Implementing Plans in Article 5 Extension Requests

Why BLS?
- LIS no longer valid;
- Article 5 ER;
- Support NMAS;
- Standardize and Common approach;
- Support the Planning and Prioritization

How to achieve BLS?
- The CMAA in collaboration with the 3 operators developed a standard to record all mined and suspected mined areas and classify them according to the type and level of threat. Data collected will support prioritization mechanisms and the allocation of de-mining resources in the future.

- By July 2009, SOPs have been developed based on the CMAS-14 (BLS) and trial jointly took place in Anlongveng District to make sure that training and SOPs are sufficed and BLS activities can be started in the field in accordance with land classification;

- BLS started in August 2009 within the first 21 most contaminated district (out of an estimated 122 contaminated districts).
BLS

Desk Survey - Information gathering
Meet with village chiefs or representatives

Field Survey – Conduct of survey
Complete survey of all identified target areas within village boundaries
Move to next village

Total Achievement up to date

From Aug 2009 to Apr. 2011

Operators | Achievement (District)
---|---
CMAC | 30
HALO Trust | 11
MAG | 4
Total | 45

Actual VS ER (Dec.2010)

<table>
<thead>
<tr>
<th>ER planed</th>
<th>Actual</th>
<th>Exceeding planed</th>
</tr>
</thead>
<tbody>
<tr>
<td>21 Districts</td>
<td>33 Districts</td>
<td>12 Districts</td>
</tr>
</tbody>
</table>

Phase II Districts to be surveyed (May – Dec 2011): 18

Remaining district for Phase-III (No funding in 2012): 61
Commune level:
Number of commune in the 23 districts: 127
Number of commune found contaminated: 123
Number of commune found not contaminated: 4

Village level:
Number of village in the 23 districts: 1,183
Number of village found contaminated: 748 (63%)
Number of village found not contaminated: 435

<table>
<thead>
<tr>
<th></th>
<th>A1</th>
<th>A2</th>
<th>A3</th>
<th>A4</th>
<th>B1</th>
<th>B2</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of polygons</td>
<td>799</td>
<td>3459</td>
<td>719</td>
<td>3888</td>
<td>63</td>
<td>508</td>
<td>9432</td>
</tr>
<tr>
<td>Area (m²)</td>
<td>47,097,057</td>
<td>249,781,411</td>
<td>29,699,126</td>
<td>345,739,552</td>
<td>3,649,531</td>
<td>38,354,299</td>
<td>714,320,976</td>
</tr>
<tr>
<td>Percentage of area (%)</td>
<td>6.59%</td>
<td>34.97%</td>
<td>4.16%</td>
<td>48.40%</td>
<td>0.51%</td>
<td>5.37%</td>
<td>100.00%</td>
</tr>
</tbody>
</table>

Number of casualty in the past three years (2008-2010): 527

By APM | By ATM | By ERW | Total
---|---|---|---
185 | 156 | 186 | 527
BLS Deployment Map
## Land Release

Technical survey assets should primarily target the A areas in an attempt to further define the hazard area.

<table>
<thead>
<tr>
<th></th>
<th>Manual</th>
<th>MDD</th>
<th>Machines</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>A1</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>If highly contaminated MDD may not be effective and should not be used.</td>
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<tr>
<td>A2</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>A3</td>
<td>✓</td>
<td>✓</td>
<td>X</td>
<td>If an item is discovered during breaching a 20x20m box shall be cleared around the item. If no further items are found the survey is to continue.</td>
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<tr>
<td>A4</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>If an item is discovered during breaching a 10x10m box shall be cleared around the item. If no further items are found the survey is to continue.</td>
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<tr>
<td>B1</td>
<td>✓</td>
<td>✓</td>
<td>X*</td>
<td>If highly contaminated MDD/EDD may not be effective and should not be used.</td>
</tr>
<tr>
<td>B2</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

* X* indicates a specific condition or variable.
National Mine Action Strategy (NMAS) 2010-2019

The 2010-2019 NMAS was finalized end of 2009 and officially endorsed by the RGC on 11 November 2010. The main aspects of NMAS that concern Article 5 implementation are:

