Information Management System for Mine Action (IMSMA)

Support to MBC Reporting

Alan Arnold
Project Manager, IMSMA
Geneva International Centre for Humanitarian Demining
IMSMA
Support to MBC Reporting

- What are the requirements?
- What can IMSMA do to help now?
- What can users do to improve IMSMA reporting?
- What does the future hold?
IMSMA
Convention Requirements

- Data Collection - Article 5 Para. 2
  - Suspected Areas
  - Known Areas
  - Marking & Control

- Data Reporting - Article 7
  - Required Reporting
    - Para. 1.c - Location of Mined Areas
    - Para. 1.g - Mines Destroyed
    - Para. 1.i - Measures Taken Art. 5.2
Article 5 Section 2

Identification Activities Required
- Suspected Areas
- Known Area
- Marking & Control

Available IMSMA Reports
- Hazardous (Dangerous) Area
- Mined Area
- Clearance Area
- Technical Survey
IMSMA
Location of Hazardous Areas
IMSMA
Required Reporting

- Article 7 Sections 1 & 2
  - Sec. 1.c - Location of Mined Areas
    - Type, Quantity, When Emplaced
  - Sec. 1.g - Mines Destroyed
    - Type and Quantity
  - Sec. 1.i - Measures Taken Art. 5.2
    - Provide Warning to the Population
  - Sec. 2 - Annual Update
    - NLT 30 April to UN Sec. General
    - Report Covers Previous Calendar Year
Sec. 1.c - Mined Area Locations

- Data Required
  - Known and Suspected Area Locations
  - Device Type, Quantity and When Emplaced

- Data Source
  - IMSMA Through On-Going Operations

- Available IMSMA Reports
  - Hazardous (Dangerous) Area
  - Mined Area, Minefield
  - Technical Survey

- What level of detail is required?
  - Province, Community, Individual MF
IMSMA Support to Art. 7

- Sec. 1.g - Mines Destroyed
  - Data Required
    - Device Types and Quantity Destroyed
  - Data Source
    - IMSMA Through On-Going Operations
  - Available IMSMA Reports
    - Devices Cleared
  - IMSMA Analysis Tool
    - Progress of Operations
Progress reporting on clearance activities (a detailed Article 7g report)

## Progress of demining operation

<table>
<thead>
<tr>
<th>Province</th>
<th>Process</th>
<th>Area cleared [sqm]</th>
<th>Hours spent</th>
<th>Devices destroyed within specified period</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>(Within 30 days)</td>
<td>(Within 30 days)</td>
<td>Total</td>
</tr>
<tr>
<td>Province 1</td>
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<td>16,2796</td>
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<td>9373</td>
<td>75058</td>
</tr>
<tr>
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<td>37,662,888</td>
<td>87,223</td>
<td>124,937</td>
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</table>

*Note: All numbers are from project reports.*

1. Depending on the reporting, the accuracy of this data can vary.*

2. “Total devices destroyed” row may not include all.*

3. Only reports with a valid “end of month” data within the specified period are considered for this calculation. The row may depend on different factors.*

## Destroyed devices

![Diagram showing destroyed devices](image)

**Note:**

1. Depending on the reporting, the accuracy of this data may vary.*

Created with IMSMA Analysis

Srinivas, 18 May 2002

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IMSMA Support to Art. 7

- **Sec. 1.i - Measures Taken Art. 5.2**
  - **Data Required**
    - Measures Taken to Warn
  - **Data Source**
    - IMSMA Through On-Going Operations
  - **Available IMSMA Reports**
    - Hazardous (Dangerous) Area
    - Mined Area, Clearance Area
    - Tasking Reports
  - **IMSMA Analysis Tool**
    - Marking and Area Reduction Status
IMSMA
Tasking Reports
### IMSMA

**Status of Marking and Area Reduction Activities**

(Source: Technical Survey Data)

<table>
<thead>
<tr>
<th>Province</th>
<th>Total</th>
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<td>Province_1</td>
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<tr>
<td>Province_6</td>
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<tr>
<td>Province_7</td>
<td>29</td>
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<tr>
<td>Province_8</td>
<td>1</td>
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<tr>
<td>Province_9</td>
<td>1</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td><strong>39</strong></td>
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IMSMA
Status of Marking and Area Reduction Activities
(Source: Technical Survey Data)
IMSMA
Improving MBC Support

- Report Content
  - Specific Requirements
    - Level of Detail?
    - Province, Town, Minefield, Aggregated
  - Detailed Format Instructions
- Create IMSMA Standard Report
- User Feedback
  - What Works? What is needed?
IMSMA
Today & Tomorrow

- IMSMA Version 2.2 - Now
  - Article 5 Data Collection
  - Article 7 Required Reports

- IMSMA Version 3.0 – Sept 2002
  - Improves Status Reporting

- IMSMA Analysis Tool – Nov 2002
  - Improves Data Analysis
  - Improves Report Generation