Analysis of the Tunisian Transitional Camp - 8.5 km West of the Ra’s Ajdir Border Crossing Facility  
(As of 3 March 2011 - 11:26 am Local Time)

ANALYSIS SUMMARY: Based on automated shelter detection analysis using satellite imagery recorded 3 March 2011, a total of 1,107 tent shelters were identified within the transitional camp site measuring 19.4ha in size. Of this total, 1,003 tents were likely erected for displaced people, with a further 104 tents likely allocated for camp staff and local authorities. Based on a measurement of the average tent size, it is estimated that the current camp population capacity is approximately 5,000 people. There is currently ground prepared for an estimated 600 additional tents which could thus accommodate over 3,000 more displaced persons. The camp site could be readily expanded beyond its current configuration if needed.
Tunisian Transitional Camp Analysis
By UNITAR/UNOSAT – 4 March 2011

ANALYSIS BACKGROUND: This is a satellite-based quantitative analysis of the newly-established transitional camp for displaced peoples fleeing the conflict in Libya, located along the southern side of highway route P1, 8.5 kilometers west of the Ra’s Ajdir border crossing facility in Ben Guerdane, Tunisia. This assessment provides an estimate of the number of tent shelters erected within the camp, the average approximate tent size, and the derived potential current population capacity, as based on satellite imagery recorded on the morning of 3 March 2011. Two annotated maps of this analysis are included for reference (see pages 3-4). This report is part of an on-going satellite monitoring program of UNITAR/UNOSAT of the Libyan crisis in support of international humanitarian assistance and created to respond to the needs of UN agencies and their partners. Additional analytical reports and updates will be produced in the coming days based on new satellite imagery tasking and analysis.

TENT SHELTER COUNT ANALYSIS RESULTS:
An automated shelter detection analysis was conducted using satellite imagery recorded on 3 March 2011. A total of 1,107 tent shelters were identified with a high degree of confidence within the well-defined and structured transitional camp site encompassing a current area approximately 19.4 ha in size. Of this total, 1,003 tents were likely erected for displaced people, with a further 104 tents likely allocated for local and international humanitarian authorities responsible for the camp creation and security. The average tent measured approximately 3m x 6m (or 18m² in area). Based on official UNHCR recommended standards this would allow for a current camp population capacity of a little over 5,000 people. There is currently ground being prepared for an estimated 600 additional tents which could thus accommodate approximately 3,000 more displaced persons. The camp site could also be readily expanded beyond its current configuration if needed. This is a preliminary analysis and has not yet been validated in the field. Please send feedback to UNITAR/UNOSAT at the contact information below.

Contact Information:
Please send additions / corrections to UNITAR / UNOSAT:
unosat@unitar.org
Palais des Nations,
Geneva, Switzerland
T: +41 22 767 4020 (UNOSAT Operations)
24/7 hotline: +41 76 487 4998
www.unitar.org/unosat

1 The WorldView-2 satellite contains a very high resolution optical sensor with a spatial resolution of 50cm. Imagery provided by European Space Imaging, copyright Digital Globe 2010
2 And reviewed for accuracy with standard image interpretation methods.
Transitional Camp Analysis: 03 March 2011
Tent Count, Camp Boundaries and Expansion Areas

Transitional Camp Analysis: 03 March 2011

Tent Count Figures:
- 1,003 Tents Likely for Tunisian Camp Staff
- 104 Tents Likely for Displaced People
- Est. current population capacity: 5,000
- Est. Space prepared for additional 600 tents

Primary camp area for immediate expansion for approximately 270 additional tents

Ground under preparation for more tent capacity

Heavy concentrations of both people and vehicles near camp entrance

8.5 km to Ra’s Ajdir border crossing

33°8'20"N 11°27'50"E

Camp building facilities and main access to highway route P1

Civil Conflict
GLIDE Code: OT-2011-000025-LBY
UNOSAT Activation: CE20110220LBY

The depiction and use of boundaries, geographic names and related data shown here are not warranted to be error-free nor do they imply official endorsement or acceptance by the United Nations. UNOSAT is a program of the United Nations Institute for Training and Research (UNITAR), providing satellite imagery and related geographic information, research and analysis to UN humanitarian & development agencies & their implementing partners.
Transitional Camp Analysis: 03 March 2011
Satellite Imagery Overview

UNOSAT / UNOSAT unosat@unitar.org
Palais des Nations, Geneva, Switzerland
T: +41 22 767 4020
24/7 hotline: +41 76 487 4998
www.unitar.org/unosat

Civil Conflict
GLIDE Code: OT-2011-000025-LBY
UNOSAT Activation: CE20110220LBY

Production Date: 04/03/2011

1:4,000

Map Scale for A4: 1:4,000

Note: Map has been rotated 20 degrees from North to improve map visualization

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Tent Count Figures:
- 1,003 Tents for Displaced People
- 104 Tents Likely for Tunisian Camp Staff
- Average tent size: (3 x 6m, 18m²)
- Est. current population capacity: 5,000
- Est. Space prepared for additional 600 tents

Primary camp area for immediate expansion for approximately 270 additional tents

Heavy concentrations of both people and vehicles near camp entrance

Camper building facilities and main access to highway route P1

8.5 km to Ra's Ajdir border crossing

Ground under preparation for more tent capacity

Merci des Nations
BEN GUERDANE

Map for A4:
Note: Map has been rotated 20 degrees from North to improve map visualization