2.5.1. Baseline survey
2.5.2. Land release
2.5.3. Planning & Prioritization
2.5.4. Capacity development & Coordination
2.5.5. Regional & International stability
2.5.7. Sustainability

RCAF Accreditation
Planning & Prioritization

1. C/S Meeting
2. M/F Investigation
3. District Workshop
4. Provincial Workshop
5. Urgent Demining Request
6. MAPU - CMAC
7. MAPU - PMAC

- Hand over post clearance Site sketch to beneficiaries
- Prepare post clearance Site sketch
- Prepare Post clearance Document send to Department of LMUPCC

Forms
1. Investigation
2. Request demining
3. Land use agreement
4. Beneficiaries list

1. CMAC
2. HALO
3. MAG

Annex B Land Release Process

Non Technical Survey Stage
- A and B areas defined
- BLS Form Completed
- MAPU Confirms Request
- Workplan Agreed
- Technical Survey

Technical Survey Stage
- Technical Survey
- MAPU Confirms Prioritization
- Workplan Updated
- Full Clearance on Priority Task
- Post Clearance
- Site Sketch
- Site Sketch to Beneficiaries

Full Clearance Stage
- Handover Document
- Site Clearance Monitoring
- National Database Updated

End State Stage
- Post Clearance Monitoring
- Post Clearance Monitoring
- National Database Updated
- National Database Updated

The NTB stage may occur in the same area on a number of times.

Observations and Lessons learned provided to LMMU
Information Management

Annual Clearance Workplan

- Clearance work plan in 2011 were not formulated based on the BLS as all results were not yet available. However, the results have since been released, and operators are requested to use the BLS polygons where available.
- The upcoming planning and prioritization guidelines provide for the CMAA to give instructions to MAPU on the key criteria to define priority villages.
Achievement (Clearance)

From 1992 to 2010

<table>
<thead>
<tr>
<th>Operators</th>
<th>Achievement (M2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMAC</td>
<td>331,410,240</td>
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<tr>
<td>HALO Trust</td>
<td>64,207,960</td>
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<tr>
<td>MAG</td>
<td>30,986,927</td>
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<tr>
<td>RCAF</td>
<td>213,017,047</td>
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<tr>
<td>Total</td>
<td>639,622,174</td>
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2010 VS ER

<table>
<thead>
<tr>
<th>ER planed</th>
<th>Actual</th>
<th>Exceeding planed</th>
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</thead>
<tbody>
<tr>
<td>39,400,173</td>
<td>103,874,820</td>
<td>64,474,647</td>
</tr>
<tr>
<td></td>
<td>76,015,950</td>
<td>36,615,777</td>
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Clearance

- **Full Clearance:**
  - Manual Clearance (Metal Detectors & Dual Sensors Detectors)
  - Mechanical Clearance (BC, Flails, Tillers etc.)
  - Mine/UXO Detecting Dogs
  - Combination of those
  - ERW Clearance.
Clearance

- Full Clearance:
  - Manual Clearance (Metal Detectors & Dual Sensors Detectors)
  - Mechanical Clearance (BC, Flails, Tillers etc.)
  - Mine/UXO Detecting Dogs
  - Combination of those
  - ERW Clearance.
# National demining work plan

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>BLS Phase 1</td>
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<td>BLS Phase 2</td>
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<td>BLS Phase 3</td>
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<td>CMAS Land Release</td>
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<tr>
<td>RCAF Accreditation</td>
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<td>NMAS Finalised</td>
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<tr>
<td>Planning &amp; Prioritisation reviewed</td>
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<td>On-going</td>
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<tr>
<td>38,672,670 sqm full clearance</td>
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<tr>
<td>39,400,173 sqm full clearance</td>
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<td>On-going</td>
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<td>40,188,176 sqm full clearance</td>
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<tr>
<td>Annual Clearance Plan developed</td>
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<td>Pending completion</td>
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<tr>
<td>Update States Parties on BLS and Article 5 progress</td>
<td>Achieved (Cartagena RC)</td>
<td>Achieved (5C June 2010)</td>
<td>Achieved (10 MSP)</td>
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