## Republic of the Sudan



## UPDATED WORK PLAN TO MEET

# ANTI-PERSONNEL MINE BAN CONVENTION ARTICLE FIVE EXTENDED DEADLINE

BY APRIL 2019

## **26 April 2016**

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#### 1- Executive Summary:

Sudan was granted an extension of it Article 5 deadline at the Thirteenth Meeting of the States Parties in 2013. Within the States Parties decision on Sudan's request, the States Parties requested that Sudan submit an updated work plan, by 1 March 2016, for the remaining period covered by the extension containing an updated list of all areas known or suspected to contain anti-personnel mines, annual projections of which areas and what area would be dealt with during the remaining period covered by the request and a detailed budget.

This document provides detail description of the achievements made from March 2013 till end of February 2016. And the operations work plan, needs, challenges and way forward for the remaining period of time until April 2019.

It is to re-affirm that the republic of Sudan remains highly committed to its obligation under the Ottawa treaty and is paying particular attention to meet extended deadline of article 5, the April 2019, granted at the 13th meeting of state parties in 2013.

The work plan outlines detail for dealing with all remaining antipersonnel landmine related challenge over the next three years with the assumption that the programme will receive required funding and the security situation in South Kordofan and Blue will improve by end of December 2016. It is however to be noted that, Blue Nile and South Kordofan has been mostly inaccessible due to insecurity over past three years. Thus most of the information recorded in the data base may no longer be valid. The programme plans to conduct survey operation as soon as it is able to operate in the region. The result of survey, once completed, will be shared which may lead to an amendment to this work plan. It is important to note that Sudan Mine Action programme is still using an outdated version of IMSMA (Legacy) during the U.S. embargo on Sudan. With Support from UNMAS and GICHD, efforts have been made to resolve the issue around it and to be

able to install IMSMA new generation in Sudan during 2016 so the progarmme could accurately record, manage and map Mine Action information.

Should the security situation improves in South Kordofan and Blue Nile and required funding is secured by June 2016, Sudan Mine Action programme with support from international capacity will be able to deal with the remaining challenge over next three year and prior to article 5 extended deadline.

Over the past period Sudan Mine Action programme has suffered due to the lack of required resources, insecurity and absence of UN lead. The issue of lack of UN lead to support Mine Action is however resolved with the return of UNMAS to Sudan in April 2015. In early 2016, the programme, through UNMAS, has secured 2.4 million USD to re-commence clearance operation. In addition the government of Sudan has contributed 1.5 million USD in 2014 and 2015 and additional 2 million USD in 2016. The programme is noticing a positive attraction from donors recently.

With the current level of funding, Sudan Mine Action programme expected to deal with minimum 50 % of remaining challenge in the eastern states (Kassala, Gearef and Red Sea states). In December 2015, with the government funding, the programme launched clearance operation in the Gedaref state and will be in position to announce Gedaref state free of known land mines and ERW by end of April 2016, marking a step closer to the meeting Ottawa treaty article 5 obligations. With the assumptions mentioned, the programme will be in position to complete clearance of all known AP mined areas in Blue Nile by December 2017 and in South Kordofan by April 2019.

In total, the programme requires 82 millions USD to implement activities outlined in this work plan and become Ottawa compliance by April 2019.

#### 1.1 References:

- a) The republic of Sudan's request for extending the deadline of Anti Personal Mine Ban Convention article 5, dated 27 March 2013.
- b) Letter from the chair of Anti Personal Mine Ban convention's committee on Article 5 implementation dated 23 December 2015.

## 2- Remaining challenge, Anti Personnel landmines as of March 2013:

## 2.1 AP mines contamination at the time Sudan submitted extension request in March 2013:

In March of 2013, in total 124 locations were remained with known or suspected anti personnel landmine contamination with a total size of 26,622,652 square meters. The remaining challenge comprised of Dangrous areas (DA), Minefields (MF) and suspected hazards areas (SHA). Following table contains further details on the remaining challenge as of March 2013.

1	)	1	1	Table	No	1.	AP Cor	ntamination	as of March	2013
- 4				1 41)10		1 2	APLI	пашнани	i as on maici	1 / 11 1 3

	DA		MF		SHA	SHA		Grand Total	
State	No	Area	No	Area	No	Area	No	Area	
Blue Nile	4	855,583	6	272,456	1	50,000	11	1,178,039	
South Kordofan	14	10,597,229	48	2,183,800	22	5,018,481	84	17,799,510	
Kassala	16	3,740,753	4	481,008	3	1,500,000	23	5,721,761	
Red Sea	0	0	0	0	1	7,200	1	7,200	
Gadaref	0	0	0	0	1	10,000	1	10,000	
Eastren Darfur	4	1,906,142	0	0	0	0	4	1,906,142	
Total	38	17,099,707	58	2,937,264	28	6,585,681	124	26,622,652	

## 2.2 Newly located mined areas:

During the period, March 2013 until February 2016, in total 42 areas containing or expected to contain anti personnel landmines were found, reported and registered in IMSMA that were previously unknown. Total size of the newly located contamination is 846,887 square meters. Following table contains further details on the new areas located since March 2013 till February 2016.

