

BACTEC INTERNATIONAL LIMITED

Contribution to Cluster Bomb
and ERW Clearance
South Lebanon 2006 - 2008



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Previous Deployment in South Lebanon

- BACTEC International has undertaken Clearance Operations in South Lebanon since November 2001. The clearance statistics covered in this presentation only refer to the period post the 2006, 33 day conflict.

Time Lines

- August 2006 – Cease of military operation + 7 days
5 x EOD teams deployed onto the ground in South Lebanon (UNOPS).
- November 2006 - 7 x BAC teams deployed along with the 5 x EOD teams (UNOPS).
- 24 September 2006 – Area 6 project commenced with 300+ personnel (UAE).

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Time Lines

- January 2007 – 10 x BAC teams and 5 x EOD teams deployed (UNOPS).
- January 2008 – 11 BAC Teams (UNOPS).
- July 2008 – 6 x MCT commenced clearance of Aadeisse Mine Belt (UNOPS Funded by The Canadian Government).

EOD Team

- 1 International EOD Team Leader
- 1 x National EOD Number 2
- 1 x National Trauma Medic.
- 1 x National Driver.

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BAC Team (Initially)

- 1 x International Supervisor.
- 1 x National Team Leader.
- 10 x National Searchers.
- 1 x National Medic and support staff.

BAC Teams (Subsequently)

- 1 x National Supervisor.
- 1 x National Team Leader.
- 1 x National Deputy Team Leader.
- 9 x National Searchers.
- 1 x National Medic and support staff.

MCT

- 1 x Supervisor.
- 2 x Team Leaders.
- 8 x Deminers.
- 1 x National Medic and Support Staff.
- BACTEC had both National and Zimbabwean MCT's

EOD Team Deployment



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BAC Deployment



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MCT Deployment

Daily pre-start briefing



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Mini Mine Wolf - Addeisse



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Statistics

■ UNOPS 2006 – 2007

- BAC Tasks Completed and handed over 78.
- EOD Tasks Completed 1,780.
- Cleared 3,135,424m².
- Cluster Bombs Cleared 15,883.
- Other UXO Items Cleared 1,267.
- Anti-Personnel Mines Cleared 4.

■ Area 6 (Mine Action/EOD)

- Tasks Completed 202.
- Cleared Manually 184,958m².
- Cleared Mechanically 474,842m².
- Anti-Personnel Mines Cleared 510.
- Anti-Tank Mines Cleared 52.
- Cluster Bombs Cleared 24.
- Other UXO Items Cleared 406.

■ UNOPS 2008

■ Mid January-Mid October

- Tasks Complete 78.
- Cleared 2,684,263m².
- Cluster Bombs Cleared 2,325.
- Other UXO Items Cleared 151.
- Anti-Personnel Mines Cleared 4.

■ **Aadeisse 2008 – project completed**

■ *The Manual Clearance was completed in 44 working days.*

• **All 16 Minefields Completed and Handed Over.**

• **Cleared Manually 40,251m².**

• **Cleared Mechanically 31,969m².**

• **Anti-Personnel Mines Cleared 4,596.**

• **Other UXO Items Cleared 36.**

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Totals for the BACTEC International Deployment In Lebanon 2006-2008

- 6,551,707m² Cleared and handed back to the people of South Lebanon.
- 25,198 Explosive Items removed or destroyed.

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Termination of contract

- BACTEC International was forced to cease clearance operations mid October 2008 due to a lack of funding.
- The problem of cluster bombs and ERW remains in South Lebanon and still pose a high risk to the local population.

Concerns

- Lack of funding and the slowing down of the whole program will effect and impact the clearance being done in South Lebanon and slow it down tremendously.
- Politics (Internal or External) have no place in clearance operations.

- A comprehensive national training program should be implemented to ensure that all clearance organizations achieve and maintain the same quality and productivity throughout clearance operations.
- This will ensure measurable standards and value for money for donors, and increase the benefits to the people of South Lebanon.

Lessons Learned

- Lack of accurate target information caused problems with the deployment of EOD and clearance teams.
- Inaccurate UTM's could have caused CBU strikes to have been missed had contractors / NGOs not relocated the UTM's.

Recommendations

- Contractors / NGO personnel who understand the threat and munition types delivered should be involved to a greater extent in the planning phase, acquisition of UTM's and prioritisation of tasking.
- Pro Active approach from all parties involved in the clearance will have a positive effect on the quality and speed of the work done.



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Any Questions?



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