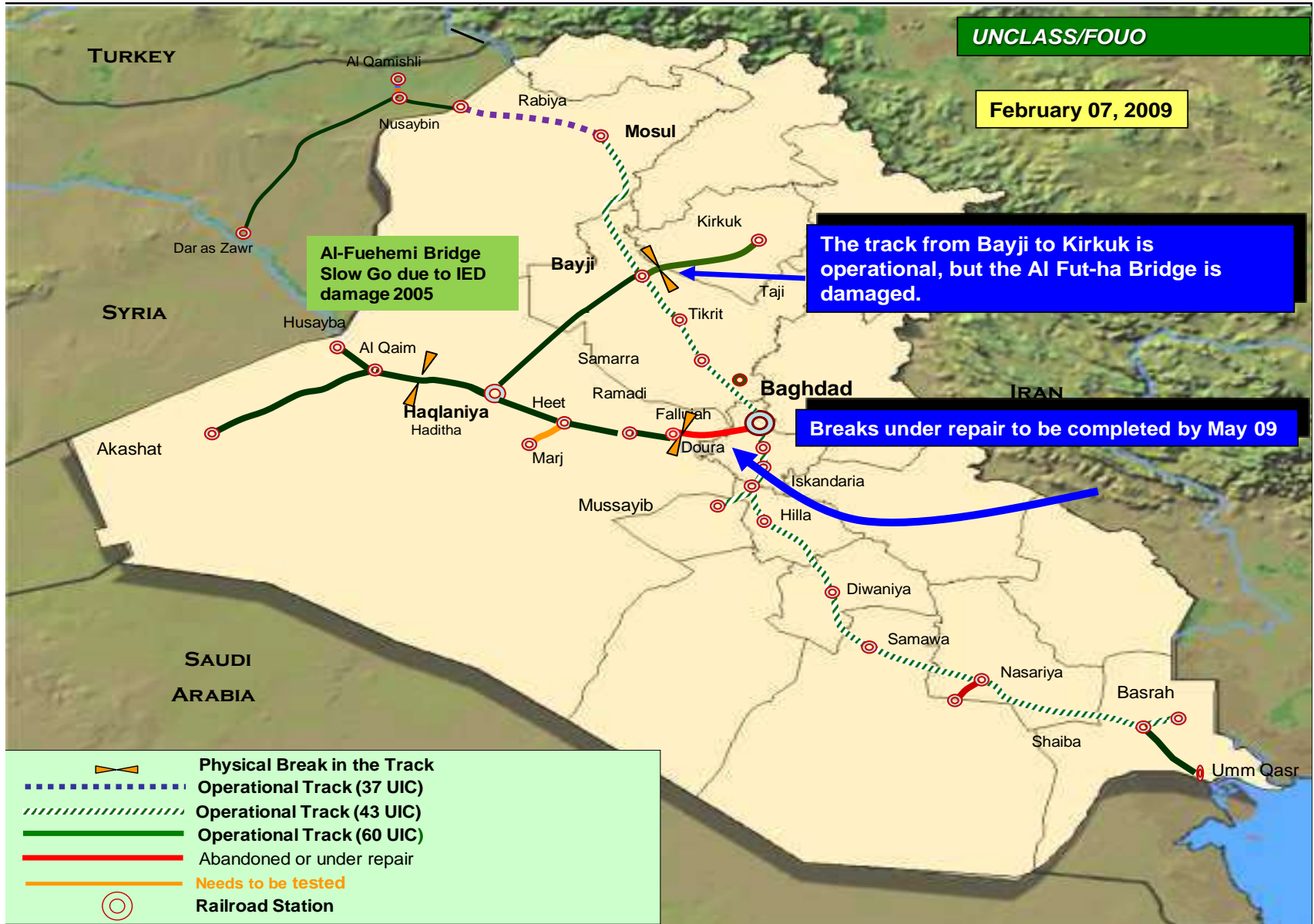


Henschel 2500's - 74v



Turkish 140's - 24v

# Iraq Railways



# Iraq Railways



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## Minister of Transportation

### Iraq Republic Railroad (IRR)

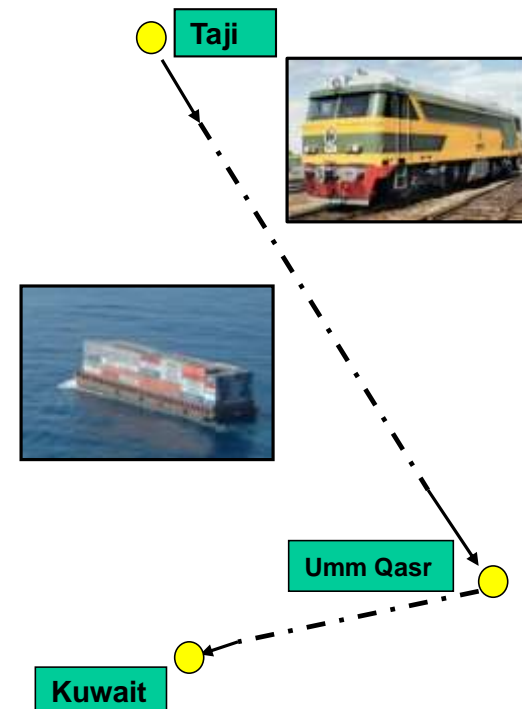
#### ◆ Taji Proof of Principle (Taji PoP)

