



MIDANPIRG ATM SG/3 Meeting Cairo, 22-25 May 2017

Jordan

Presented by
Ahmad Amireh

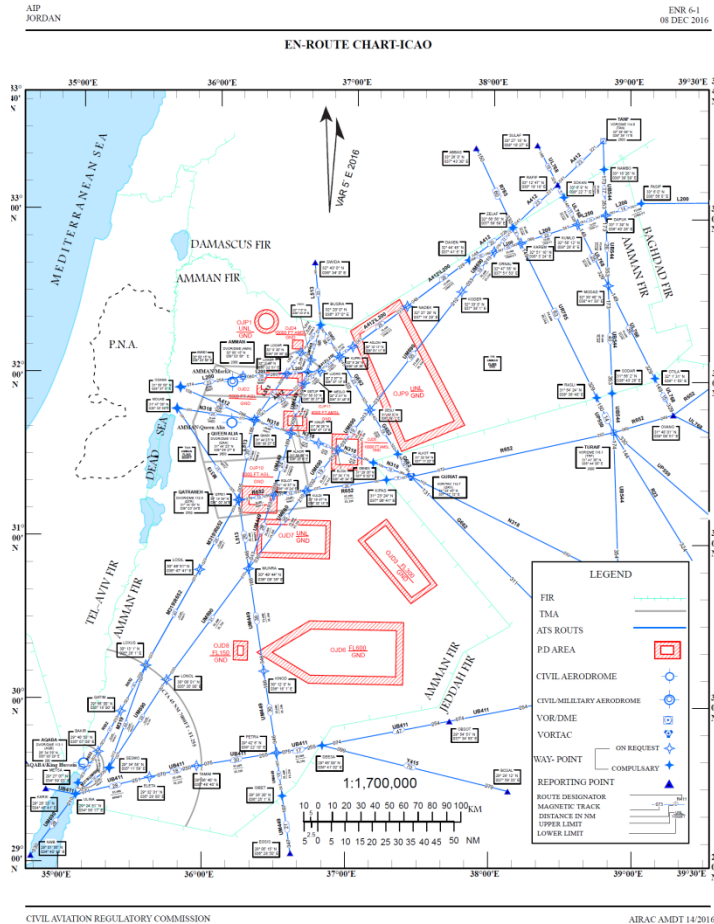


Presentation Outline

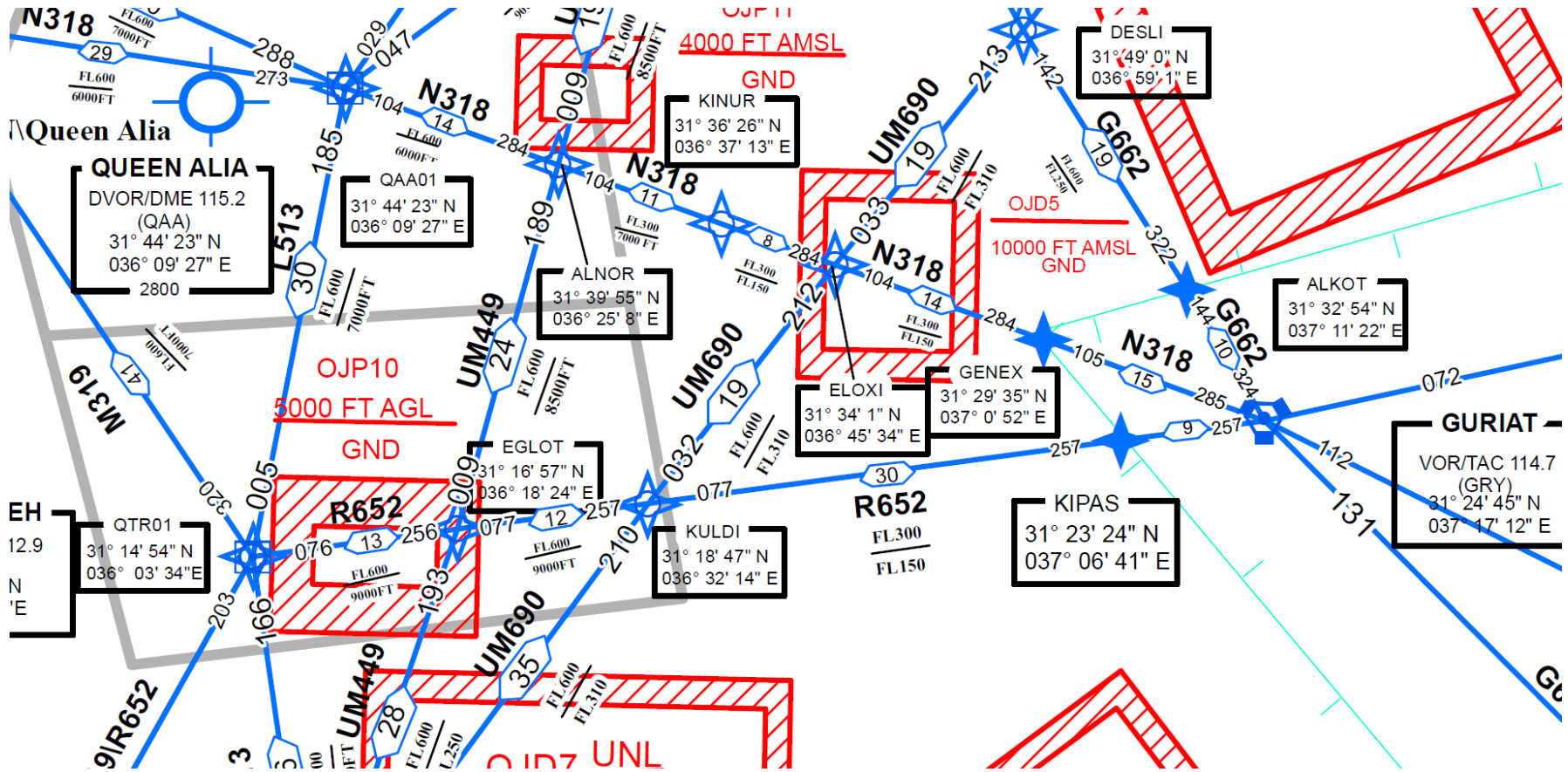
- **ATS Routes improvements implemented**
- **ATS Routes planned for implementation**
- **Challenges delaying ATS Routes Implementation, if any**
- **Other implemented or planned ATM Operational Improvements**
- **Brief regarding the ongoing ATM projects/initiatives**
- **Lessons Learned**
- **Thoughts/Recommendations**