	DA		MF	MF			Grand Total	Grand Total		
State	No	Area	No	Area	No	Area	No	Area		
Kassala	3	30,002	32	624,012	0	0	35	654,014		
Gadaref	0	0	7	192,873	0	0	7	192,873		
Total	3	30,002	39	816,885	0	0	42	846,887		

2.2.1 Table No. 2: AP mined areas newly located (March 2013 - February 2016)

## 3- Progress made since March 2013 and the challenges faced:

#### 3.1 Land release:

Over past three years, Sudan Mine Action programme was unable implement the activities as it planned for under the extension request mainly due to limited funding and insecurity in South Kordofan and Blue Nile states. Over past three years, the programme has received limited funding that includes funding from in county Common Humanitarian funds for clearance operation, UNMAS for clearance and capacity building operation and UNDP for capacity building operation. The programme also received funding from the national budget for clearance operation in the field and to cover NMAC staff salaries, administration and logistic cost of the National mine Action center in Khartoum and NMAC field offices.

The prgraomme also suffered due to lack of UN leads on required support to Mine Action prgraomme in the country. By end of 2013, UNMAS handed over the UN support role to UNDP. In 2014, UNDP decided to withdraw from Mine action in Sudan in the light of its global 2013-17 strategy. Together with UNDP, the government of Sudan requested UNMAS re-engagement which, after several meetings and discussions, was positively responded and UNMAS formally re-establish its office in Sudan at of April 2015. With the re-engagement, UNMAS is supporting and assisting the Sudan National Mine Action Center in building its capacity, meeting obligations under Article 5 of the Anti-personnel Mine Ban Convention and other relevant international treaties, in addition to mobilizing resources for land release, mine risk education and victim assistance.

However, despite all the challenges mentioned Sudan programme was able to deal with 162 locations confirmed/suspected to contain antipersonnel landmines. In total 8,226,015 square meters of land has been released. The table below provide further detail on the progress made since March 2013 till February 2016.

<u>State</u>	Area cancelled during the TS (square metres)	Area Reduced during the GMA (square metres)	Area <u>cleared</u> (square metres)	Total area  Addressed (square metres)	AP mines destroye d	Other UXO destroyed	Number of cleared Hazard
Blue Nile	0	0	55,390	55,390	0	31,995	39
South Kordofan	0	0	0	0	0	74	3
Gadaref	182,633	250,000	132,785	565,418	59	13,286	6
Kassala	1,923,880	2,150,581	3,387,116	7,461,577	1,242	5,593	114
Red Sea	0	0	143,630	143,630	0	5	0
Total	2,106,513	2,400,581	3,718,921	8,226,015	1,301	50,953	162

**Note:** For this report, due to error in data base, deducting the total recorded land released from the total of AP contamination reported in March 2013 plus newly located AP does not give the straight answer, there is a difference of around 1 millions squaure meters. We are dealing with the data to fix the error.

### 3.2 Victims of Mines and ERWs by States

During the period, March 2013 until February 2016 a number of 122 Victim had been registered in IMSMA data base. Further details are in the table below:

3.2.1 Table No. 5: Number mines/ERW victims recorded (March 2013 - February 2016)

State	Injured	d					Killed						Grand
	Boys	Men	Girls	Women	Unknown	Total	Boys	Men	Girls	Women	Unknown	Total	Total
Blue Nile	10	30	0	7	0	47	1	7	0	0	0	8	55
Central Darfur	3	1	1	3	0	8	0	0	0	0	0	0	8
Eastern Darfur	4	1	0	0	0	5	0	0	0	0	0	0	5
Kassala	0	1	0	2	1	4	0	0	0	0	1	1	5
Northern Darfur	4	0	1	0	0	5	4	0	0	0	0	4	9
Southern Darfur	11	1	2	1	2	17	0	0	0	0	1	1	18
Western Darfur	2	3	2	0	0	7	0	0	0	0	0	0	7
Western Kordofan	0	0	0	0	7	7	0	0	0	0	8	8	15
Grand Total	34	37	6	13	10	100	5	7	0	0	10	22	122

#### 3.4 Mine Risk Education

During last three year, March 2013 until February 2016 a number of MRE services had been provided to communities at risk. The total number of individuals who received MRE messages are 634,607 persons. Further details are in the table below:

