

## ANNEX A: COURSE PROGRAM

### ADVANCED AMMUNITION TRAINING IN AFGHANISTAN, 16-28 APRIL 2016

WEEK 1	Saturday 16 Apr	Sunday 17 Apr	Monday 18 Apr	Tuesday 19 Apr	Wednesday 20 Apr	Thursday 21 Apr
08:00	Preparations; classroom, training aids and materials	Opening, course objectives, introduction of hosts, trainers and participants	Ammo identification, colour codes, marking, shape, size, materials	Submunitions NATO, real situations, condition, risk assessment, movement	Risk management, assessment decision, priority	Demolition principles, safety, NEQ, AUW, plan, prep, multi-item, initiation
AM	Meeting WAD, support and logistics teams	Setting a knowledge baseline Course topics and day plans	Fuzing types, functions, mechanisms, identification and hazards	Submunitions, BLU-97 variants, characteristics	Diversion of ammunition Ammunition classification, storage and compatibility	Cocked striker mechanics Fuze classification
Prayer and lunch						
PM	Preparations; ESH and temp stores	Explosions in ammo storages Land service ammo characteristics	Fuzing cont'd	Submunitions Russian, real situations, condition, risk assessment, movement	RPG-7 variants, characteristics, identification, condition assessment	Ammo decommissioning: demonstration of tools and techniques for processing
PM	Preparations; range(s)	Ammo identification, marking Q&A course content, review of expectations, firm schedule	Shaped charges, RPGs, principles and characteristics Effects of ammunition ageing	Demilitarisation, self-help ammo disposal options worldwide, (SHADOW)	PG-2 variants, characteristics, identification, condition assessment	Hydraulic mortar cutting, dearm, SAA disassembly, producing shaped charges
WEEK 2	Saturday 23 Apr	Sunday 24 Apr	Monday 25 Apr	Tuesday 26 Apr	Wednesday 27 Apr	Thursday 28 Apr
08:00	Demolition accidents Case – SA3 missile Low order techniques;	Demolition day, objective brief Series of tasks and targets using Low Order techniques	Alternative disposal methods SAA burning methods, tools	Bulk demolitions exercise; range order, multiple stacks, medevac, on-site transports	AFV clearance Case study; Brazzaville ASA	Intro accident investigation Exercise; EOD quiz Questions & Answers
AM	HE, plastic, sheet, block, detcord, CLC, SRT, shaped charges, dearm, improv.	Task series using LOT cont'd; CLC, SRT, shaped charges, dearm, disruptor	Bulk demolitions; what not to do, case examples	Bulk dems cont'd; stacking, mixed live EO within NEQ, AUW	White phosphorus (WP), ammo characteristics, hazards, destruction	Course feedback Certificates
Prayer and lunch						Course lunch barbeque
PM	Explosive storehouse (ESH) safety	Task series using LOT cont'd; HE targets, pyrotechnics, propellant, WP	Bulk demolitions stacking rules and planning	Bulk dems cont'd; post dems checks, BAC, clean-up, Q&A	Ammunition safety management (ASM) tool	Departures
PM	Range admin, logistics and dems preparations	Clean-up, Q&A for the day, debrief on the results, commute to Kabul	Preparations for bulk dem exercise; security, safety, logistics, admin, transport	Debrief, Q&A for the day, commute to Kabul	ASM tool cont'd	

#### COLOUR KEY

**BLACK** Classroom  
**BLUE** Exercise area  
**GREEN** Range  
**RED** ESH and temporary stores

#### NOTES

**Operational:** This program is subject to change; dependent on assessed level of knowledge among students in planned topics.  
**Administrative:** There is one tea break in mid morning each day and a break for prayer in the afternoon.  
**Administrative:** The course days commence at 08:00 and end before 17:00.  
**Security:** Apart from daily start, exact timings are not disclosed in advance for security reasons (e.g. vehicle moves to ranges)

## ANNEX B: PARTICIPANTS

### ADVANCED AMMUNITION TRAINING IN AFGHANISTAN, 16-28 APRIL 2016

	Name	Position	Agency		Name	Position	Agency
1	Abdul Qadir Kakar	EOD Associate	UNMACA	17	Haji Baz Mohammad	EOD TL	DAFA
2	Ghusoddin Safi	Senior QM Associate	UNMACA	18	Jawid Ahmadi	DC Trainer	MDC
3	Razuanullah Hejran	Planning Associate	UNMACA	19	Mohammad Nasim Ahmadi	Field Operation Officer	MDC
4	Mohammad Hamid Wardak	EOD Senior Manager	DMAC	20	Mohammad Atef Gharwal	RM	DDG
5	Abdul Habib Rahimi	MCT Senior Manager	DMAC	21	Mir Mahmood Hashmi	QM	DDG
6	Mohammad Atef Malikzada	QM Project Assistant	DMAC	22	Muhammad Gul Adil	RM	DDG
7	Mirwaise Ibrahim Khail	Quality Mgmt Inspector	DMAC	23	Abdul Wahid Kakar	Head of Training	DDG
8	Abdul Wasi Samandari	Quality Mgmt Inspector	DMAC	24	Zabto Khan	EOD officer	HALO Trust
9	Ghulam Hazrat	Training Instructor	SDA	25	Aziz Asghar	WAD/CWD officer	HALO Trust
10	Mohammad Hakim	EOD Supervisor	SDA	26	Shafiqullah Said Manqsud	EOD Supervisor	HALO Trust
11	Sher Zad	EOD Supervisor	OMAR	27	David Parker	ATO/PSSM officer	HALO Trust
12	Awal Khan	Quality Manager	OMAR				
13	Sayed Rahman	Project Officer MRE	MCPA	1	Colin King	Instructor	Fenix Insight
14	Sayed Habib Rahman	Quality Manager	ATC	2	Guy Marot	Instructor	Fenix Insight
15	Rohullah Rahmat Khan	Team Leader	ATC	3	Roland Evans	Instructor	GICHD
16	Atiqullah Khyal Mohammad	EOD TL	DAFA	4	Samuel Paunila	Instructor	GICHD

ANNEX C: SELECTED PHOTOS

ADVANCED AMMUNITION TRAINING IN AFGHANISTAN, 16-28 APRIL 2016





DEMONSTRATING REMOTE CUTTING TECHNIQUE OF A ROCKET FUZE



SECURITY TEAM IN THE  
DEMOLITION RANGE



ABDUL KAKAR (UNMACA)  
TRAINING & TRANSLATING



DDG REPRESENTATIVES IN  
RANGE PREPARATIONS



FINALISING THE STACKING  
PLAN FOR BULK DEMOLITION