

MISSIONE BILATERALE DI ASSISTENZA E SUPPORTO IN LIBIA COMANDO

Tripoli, LIBIA

Allegati: 01

Annessi: //

Tripoli, 18 maggio 2023 Cap. SCOGNAMIGLIO miasit.imcchief@smd.difesa.it

OGGETTO: MIASIT – DISTACCAMENTO MISURATA

Riconsegna base ex Field Hospital alle autorità libiche

A:

COMANDO OPERATIVO DI VERTICE INTERFORZE

ROMA

Divisione J-ENG

E, per conoscenza:

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DISTACCAMENTO MIASIT Comandante Distaccamento **MISURATA**

Seguito:

a. lettera prot. M_D A35E302 REG2023 n. 985 in data 08/05/2023;

b. lettera prot. M_D A35E302 REG2022 n. 5047 in data 10/12/2022.

- 1. Al fine di riconsegnare la base in oggetto alle autorità libiche, ad integrazione della lettera a seguito a., si invia in allegato il Verbale di Certificazione Ambientale attestante le condizioni della base al 15 aprile 2023, data di definitiva cessazione di ogni attività nell'area.
- 2. Tale Verbale integra la precedente analoga Certificazione trasmessa con lettera a seguito b. e, come concordato vie brevi con codesta Divisione, non necessita di essere fornito alla controparte.
- 3. Nel restare in attesa degli intendimenti di codesto Comando si segnala che il dipendente Distaccamento MIASIT Misurata, che legge per conoscenza, ha intrapreso i previsti contatti con l'autorità libica al fine di procedere alla formale riconsegna che si ritiene finalizzabile entro la fine del corrente mese.

IL COMANDANTE MIASIT Gen. B. Michele FRATERRIGO

INFORMAZIONI NON CLASSIFICATE

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Environmental Closeout Study

1.	Mission / Operation	BILATERAL MISSION OF ASSISTANCE AND SUPPORT IN LIE	
1. Wission / Operation		(MIASIT)	
2.	Current Occupants of the Site	Italy, TASK FORCE "IPPOCRATE 11"	
3.	Rank / Name of the Site	OF5 Fabrizio RECCHI	
	Commander		
4.	Site Environmental Protection Officer (EPO)	OR4 Antonio ROMANO	
5.	Level of Evaluation	Preliminary () Detailed (X)	
6.	Name of the Site	ITALIAN COMPOUND (Field Hospital)	
7.	Period of evaluation	From 08/24/2022 to 09/12/2022	
8.	Rank / name of evaluator	OR4 Antonio ROMANO	
9.	Evaluator experience in drafting	1 2 💢 4 5	
	an ECS	None Intense	
10.	Contact point on site	OF1 Andrea RAIMONDI	
		(Infrastructure Management Center - IMC)	
11.	Personnel / Workers interviewed	OF1 Andrea RAIMONDI	
		(Head of the Infrastructure Management Center - IMC)	
		OF3 Tommaso FARGNOLI	
		(R.S.P.P.) (Responsible of Prevention and Protection	
		Service)	
		OF2 Alessandro LAGHI	
		(Responsible for monitoring the water supply chain)	
		OF1 Federica DI LUCCIO	
		(Force Protection Officer)	
		OF3 Giovanni ZIMBARDI	
		(head of S2 cell)	
		OR9 Mario Parolise	
		(Camp Site Manager)	
		OR8 Saverio SALVIA	
		(Fuel Depot Manager)	
		OR7 Francesco DAVI '	
		(CBRN team leader)	
		OR4 Leopoldo RIZZUTI	
		(Responsible for electrical generators)	
12	. Rank / name of the Auditor	Not Present	
imat	e details (During the making of ECS	document)	
	. Temperature (° C)	32°C	
14	. Wind speed	15 km/h	
	. Wind direction	From the North	
	. Humidity	40/60 %	

17. Air quality	About the air quality, it is noted that the exposure to air pollution of soldiers employed in theaters of operations is linked to the values reported in the Italian document "Legislative Decree of 13 August 2010, n°155, which provides the entire population is subject. After the analyzes carried out, the concentrations of volatile organic compounds (VOCs), as well the values of NO2 and SO2, are lower than the limit values defined by Italian standars, as reported in Legislative Decree 81/08 and subsequent amendments and Legislative Decree 155/2010. This result is linked to the fact that has not been done a continuous or periodic sampling. (technical report N.2022 / 21 prot. N° M_D A35E302 REG2022 0002438 of 05-06-2022)
18. Odors / Vapors / fumes / Du	Ist There are no smells, vapors, fumes, dust. However, in some days, there is smoke coming from far away, but without strong odors.
19. Climatic details	There is a very hot and semiarid climate with, average annual temperature above 18°. In the summer there is a strong drought in the area due to low rainfall.
SECTION B - Site identification	
1. Location (city) Name, Nickn	ame, MISURATA, Libya. Compound inside the Misurata
alternate name	Airport.
2. Map / Grid Referencing (MG	GRS) MGRS: 33S WR 05467 75173
	DD: LAT 32.313380 LONG 15.058082
3. Current use of the Site	The area is occupied by TF-Ippocrate, for cooperation activities with the Libyan counterpart, (in particular in the training field). Over the years, the Compound has undergone numerous infrastructural works, relating to internal roads and buildings n°5-6-7 and 8. While the building n°4 was renovated in 2022. The various buildings have the following intended uses: - building 5: TF-I offices and accommodation; - building 6: offices, TF-I accommodation, infirmary and hospitalization room of Role 1; - building 7: TF-I offices, gym and accommodation; - building 8: TF-I accommodation; Mess hall and warehouses are used according to their original use following adaptation works.
4. Historical use of the site	Buildings in the area are old, (as reported in local cadastral document they were built in 1976). After some interviews with the authorities of the Libyan Academy, before the Italian army, buildings were used as accomodation for cadets of the air Force Academy. In particular, building n 6, 7, 8 were renovated in 2015. Buildings 6 and 7 were previously occupied by UK staff