3.4.1	Гable No. 6:	Number of r	people received Min	e Risk Education	(Mar 2013-Feb 2016)
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State	Boys	Girls	Men	Women	Not Specified	Total
Red Sea	0	0	22	0	0	22
Kassala	36,013	25,032	33,644	29,822	800	125,311
Gadaref	1,421	601	2,545	1,508	0	6,075
South Kordofan	33,227	31,687	14,624	18,059	148	97,745
Northern Darfur	22,101	16,670	10,678	18,814	0	68,263
Central Darfur	16,762	10,112	10,335	12,591	0	49,800
Southern Darfur	30,496	21,773	15,334	21,954	0	89,557
Western Darfur	22,148	14,445	19,540	21,474	0	77,607
Eastern Darfur	20,581	13,002	16,313	14,377	0	64,273
Blue Nile	12,383	12,915	14,774	15,882	0	55,954
Total	195,132	146,237	137,809	154,481	948	634,607

### 4- Remaining Challenge as of February 2016:

#### 4.1 Anti Personnel Mine contamination:

As of February 2016, Sudan still remains with 20,914,291 squares meters of land confirmed or suspected to contain antipersonnel land mines. This contamination is spread over 122 areas, mainly in South Kordofan, Blue Nile, Kassala, Red Sea and Gedaref states. The following table illustrates the scope of remaining challenge.

4.1.1 Table No. 7: Remaining AP mine contamination as of February 2016

	DA		MF	MF S		SHA		nd Total
State	No	Area	No	Area	No	Area	No	Area
Blue Nile	4	855,583	4	219,663	1	50,000	9	1,125,246
South Kordofan	14	10,597,229	48	2,182,548	22	5,018,481	84	17,798,258
Kassala	5	1,096,744	4	203,970	1	480,000	10	1,780,714
Red Sea	0	0	0	0	1	7,200	1	7,200
Gadaref	0	0	7	192,873	1	10,000	8	202,873
Total	23	12,549,556	63	2,799,054	26	5,565,681	112	20,914,291

# 5- Operations Plan to deal with the remaining challenge by April 2019:

In the past three year majority of clearance operation had been conducted in the eastern states due to the peace and security in that part of the country. The eastern states remains to be the safest region for conducting mine clearance operation, enabling the safe movement of refugees across the border from Eritrea and Ethiopia, enabling access to agriculture, health, education and other basic services and paving the route for development in the region. South Kordofan and Blue Nile however was difficult to access mainly due to in security in the reason, yet the programme was able to deploy limited capacity to both South Kordofan and Blue Nile during 2015.

Regardless of the current security concerns, the operation plan outline the activities that potentially can happen in all states of Sudan known to contain landmines and ERW over next three years and will make all possible efforts to deal with the remaining challenge, at least the anti personnel landmine, by April 2019. It is important to note though that the plan is made with the assumption that the required funding is provided to the programme and the security situation improves mainly in South Kordofan and Blue Nile.

#### 5. 1 Eastern Sudan (Kassala, Gedaref and Red Sea States)

All three states in the east of Sudan are safest for conducting landmine clearance operation. Sudan Mine Action programme plans to deal with all remaining antipersonnel landmine contamination in eastern states of Sudan and release the reaming 1,990,787 square meters of land by December 2017 as lustrated in the table below:

5.1.1 Table No. 8:	Survey and	clearance p	lan eastern states
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	DA		MF		SHA		total	
year	NO	Area	NO	Area	NO	Area	NO	Area
2016	3	314,335	2	209,557	6	628,670	11	1,152,561
2017	2	209,557	1	104,778	5	523,891	8	838,226
2018	0	0	0	0	0	0	0	0
01April-2019-	0	0	0	0	0	0	0	0
total	5	523891.3	3	314334.8	11	1152561	19	1990787

#### 5.2 Blue Nile State

Despite the current in security situation in some parts of Blue Nile State, there is access to few locations in Blue Nile contaminated with anti personnel landmines and ERW. The programme plans to make efforts to deal with accessible contamination during year 2016. With the expected peace in the region, the porgramme will be able to release the remaining known contamination during 2017 and be able to announce Blue Nile as free of landmine by December 2017.

It is however to note that, Blue Nile has been mostly inaccessible during past three years due to insecurity. Thus most of the information recorded in the data base may no longer be valid. The programme, therefore plans to conduct survey operation as soon as it is able to operate in Blue Nile States. The result of survey will be shared once done which may lead to amendment of this operation work plan.

We expect to work after the improvement of the security situation in the Blue Nile as planned and survey Teams should be deployed for the work to carry out new survey which would be expected to register new hazardous areas due to insecurity.

