

# DDAS Accident Report

## Accident details

<b>Report date:</b> 06/03/2011	<b>Accident number:</b> 668
<b>Accident time:</b> 09:15	<b>Accident Date:</b> 17/11/2009
<b>Where it occurred:</b> MF 0188, Myakhil/Sayghani village, Bagram district, Parwan Province	<b>Country:</b> Afghanistan
<b>Primary cause:</b> Management/control inadequacy (?)	<b>Secondary cause:</b> Inadequate training (?)
<b>Class:</b> Missed-mine accident	<b>Date of main report:</b> Not recorded
<b>ID original source:</b> Ref. 2010,01,014	<b>Name of source:</b> UNMACCA
<b>Organisation:</b> [Name removed]	
<b>Mine/device:</b> M-19 AT blast	<b>Ground condition:</b> agricultural (abandoned)
<b>Date record created:</b>	<b>Date last modified:</b> 06/03/2011
<b>No of victims:</b> 1	<b>No of documents:</b> 1

## Map details

<b>Longitude:</b>	<b>Latitude:</b>
<b>Alt. coord. system:</b> Not recorded	<b>Coordinates fixed by:</b>
<b>Map east:</b>	<b>Map north:</b>
<b>Map scale:</b>	<b>Map series:</b>
<b>Map edition:</b>	<b>Map sheet:</b>
<b>Map name:</b>	

## Accident Notes

inadequate investigation (?)  
inadequate training (?)  
Inadequate detector pinpointing  
non injurious accident (?)

## **Accident report**

The only report of this accident that has been made available to date is a UN MACCA *Summary of Lessons Learned* PDF file. Its conversion to a DDAS file has led to some formatting being lost. Text in square brackets [ ] is editorial. This record will be revised as more information becomes available.

The Lessons Learned summary is reproduced below, edited for anonymity.

### **Mine Action Coordination Centre of Afghanistan (MACCA)**

Ref # 2010,01,014: File: OPS/14/01- 04. Date: 17 January 2010

Subject. Investigation Report & Lessons Learned of [Demining group] Missed Mine Incident in Parwan province

Attached please find the investigation report and Lessons Learned of Missed Mine Incident, which occurred on 17 Nov 2009 at 09:15 hrs, in Myakhil Sayghani Village, Bagrann District of Parwan Province.

### **LESSONS LEARNED SUMMARY OF [Demining group] MISSED MINE INCIDENT IN PARWAN PROVINCE**

#### **INTRODUCTION:**

An investigation team was convened by the AMAC Kabul to investigate the circumstances of antitank missed mine incident involving [Name removed], a local resident. The incident occurred at task # AF/0308/01648/MF 0188 which was cleared by [Demining group] DT-43 in 2008, in Myakhil/Sayghani village, Bagram district of Parwan Province.

#### **SUMMARY:**

MF # AF/0308/01648/MF 0188 is an agricultural land and located in Sayghani village of Bagram district and has been recorded by LIS under the community No. 2506, SHA-01. It is an area contaminated by anti-personnel and anti-tank mines. Mines were laid in this area during the armed conflicts between the Taliban and northern alliance forces.

On 17th April 2008, [Demining group] DT-43 was tasked by the AMAC centre to clear this minefield. The task has been completed on 07th Sep 2008. During the clearance operations DT-43 found and destroyed 1 AP, 4 AT mines and 89 different types of UXO.

On 17 Nov 2009 at 09:15 hrs when [Name removed] the land owner was trying to cultivating his land, he has discovered an AT (M-19) mine. Luckily the mine has not exploded. Later on the mine handed over to ISAF for destruction.

As per the investigation report, it seems that the mine was missed. Because the depth of discovered mine is less than 10cm and MIL D1 detector can detect the minimum metal mines in such depth. In addition to that the external QA report indicates that the team was practicing the Mil D1 detector incorrectly at the operations site, it means the deminers could not to adjust sensitivity of detector in test & balance boxes

#### **CONCLUSIONS:**

Poor supervision and lack of adequate follow up by [Demining group] are considered as the main contributing factors to this accident as:

- The deminers failed to utilize the Mil D1 detector correctly

- Although [Demining group] had been reported about incorrect use of Mil D1 by the deminers of this team but no action was taken by them.

#### **RECOMMENDATIONS:**

To prevent recurrence of similar incidents in the future, the following points are recommended to [Demining group] management:

- a. Refresher training is recommended for the team and the training should focus mainly on the detecting procedures.
- b. At the minefield where the incident occurred (missed mine discovered by local) should be re-cleared by [Demining group].
- c. The frequency of Internal and external QA should be strengthened.
- d. The [Demining group] Operations department is requested to strongly follow up this issue and take necessary action and identify why the mine was missed and how they can prevent the recurrence of such incident.
- e. [Demining group] management shall provide MACCA HQ with feedback on all preventive and corrective actions taken by [Demining group] within 7 days, effective to the issue date of this letter.

#### **Victim Report**

<b>Victim number:</b> 851	<b>Name:</b> [Name removed]
<b>Age:</b>	<b>Gender:</b> Male
<b>Status:</b> civilian	<b>Fit for work:</b> yes
<b>Compensation:</b> Not made available	<b>Time to hospital:</b> Not made available
<b>Protection issued:</b> None	<b>Protection used:</b> None

#### **Summary of injuries:**

COMMENT: No injuries. No Medical report was made available.

#### **Analysis**

The primary cause of this accident is listed as a *Management Control Inadequacy* because the investigators determined that the deminers did not know how to use their metal detectors, and that this had been known for some time. The management's failure to ensure that their deminers were appropriately training with their metal detectors was a significant management failing. The secondary cause is listed as *Inadequate training* because the deminers had not been appropriately trained.

The "Inadequate investigation" listed under notes refers to the absence of a full accident report. The UN supported MACCA has failed to make these widely available for some years in contravention of the requirements of the IMAS. The existence of a detailed summary implies that a detailed investigation was made, and it is unfortunate that this was not shared.