	until September 2016; The water supply area has been used as a water reserve since the construction of the
	semi-buried tank. The area for fire training is a sandy area inside the airport ground. The ground nearby,
!	buildings 4 and 5, the mess hall and the warehouses
	were completely abandoned.
5. Current use of the areas next to	(X) Industrial / Military () Commercial () Parks
the Site	() Agricultural () Residential () Underdeveloped
	INDUSTRIAL / MILITARY: The compound is located inside
	the Misuata Military Airport, next to the Libyan Air Force
	Academy. The perimeter of the airport measures
	approximately 21km. Nearby there are buildings (used as
	accomodation for cadets) and the military command of the Academy.
6. Historical use of the the areas	(X) Industrial / Military () Commercial () Parks
next to the Site	() Agricultural () Residential (X) Underdeveloped
	It wasn't possible to achieve information relating to the
	historical use of the areas next to the site so it is assumed
	that it may be the same use that is currently made of it.
7. Other	For the study of the area, all the zones inside and outside
	the compound were visited.
SECTION C - Site Data	
Culture / History	There are no competeries nearby
1. Cemeteries	There are no cemeteries nearby.
Battlegrounds - Possible presence of UXO or Mine	
3. OB / OD sites and shooting ranges	There are no shooting ranges in the Italian compound. There is, besides, a shooting range not far from the Compound in coordinates 33S WR 22390 72861.
4. Monuments	There are no monuments.
5. Important archaeological features	Close to the Compound there is a religious building (mosque).
6. Other	///////
Ecology	
7. Vegetation	Composed mainly of low shrubs distributed with low density due to the aridity of the climate.
8. Fauna / Insects	About fauna in generale, there are foxes, desert rats, scorpions, snakes, jackals, hyenas. About insects there are cockroaches and butterflies.
9. Sensitive ecosystem	///////
10. Other	///////
Geography	

11. Proximity to Landfills	There is a landfill for the waste of the compound, located 11 km from the Area.
12. Proximity of Mining Industries	There are mining industries about 14 km from the site.
13. Proximity of refineries	There are refineries about 13 from the site.
14. Proximity of sources of noise	The assessment of environmental noise, in particular for the areas of Electricity Plants, does not evidence particular criticalities, that's because these devices are located in an adequated and isolated area. The assessment for the acoustic risk is included in the document for the risk assessment (DVR) approved on 08/26/2022
15. Other	///////
Hydrogeological	
16. Drinking water (water springs)	For military personnel in the compound is recommended the use of sealed bottle mineral water.
17. Supply from Wells	The water for sanitary use is taken from 2 wells, it is purified by reverse osmosis field potabilizers, it is chlorinated in such a concentration that it doesn't pose a risk to the healt of people and the environment. The water is stored in tanks and from these it is distributed to all users of the Compound. Weekly a medical officer, who is the responsible for of the water supply chain, does physical and chemical batteriological checks, taking water from different point of the Compound. The hypochlorite is introduced by personnel of the Infrastructural Services Cell into tanks before the water is introduced into the water system. Daily the amount of hypochlorite is measured by the same staff.
18. Monitoring wells	There are no monitoring wells.
19. Soil composition	The soil is sandy. There aren't documents or detailed data on the composition of the soil.
20. Soil layer model	Data not available.
21. Underground aquifers	There are two (2) wells in the Area that draw water from an underground aquifer. Thery are 16 and 20 metres deep. There is no further details about other underground aquifers.
22. Other	////////
Topography	
23. Waterways or ditches	There are no waterways or ditches.
24. Potential Flooding	There aren't episods of flooding due to the arid weather of the area.
25. Horizontal Distance from Water Surfaces	There are no sources of surface water nearby.