There are 9 Hazards, 1 SHAs and 4 DA and 4 MF

5.2.1	Table No. 9:	Survey and	clearance p	lan Blue Nile:
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	DA		MF		SHA		total	
year	NO	Area	NO	Area	NO	Area	NO	Area
2016	1	125,027	3	375,082	3	375,082	7	875,191
2017	0	0	1	125,027	1	125,027	2	250,055
2018	0	0	0	0	0	0	0	0
01April - 2019 -								
_	0	0	0	0	0	0	0	0
total	1	125,027	4	500,109	4	500,109	9	1,125,246

#### 5.3 South Kordofan

South Kordofan state is the highest AP mine contaminated state among all other states in Sudan. However, similar to Blue Nile, South Kordofan has also witness major insecurity since July 2011, thus minimum operation has been conducted in the region over past period of time. South Kordofan requires most of the efforts, time and funds from the programme to deal with its remaining challenge.

If the security situation improves and required funding is secured by December 2016, Sudan Mine Action programme will be able to deal with the remaining challenge over next three year and prior to the extended deadline. Following table describes plan for dealing with remaining hazards year by year.

5.3.1	Table No. 10: S	urvey	and clearan	ce pla	n South Kord	ofan:	
		DA		MF		SHA	

	DA		MF		SHA		total	
year	NO	Area	NO	Area	NO	Area	NO	Area
2016	3	635,652	14	2,966,377	8	1,695,072	25	5,297,101
2017	3	635,652	14	2,966,377	8	1,695,072	25	5,297,101
2018	6	1,271,304	14	2,966,377	4	847,536	24	5,085,217
01April 2019	2	423,768	6	1,271,304	2	423,768	10	2,118,840
total	14	2,966,376	48	10,170,434	22	4,661,448	84	17,798,259

## 6- AT mines and ERW remaining challenge:

#### 6.1 Anti Tank and Explosive Remnants of War contamination in Sudan:

In addition to anti personnel Mine Contamination, Sudan is also suffering from Anti Tank mine contamination and unexploded ordnance. In total a number 40 area are contaminated with anti- tank mines with the size of 5,967,077 square meters and 77 location covering 5,226,786 square meters with UXO contamination More details are in the following two tables.

6.1.1 Table No. 11: Remaining Challenge AT mined areas as of February 2016

	DA		MF		SHA	A	Grand T	otal
State	No	Area	No	Area	No	Area	No	Area
Blue Nile	3	93	0	0	3	106,000	6	106,093
South Kordofan	5	3,303,296	0	0	20	1,525,753	25	4,829,049
Kassala	3	15,728	0	0	3	925,000	6	940,728
Red Sea	1	7	0	0	1	11,200	2	11,207
Gadaref	0	0	0	0	1	80,000	1	80,000
Total	12	3,319,124	0	0	28	2,647,953	40	5,967,077

6.1.2 Table No. 12: Remaining Challenge unexploded ordnance as of March 2016

		DA	S	НА	Gı	rand Total
State	No	Area	No	Area	No	Area
Blue Nile	7	6340	0	0	7	6,340
Central Darfur	3	17010	0	0	3	17,010
Eastern Darfur	6	1906142	0	0	6	1,906,142
Gadaref	1	1	0	0	1	1
Kassala	15	185929	1	480000	16	665,929
Northern Darfur	10	5	0	0	10	5
Red Sea	3	3	3	2472000	6	2,472,003
South Kordofan	13	13	4	159337.5	17	159,351
Southern Darfur	1	1	0	0	1	1
Western Darfur	10	4	0	0	10	4
Total	69	2,115,448	8	3,111,338	77	5,226,786

## 7- Other challenges for implementation of Operations work plan:

- a) Most of the demining equipment are old and requires replacement
- b) The programme is using an outdated version of IMSMA for recording, managing and mapping Mine Action information.
- c) Limited international expertise that could assist in continues capacity building of the teams on the ground.
- d) Survey and clearance operation is mostly suspected during the months of July, August and September due to the weather conditions (rain, flooding, and wind) in most of areas.
- e) Locating new hazards.
- f) Incomplete survey operation
- g) Bad road condition for movement remote locations.
- h) Economic sanctions on Sudan.
- i) Highly competing fund raising environment with the global economic crisis.

### **8- Funding situation:**

Over all, since 2013, there has been a major decline in funding to the program year by year. This decline had left major negative impact on the programme resulting in less achievement verse the plan presented under the extensions request in March 2013. This however seems to be changing with the return of UNMAS, recent communication with donors and the fund allocation from the national budget of Sudan.