- 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

JCP CONDITION	Improve Iraqi Rail Network
JCP OBJECTIVE	Improve Iraqi Rail Transportation of CF Commodities
KEY TASK	Improve Iraqi Rail Distribution Network



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# Iraq Railways



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## *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*

Al-Fuehemi Bridge



### *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*

NELCON Cranes



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# Iraq Railways

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## *MULTI-NATIONAL FORCE-IRAQ*

### Iraqi Republic Railroad FY 09 Continuing Operating Funding Request

February, 21 2009

# Iraq Railways



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## *Concrete Sleeper Factory and Manufacturing Process*

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# Iraq Railways

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Abu Ghraib



# Iraq Railways

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Taji Yard



# Iraq Railways

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Al Qaim

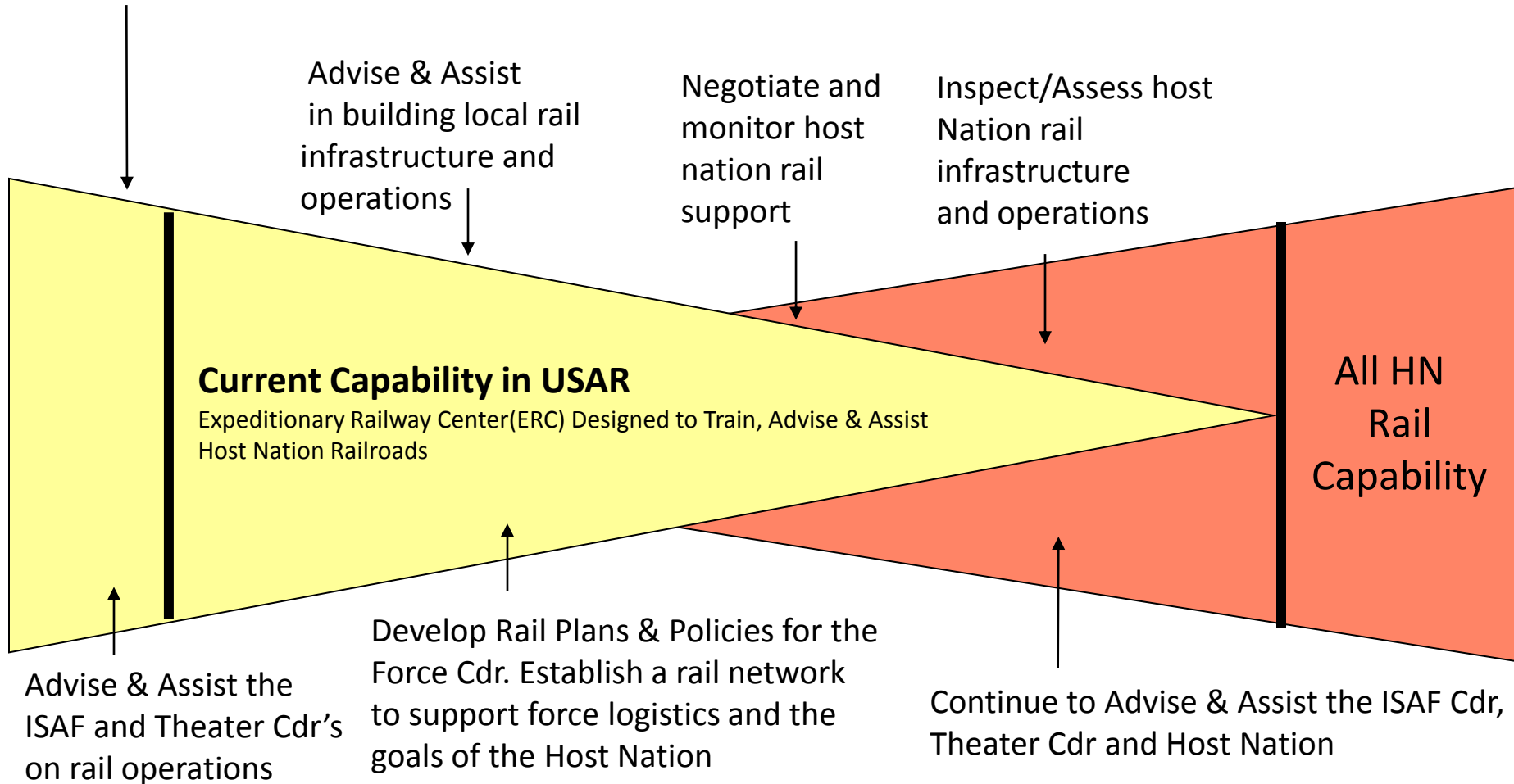
# Iraq Railways

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# Afghanistan Railways and the Expeditionary Railway Center

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



# 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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QUESTIONS

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