

DDAS Accident Report

Accident details

Report date: 06/03/2011	Accident number: 686
Accident time: 08:40	Accident Date: 23 rd June 2009
Where it occurred: MF: AF/0308/01636/MF021 5, Qalai Yozbashi village Bagram district, Parwan Province	Country: Afghanistan
Primary cause: Field Control Inadequacy	Secondary cause: Management Control Inadequacy
Class: Excavation accident	Date of main report:
ID original source:	Name of source: UNMACCA
Organisation: [Name removed]	
Mine/device: PMN-2 AP blast mine	Ground condition: hard
Date record created:	Date last modified: 06/03/2011
No of victims: 1	No of documents: 1

Map details

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

Accident Notes

Inadequate investigation (?)
Mechanical follow-up (?)
Use of shovel (?)
Inadequate equipment (?)
Inadequate detector pinpointing (?)

Accident report

The only report of this accident that has been made available to date was a UNMACA "Lessons learned Summary" . The conversion into a DDAS file has led to some of the original

formatting being lost. Text in square brackets [] is editorial. This record will be revised as more information becomes available.

The summary is reproduced below, edited for anonymity.

File: OPS/14/01-16

Date: August 02, 2009

Subject: INVESTIGATION REPORT & LESSONS LEARNED OF [Demining group] DT-04 DEMINING ACCIDENT IN PARWAN PROVINCE

Attached please find the investigation report and Lessons Learned from the demining accident, occurred to one of deminer of [Demining group] DT-04 on 23 June 2009 at 08:40 hours in Qalai Yozbashi Village, Bagram district of Parwan Province.

LESSONS LEARNED SUMMARY OF [Demining group] DT- 04 DEMINING ACCIDENT

INTRODUCTION:

An investigation team was convened by AMAC Kabul to investigate the demining accident involving [the Victim] the Deminer from [Demining group] DT- 04. The accident occurred at 08:40 hours on 23 June 2009 at minefield number AF/0308/01636/MF0215, located in Qalae-Uzbashi village, Bagram district of Parwan Province.

SUMMARY:

AF/0308/01636/MF0215 is an antipersonnel mine contaminated area, which was recorded by LIS as SHA # 01 in impacted community # 1253. During the years 1981 to 1984 the mine belts were established by Russian troops to protect the Bagram military airbases from the attacks of Mujahedeen. In 1997 to 2000 this area was mined again during internal conflict.

On 1st of June [Demining group] started clearance operation on mentioned task, they cleared 3350 sqm and found/destroyed 150 anti-personnel and 90 UXO till the accident time. On 23 June 2009 at 08:40 am when [the Victim] was working in his clearance lane a PMN2 antipersonnel mines went off and caused the accident. However the deminer had worn his PPE but he got some injuries on his both legs, fortunately the injuries were not severe. According to the investigation report the ground was hard to conduct excavation easily, however the MDU was used for ground preparation, but it was failed to prepare the ground up to the default depth (13cm). As per the investigation report, it seems that the deminer used a big shovel in order to investigate the signals.

CONCLUSIONS:

This is the 2nd accident of [Demining group] team with the same scenario of using big shovels during the investigation of signals. It is an obvious negligence from SOPs and AMAS that the [Demining group] teams are working with shovels for excavation of signals.

RECOMMENDATIONS:

The [Demining group] operations department should take necessary action in order to stop using big shovels during the excavation.

MACCA expectation from [Demining group] management is to come up with a management solution to this problem and present their plan of action to MACCA Chief of operations by no later than 09 of August 2009.

Victim Report

Victim number:	Name: [Name removed]
Age:	Gender: Male
Status: Deminer	Fit for work: Presumed
Compensation: Not made available	Time to hospital: Not made available
Protection issued: Frontal apron, Long visor	Protection used: Frontal apron, Long visor

Summary of injuries:

INJURIES: Minor legs

COMMENT: No Medical report was made available.

Analysis

The primary cause of this accident is listed as a *Field Control Inadequacy* because the summary says that the Victim was working with a shovel on an area that had been inadequately prepared by an MDU (machine). The secondary cause is listed as a *Management Control Inadequacy* because this was the second accident in which a shovel had been used and the demining group's management had not corrected the previous errors of their field controllers.

Apparently the Victim may not have pinpointed a detector reading properly and so used his shovel directly on top of the mine.

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. That said, the Afghan investigators deserve praise for apparently conducting a professional and objective investigation.