#### 8.1 Funds received during the period 2013 - 2015:

For the operation in 2013, 2014 and 2015 Sudan Mine Action programme received and utilized around 6 million USD which was much less then what the programme actually needed to implement the plan. The total funding need for the mentioned three years mentioned in the extensions request submitted in March 2013 was 52 million USD.

The table below provides an overview of funds received and the funding gap each year.

0.1.1 14	DIC NO IDIT UI	name received and g	ap daring 2010, 20	11 and 2010.	
Year	Fund Required	Fund received from UN and donors	Fund received from Sudan govt.	Total fund received	Funding Gap
2013	2,205,000	2,775,263	0	2,775,263	-570,263
2014	25,410,476	1,046,261	500,000	1,546,261	23,864,215
2015	24,270,831	600,000	1,000,00	1,600,000	22,670,831
Total:	51 886 307			5 921 524	<b>45 964 783</b>

8.1.1 Table No 13: Funding received and gap during 2013, 2014 and 2015:

## 8.2 Fundraising efforts with the return of UNMAS.

As follow up to last year funding, the government of Sudan, from its national budget, has committed 2 million USD for the Mine Action operation in 2016.

In addition, since its re-engagement in Sudan UNMAS has managed to mobilize 2.4 million USD for the programme mainly from Japan and Italy. The funding will enable survey and clearance operation mainly in eastern states with limited operation in South Kordofan and Blue Nile states. UNMAS is actively engaged with other donors and there seems to be potential for additional funding to the programme. The programme expects to receive around 500,000 USD additional funding from Sudan humanitarian fund for 2016.

### 8.3 Programme funding needs for 2016, 2017 and 2018:

Due to the fewer funds received by the programme over past three year verse the planned, the pressure has been pushed forward to next three year. The amount planned for in the

extension for year 2016, 2017 and 2018 no longer remains valid. Following table provides and updated funding need of Sudan Mine Programme for next three year to meet its article five obligation by April 2019 and also deal with remaining AT and ERW contamination.

8.3.1 Table No 14: Funding requirement for 2016, 2017 and 2018

Year	Fund Required	Fund received from UN and donors	Fund received from Sudan govt.	Total fund received	Funding Gap
2016	12,400,000	2,400,000	2,000,000	4,400,000	8,000,000
2017	30,000,000	0	0	0	30,000,000
2018	44,000,000	0	0	0	44,000,000
Total:	86,400,000			4,400,000	82,000,000

#### 9- Conclusion

Sudan programme remains committed to meet the deadline of APMBC article 5 by April 2019, should the required funding is received and the security situation in Blue Nile State and South Kordofan State improves. We pray Allah Almighty to bless Sudan People with peace and Security in order to achieve the Goal, Sudan free from landmines and other explosive remnants of War.

#### 10- Annexes:

- a. annex a Work Plan Eastern states(Kassala Gedaref RedSea)
- b. Annex B Work Plan Blue Nile State
- c. Annex C Work Plan South Kordofan State
- d. Annex D Map of Dangerous Areas

#### National Mine Action Center - Sudan Opearation Multi year Work Plan 2016 - 2019 Feb-16

Annex -

#### Eastern States (Kassala, Red Sea & Gadaref)

																2016									2017			
State	Locality	Vilalge	Hazard ID	Type of Hazard	Area	Type of Items expected	Area to be Cancelled through N/T	Type of Asset required	Area to be released through Tech. Survey and Full Clearance	Team Months required	Type of Asset	Jan	Feb	Mar	Apr	May	Jun	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Oct	Nov
Kassala	Telkok	Shallalob	260	MF	8926	Mines	0	MANUAL	8926	3.5704	MCT1																	
Kassala	Telkok	Timikrif	406	DA	4517	Mines	4065.3	MANUAL	451.7	0.18068		1																
Kassala	Telkok	Talkuk El Masjed	177	DA	58905	Mines	53014.5	MANUAL	5890.5	2.3562																		
Kassala	Telkok	Haldeet Sharg	36	MF	1993	Mines	0	MANUAL	1993	0.7972																		
Kassala	Telkok	Timikrif	408	DA	184442	UXO	165997.8	MANUAL	18444.2	7.37768																		
																	_											
Gadaref	Eastern El Qalabat	Gazira Etdood	42	MF	7918	Mines	0	MANUAL	7918	3.1672	MCT2																	
Red Sea	Agig	El Marafeet	43-2	SHA	7200	Mines	6480	MANUAL	720	0.288		l																
Kassala	Wad EL Helew	Kurtaib	37	MF	4210	Mines	0	MANUAL	4210	1.684																		
Gadaref	El Fashaga	Ellogddie	41	MF	9777	Mines	0	MANUAL	9777	3.9108																		
																								_				
Kassala	Wad EL Helew	El Gargaf	289	MF	188841	Mines	0	MANUAL+MEC	188841	10.49116667	MCT3+MEC1																	
Kassala	Hamashkoreeb	Rasai	414	DA	848230	UXO	763407	MANUAL+MEC	84823	4.712388889																		
Kassala	Hamashkoreeb	Rasai	52-4	SHA	480000	Mines	432000	MANUAL+MEC	48000	2.666666667	MCT4+MEC2																	
Gadaref	El Fashaga	Ellogddie	40	MF	33997	Mines	0	MANUAL+MEC	33997	1.888722222																		
Gadaref	El Fashaga	Ellogddie	33	MF	52913	Mines	0	MANUAL+MEC	52913	2.939611111																		
Gadaref	El Fashaga	Ellogddie	44	MF	39598	Mines	0	MANUAL+MEC	39598	2.199888889		ł																
Gadaref	El Fashaga	Ellogddie	38	MF	25071	Mines	0	MANUAL+MEC	25071	1.392833333		ł																
Gadaref	El Fashaga	Ellogddie	43	MF	23599	Mines	0	MANUAL+MEC	23599	1.311055556		ł																
Gadaref	El Quresha	Moshra El Nil	SHA-34-1	SHA	10000	UXO	9000	MTT	1000	0.75	MTT1	ł																
Kassala	Telkok	El Gabarit	DA-176	DA	650	UXO	9000	MIT	650	0.75	IVIIII	l																
nassälä	reiKOK	EI GADAFIT	DA-1/6	DA	050	UXU	U	IVIII	050	0.75		ł																

National Mine Action Center - Sudan Opearation Multi year Work Plan 2016 - 2019 Feb-16

Annex -B

#### Blue Nile State

Tasks Allocation and funding status

Tasks Adiocation a	na ranang status											
												2016 2017
State	Locality	Vilalge	Hazard ID®	Type of Hazard	Area	Type of Items expected®	Area to be Cancelled through N/T	Type of Asset required	Area to be released through Tech. Survey and Full Clearance	Team Months required	Type of Asset	Jan Feb Mar Apr May Jun Oct Nov Dec Jan Feb Mar Apr May Jun Oct Nov Dec Jan Feb Mar Apr May Jun Oct Nov Dec 1 2 3 4 1
Blue Nile	Bau	Ullu	383	DA	2	MINE	0	MTT	2	0.75	MTT1	
Blue Nile	El Kurmuk	Bwayeth	513	DA	0	MINE	0	MTT	0	0.75		
Blue Nile	El Kurmuk	Sally	1242	DA	70,183	MINE	63164.7	Mannual	7,018	2.80732	MCT1	
Blue Nile	Bau	Madah	149	Minefield	1,374	MINE	0	Mannual	1,374	0.5496		
Blue Nile	El Kurmuk	Guffa	28-2	SHA	50,000	MINE	45000	Mannual	5,000	2	Ī	
Blue Nile	El Kurmuk	Chali	90	Minefield	22,376	MINE	0	Mannual	22,376	8.9504		
Blue Nile	El Rosaeers	Al Roseires	147	Minefield	8,394	MINE	0	Mannual	8,394	3.3576	MCT2	
Blue Nile	Bau	Silak	744	DA	785,398	MINE	706858.2	Mech. + Manual	78,540	4.363322222	MCT2+MEC1	
												<u> </u>
Blue Nile	El Kurmuk	Keili	261	Minefield	187,519	MINE	0	Mech. + Manual	187,519	10.41772222	MCT3+MEC2	

State Locality	Vilalge	Hazard IDIS Type of Hazard Area Type of Items expected 8		Area to be released through Tech. Te	required	Type of Asset	an Feb	2016 Demining Season  Mar Apr May Jan Oct Nov Dec.  8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2017 Demining Season   2017 Demining Season	2018 Demining Season	2019 Demining Season  Jan Feb Mar Apr 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4
fan El Dalang fan El Dalang fan Kadougli fan Kadougli	Al Gnei Katala Al Dar Delibia	110-3 SHA 150,000 113-5 SHA 100,000 85-1 SHA 19,750 95-1 SHA 50,000	135.000.00 Mannul 90.000.00 Mannul 17.775.00 Mannul 45.000.00 Mannul	15,000 10,000,00 1,975 5,000	6 MC 4 0.79	T1					
ifan El Dalang ifan Kadougli ifan Kadougli	Wali Toliko Kololo	95.1 SHA 50.000 112.7 SHA 122,850 78.1 SHA 74,875 87.1 SHA 74,875 66.1 SHA 140,000	110,565.00 Mannul 67,387.50 Mannul 23,400.00 Mannul	12,285.00 7,487.50 2,600.00	4.91 3.00 1.04						
rfan Kadougli rfan El Dalane	Um Dar Dur	66-1 SHA 140,000 100-1 SHA 100.000	126,000.00 Mannul 90.000.00 Mannul	14,000 10.000	5.60 4.00 MC	T2					
ofan Kadouzli ofan Talodi ofan Kadouzli	Shat El Sufava Tambiera Kroneo Brakandi	91-1 SHA 68.256 73-1 SHA 75.000 77-5 SHA 68.000	61.430.40 Mannul 67.500.00 Mannul 61.200.00 Mannul	6.825.60 7.500.00 6800	2.73 3 2.72						
dofan El Dalang	Brakandi Fayo	191 Minefield 7.225 129 Minefield 18,656	- Mannual - Mannual	7.225 18,656	7.4624						
ordofan El Dalang ordofan El Dalang ordofan Kadougli	Fayo Fayo Toro	134 Minefield 20,397 130 Minefield 2,769 224 Minefield 14,362	- Mannual - Mannual - Mannual	20,397 2,769 14,362	8.1588 MC 1.1076 5.7448	73					
Kordofan Kadougli Kordofan Kadougli Kordofan Kadoueli	Krongo Krongo Katsha	166 Minefield 8,291 165 Minefield 2,993 284 Minefield 4,653	- Mannual - Mannual - Mannual	8,291 2,993 4.653	3.3164 1.1972 1.8612						
fordofan Kadougli fordofan Kadougli fordofan Kadougli	Katsha Katsha Toro	276 Minefield 2,240 283 Minefield 3,552 223 Minefield 4,590	- Mannual - Mannual - Mannual	2,240 3,552 4,590	0.896 1.4208 1.836						
Cordofan Kadougli Cordofan Kadougli	Krongo Krongo	128 Minefield 14,655 162 Minefield 16,301	- Mannual - Mannual	14,655 16,301	5.862 MC 6.5204	T4					
Kordofan Kadougli Kordofan Kadougli Kordofan Kadougli Kordofan Kadougli Kordofan Kadougli	Krongo Krongo Krongo Krongo	162 Minofield 16,301 169 Minofield 3,539 161 Minofield 7,551 163 Minofield 1,852 168 Minofield 1,852	- Mannual - Mannual - Mannual - Mannual	3,539 7,553 1,852 5,847	1.4156 3.0212 0.7408 2.3388					<u> </u>	
Kordofan Kadougli Kordofan Kadougli Kordofan Kadougli	Ragafi Tabania Al Ahmier	74 Minefield 6,705 86 Minefield 9,000 65 Minefield 1,127	- Mannual - Mannual - Mannual	6,706	2.6824 3.6 0.4508						
Kordofan El Dalang Kordofan El Dalang	Katla Katla	196 Minefield 182 192 Minefield 52	- Mannual - Mannual	182 52	0.0729 0.02072						
Kordofan El Dalang Kordofan El Dalang Kordofan El Dalang Kordofan El Dalang	Katia Katia Katia Katia	194 Minefield 4.201 201 Minefield 53 200 Minefield 90	- Mannual - Mannual - Mannual	4.201 53 90	1.6804 MC 0.021024 0.0361 0.038 0.0441	TS					
Kordofan El Dalang	Katla Katla Katla	200         Minefield         90           202         Minefield         95           198         Minefield         110           193         Minefield         2,328	- Mannual - Mannual - Mannual					10 No.			
Kordofan El Dalang Kordofan El Dalang Kordofan El Dalang Kordofan El Dalang	Katla Katla Wali Wali	199 Minefield 60 197 Minefield 39 291 Minefield 4,123 280 Minefield 10,787	- Mannual - Mannual - Mannual - Mannual	60 39 4,123 10,787	0.024 0.015624 1.6492 4.3148			` <u>`</u>			
KOROGAN EL DAIANS	Wall	280 Milliones 10,767	Mannual	10,787	4.3146						
Kordofan El Dalane Kordofan El Dalane Kordofan Kadousti	Julud Wali Souo Ganava	54 Minefield 24.753 62 Minefield 15.540 75 Minefield 672	- Mannual - Mannual - Mannual	24.753 15.540 672	4.9506 MC 3.108 0.1344	T6+MCT7			_		
Kordofan Kadougli Kordofan Kadougli Kordofan Kadougli	Krongo Um Durain Um Durain	164 Minofield 12,513 279 Minofield 8,948 278 Minofield 14,338 181 Minofield 48,899	- Mannual - Mannual - Mannual	12,513 8,948 14,338	2.5026 1.7896 2.8676						
Kordofan Kadougii	Katsna	<del>                                     </del>	- Mannual Mannual	48,899	9.7798						
Kordofan Kadoueli Kordofan Kadoueli	Al Azrag Shat Damam	58 Minefield 129.502 60 Minefield 71.567	- Mannual - Mannual	71.567	12.9502 MC 7.1567	TE+MCT9+MCT10+	MCT11				
Kordofan El Dalang	Wali Souq Wali	61 Minefield 103,472 277 Minefield 236,513	- Mannual	103,472 236,513	10.3472 MC 23.6513 MC	T12+MCT13+MCT1 T16+MCT17+MCT1	4+MCT15 8+MCT19				
Kordofan El Dalang Kordofan Kadougli	Wali Um Serdiba	46 Minefield 204,868 117 Minefield 207,105	- Mannual - Mannual	204,868	20.4868 MC 20.7105 MC		2+MCT23				
Kordofan Kadougli	Abu Snoon	53 Minefield 227,031	- Mannual			T28+MCT29+MCT3					
Kordofan El Dalanz Kordofan Kadouzli	Wali	47 Minefield 310.151 171 Minefield 389.500	- Mannual	310.151 2i 389.500 2i		T32+MCT33+MCT3	4+MCT35+MCT36+N	ACT 27			
Kordofan El Dalane Kordofan El Dalane Kordofan El Dalane	Katala Katala Katala	113-4 SHA 60.800 113-1 SHA 432.000 113-2 SHA 594.000	54.720.00 Mannul+MEC 388.800.00 Mannul+MEC 534.600.00 Mannul+MEC	60.800 43.200.00 59.400.00	3.38 MC 2.40 3.30	T44+SAMSUN1					
Kordofan El Dalane Kordofan El Dalane Kordofan Kadoueli Kordofan El Dalane	Katala Katala Tira Mande	113-2 SHA 594.000 113-3 SHA 750.000 68-1 SHA 600.000 100-2 SHA 270.000	534.600.00 Mannul+MEC 675.000.00 Mannul+MEC 540.000.00 Mannul+MEC 243.000.00 Mannul+MEC	59.400.00 75.000.00 60.000.00 27.000	3.30 4.17 3.33 1.50						
Kordofan El Dalane Kordofan Kadoueli Kordofan Kadoueli	Julud Tabaina Tabaina	100-2 SHA 270,000 100-4 SHA 375,000 92-3 SHA 705,000 92-1 SHA 236,550	337.500.00 Mannul+MEC 634.500.00 Mannul+MEC 212.895.00 Mannul+MEC	37.500 70.500,00 23.655.00	2.08 3.92 1.31						
Kordofan Kadougli	Tura	152 Daneerous Area 4,755,043 SuspectedMineField	4279538.7 Mannual+MDD		23.1953317 MC	TASAMODI					
Kordofan Kadougli	Krongo	69 Dangerous Arc 5,770,343 SuspectedMineField		577,034	28 MC						
Kordofan Rashad Kordofan Kadougli	Um bartaboo Ragafi	108-2 SHA 400 1163 Dangerous Area 500 SuspectedMineField	360.00 MTT 450 MTT	40.00 50	0.75 MT 0.75	11		<b>-</b>			
Kordofan Kadougli Kordofan Abyei Kordofan Kadougli	Locholo Lopong Al Tiess	1205 Dangerous Area 19 Suspected Mine Field 321 Dangerous Area 12,566 Suspected Mine Field 1172 Danserous Area 236 Suspected Mine Field	17.1 MTT 11309.4 MTT 212.4 MTT	1,257 24	0.75 0.75 0.75						
Kordofan Abyei Kordofan Abyei Kordofan Kadougli	Mulual Mulual Delibia	364 Dangerous Area 6,283 SuspectedMineField 365 Danserous Area 3,142 SuspectedMineField 1298 Dangerous Area 4 UXOSpot	5654.7 MTT 2827.8 MTT 0 MTT	628 314 4	0.75 0.75 0.75			-			
Kordofan Kadougli Kordofan Kadougli	Delibia Delibia	1299 Dangerous Area 3 UXOSpot 1297 Dangerous Area 1 UXOSpot	0 MTT 0 MTT 0 MTT	3	0.75 0.75 0.75						
Kordofan Kadougli Kordofan Kadougli	Delibia Boram Salara	1296         Dangerous Area         1 UXXXSpot           1305         Dangerous Area         1 UXXXSpot           1065         Dangerous Area         49,087           BAC         ARAC	0 MTT 44178.3 MTT	1 4,909	0.75 0.75						



## Landmine/Anti-Personal Threat Map - Sudan