26. Potential outcrops of water	Not Present.
27. Presence of Doline	Not Present.
28. Slopes	Not Present.
29. Stagnant waters	Not Present.
30. Other	///////
Local practices or on-site practices	
31. Waste Collection and Disposal	The collection of Urban Solid Waste in the Compound is daily carried out and then disposed off by a contracted local company, (DELTA INTERNATIONAL) Waste are placed in a precise zone of the Compound. Toner and WEEE are stored in containers inside a Temporary Deposit. Special and hazardous waste are collected in the Temporary Deposit and disposed off by local companies.
32. Sewerage and sludge collection of treatment and disposal	The waste water (black and gray) is collected and treated in the local sewerage system. The waste water of the mess is collected in the septic tank inside the compound and disposed off with local tankers.
33. Incineration	No incineration activities
34. Contaminant Containment Mechanisms.	All the energy stations (GG.EE.) currently in use in the Compound are positioned on concrete bases to hold any spills. All tanks as well as the generators are equipped with containment tanks. It should be noted that near the Energy stations rented there aren't liquid spills, however any charges for remediation of the areas below the generators, currently not accessible, are by the local company that supplied the equipment. The exhausted oils, resulting from various activities, are stored inside containers placed on collection basins, with capacities and dimensions suitable for those of the overlying containers. In the workshop area there containers filled with the oils needed to work and under these there are containment tanks.
35. Storage of Fuels / Oils / Lubricants	In the workshops there are tanks filled with oils and lubricants for vehicle maintenance.
36. Spent Oil Storage / Coolant / Antifreeze / Batteries / Chemicals	Spent oils, resulting from various activities performed in the Compound, are stored in containers and under these there are containment tanks suitable to contain any spills. Used oils produced by the mess are stored inside a container placed on a containment tank. The exhausted oils resulting from the maintenance activities of the workshop are stored in containers positioned on containment basins. In the area of the Infrastructural Services Cell there are containment tanks that are capable to contain the drums in wich the spent oils are stored.

37. Use of Cleaning Products	All cleaning materials used by the staff of the compound are correctly stored and there is a Safety Data Sheet which is kept from the various users and from the Prevention and Protection Service with the Assessment Document of Risks.
38. Use of Dripstones in workshops and parking areas.	All vehicles have no drips. As a replacement, vehicles have supplied absorbent materials for a possible loss of harmful substances.
39. Use of halocarbons (Freon, Halon)	Halocarbons are not used.
40. Local energy or generation methods (GG.EE.)	The supply of the energy necessary to supply all the users of the base is through the local electricity network and with Diesel-powered Energy Stations (GG.EE.) that are located in different zones of the Compound.
41. Fire Fighting (Training Activities, products used for the activity)	Fire-fighting training, are carried out by qualified military personnel in designated areas and with special equipment and products.
42. Other	///////
Buildings	
43. List of facilities.	The Infrastructure Management Center (IMC) has a list of the infrastructures (with related inventory files) present in the Compound. About 90% of the Base infrastructures are made up of masonry buildings.
44. Heating / cooling system of the structures	The cooling / heating system of all the structures inthe Compound takes place through localized air conditioning systems, which guarantee a right air conditioning. Their maintenance is managed by a local company.
45. Stains and corrosion.	There are no stains on floors, walls or ceilings.
46. Drains and wells.	The waste of toilets are conveyed from PVC pipes into wells next to the buildings and from these into the sewer system.
47. Fire Range: Location, description and approximate use.	There are no fire range in the Compound
48. Plan description of the service lines	
49. Untreated sewage from faulty piping	There are no untreated sewage
50. Abandoned Sewer Lines or Open Sewers.	There are no open sewers in the Compound.
51. Wells (Location)	The Infrastructure Management Center (IMC) has a floor plan indicating the position of the different underground lines for communications, electricity and sewerage.
52. Asbestos materials (MCA) (Location)	There are no asbestos materials.

53. Lead-based paints (Peeling or	There are no lead-based paints on the walls of the
splintering paint)	buildings and they aren't used in working activities by
Shuttering banti	Italian personnel.
F4 Tamparatura of the Hot Water	The temperature at which the sanitary water is kept warm
54. Temperature of the Hot Water	doesn't allow the proliferation of the Legionella
System.	bacterium.
	In March 2022 was made a monitoring that gave a
	negative result of the presence of this bacterium. Reference document n ° M_D A35E302 REG2022 0001296
	DATED 01/03/2022 TECHNICAL REPORT 2022/6.
	These data are available in the records of the Prevention
	and Protection Service and in the Document of Risk
	Assessment.
55. Internal Ventilation	In the buildings there are no ventilation systems apart
	from those of the air conditioning.
	The cleaning of the filters is carried out by specialized staff
56. Presence of laundry	There isn't a laundry
57. Vehicle maintenance	In the workshop there is a paved surface but there isn't an
	internal channeling that conveys any spills of oil and
	lubricant into an external tank. During the activities that
	require the handling of oil, is ensurethe presents of
	materials for the containment of any spills in the
	neighbouring area.
58. Position of vehicles washing	There are no vehicles washing systems.
system	
59. Devices containing PCBs	There aren't any devices.
60. OFFI (Urea of the insulation foam	There is no visible presence of insulating foam Urea.
containing Formaldehyde)	
61. Other	///////
Existing Risks	
62. High Risk Neighborhood	////////
63. