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Civil Conflict



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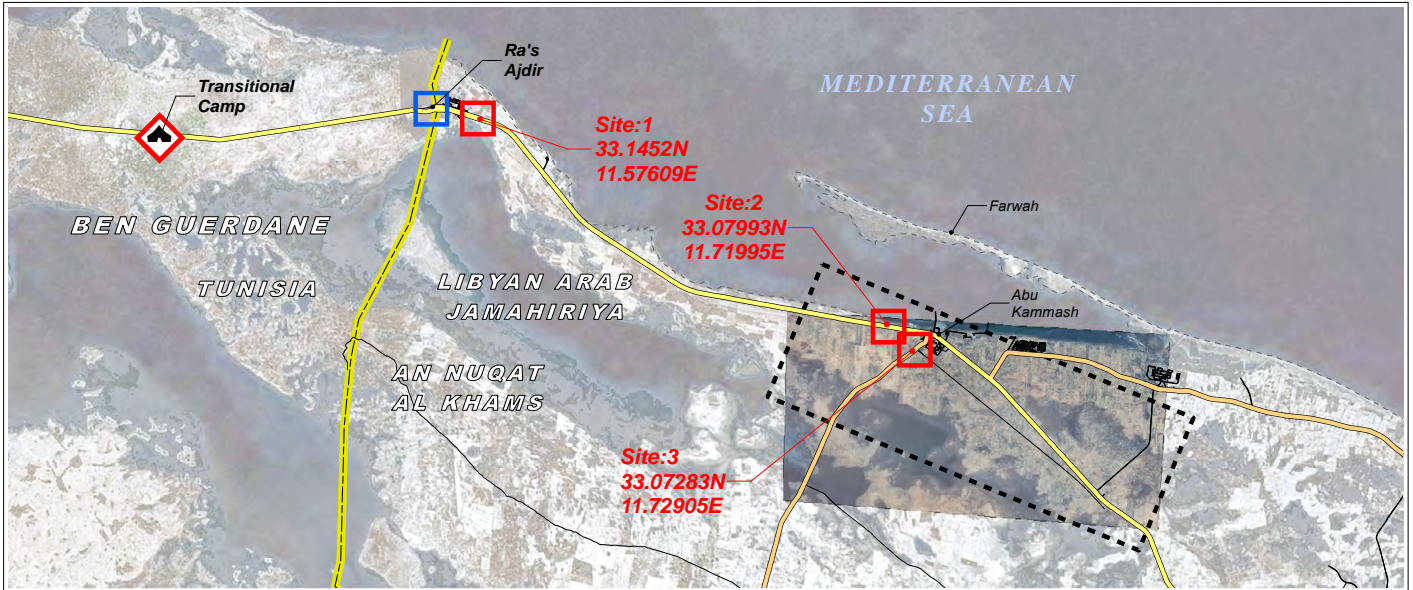
GLIDE: OT-2011-000025-LBY

UNOSAT Activation: CE20110220LBY

# Current Security Checkpoints near Town of Abu Kammash, Libya (as of 14 March 2011)

**ANALYSIS:** A review of approximately 4.2km of the main coastal road west from the town of Abu Kammash and 8.5km to the east of the town towards Zuwarah was reviewed for the presence of fixed security checkpoints, temporary road blocks and IDP concentrations using satellite imagery recorded on 14 March 2011. A further 14.5km of secondary roads leading south from Abu Kammash towards the towns of Zelten and El Assa were also assessed. No concentrations of people were identified, however a new checkpoint (Site: 3) was identified immediately south of Abu Kammash leading to the town of Zelten, established between 5 and 14 March. The

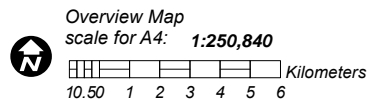
permanent security checkpoint (Site 2) immediately west of Abu Kammash (identified in the first version of this report from 5 March), remains active in controlling road traffic to the coastal border crossing of Ra's Ajdir. There are, however, no associated large concentrations of either people or vehicle traffic leading to the checkpoints. It is possible that there are additional security checkpoints or temporary roadblocks located further east of Abu Kammash beyond the current extent of this analysis. UNITAR/UNOSAT will continue to task and analyze additional satellite imagery along this transport corridor leading to the Tunisian border.



WorldView-02 satellite image recorded 14 March 2011



WorldView-02 satellite image recorded 14 March 2011



Security Checkpoint



Transitional Camp

International Border



Analysis Extent



Border Crossing

Primary Highway

Limited Access Rd.

Local Rd.

Note: Two Security Checkpoint Focus Maps have been rotated 190 degrees from North to improve image visualization

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Satellite Data (1): WorldView-02  
Imagery Dates: 14, 5, 3 March 2011  
Resolution: 50 cm  
Copyright: DigitalGlobe 2011  
Source: European Space Imaging  
Satellite Data (2): GeoEye-01  
Imagery Dates: 3 March 2011

Resolution: 50 cm  
Copyright: GeoEye 2011  
Source: EYEQ  
Road Data: Google MapMaker (2011)  
Displaced Camp data: UNITAR/UNOSAT  
Administrative Data: UNCS & UNITAR/UNOSAT

Other Data: USGS, NGA  
Analysis: UNITAR / UNOSAT  
Production: UNITAR / UNOSAT  
Coordinate System: UTM Zone 33N  
Datum: WGS 1984  
Analysis conducted with ArcGIS v10