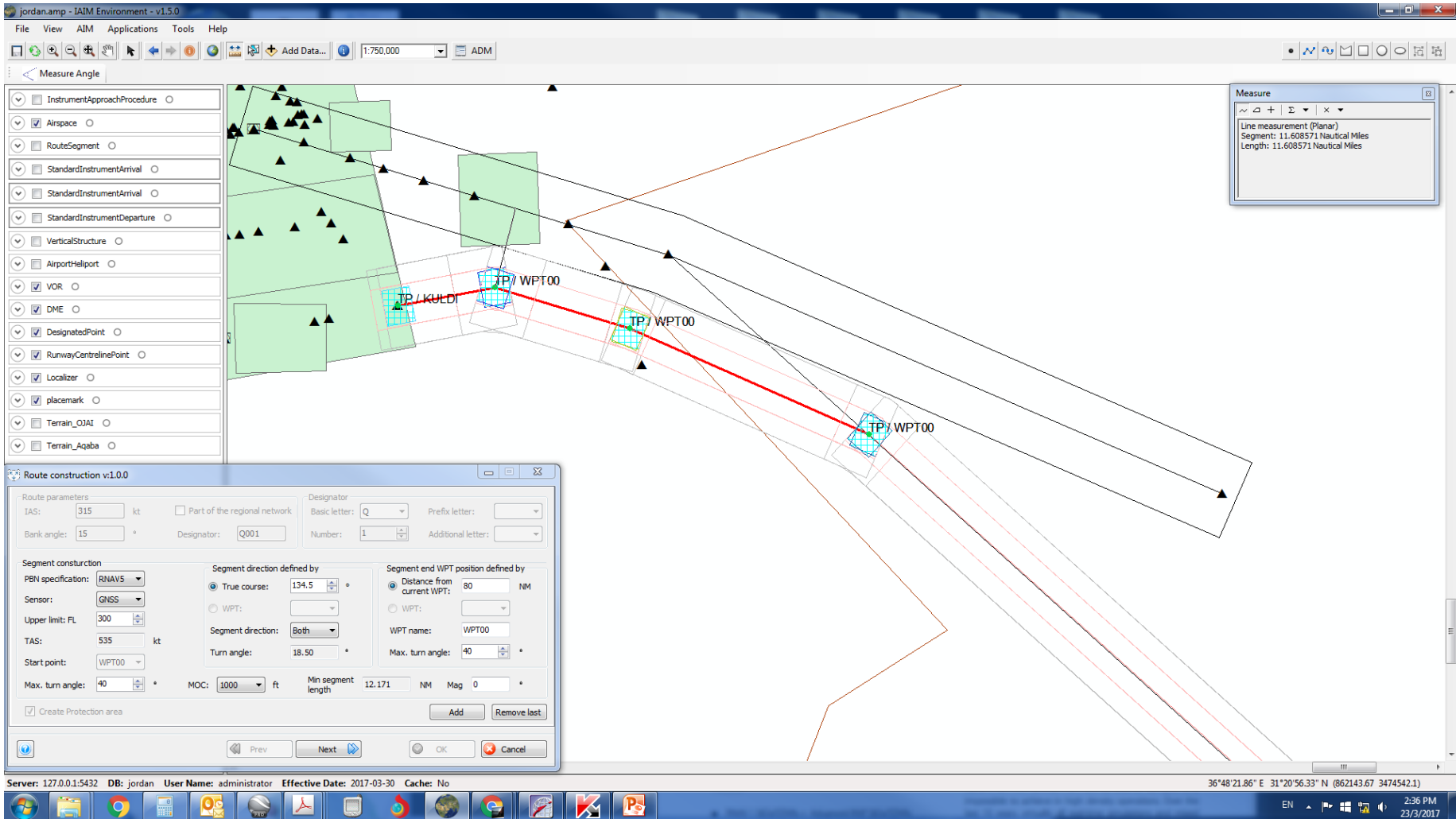
ATS Routes improvements implemented: METSA>ULINA traffic exchange with Cairo FIR



ATS Routes planned for implementation: Segregated inbound and outbound routes GRY



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Route construction v1.0.0

Route parameters
 IAS: 315 kt Part of the regional network
 Bank angle: 15 ° Designator: Q001 Number: 1 Additional letter:
 Designator: Q Basic letter: Q Prefix letter:
 Number: 1 Additional letter:

Segment construction
 PBN specification: RNAV5
 Sensor: GNSS
 Upper limit FL: 300
 TAS: 535 kt
 Start point: WPT00
 Max. turn angle: 40 ° MOC: 1000 ft Min segment length: 12.171 NM Mag 0 °
 Create Protection area

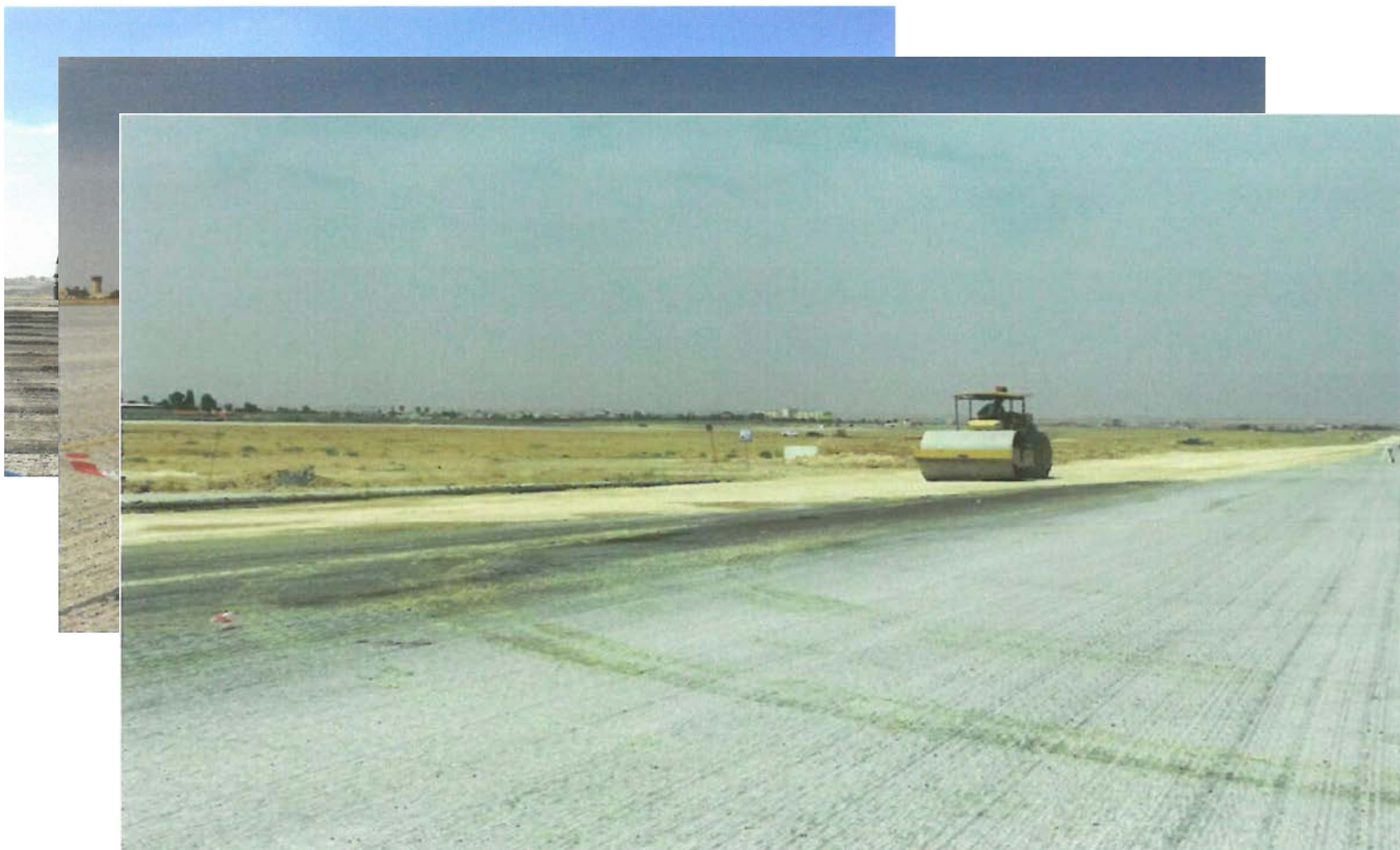
Segment direction defined by
 True course: 134.5 °
 WPT:
 Segment direction: Both
 Turn angle: 18.50 °

Segment end WPT position defined by
 Distance from current WPT: 80 NM
 WPT:
 WPT name: WPT00
 Max. turn angle: 40 °

Measure
 Line measurement (Planar)
 Segment: 11.608571 Nautical Miles
 Length: 11.608571 Nautical Miles

Server: 127.0.0.1:5432 DB: jordan User Name: administrator Effective Date: 2017-03-30 Cache: No
 36°48'21.86" E 31°20'56.33" N (862143.67 3474542.1)
 EN 2:36 PM 23/3/2017

ATM projects: North Runway at QAIA 26R/08L



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Thank you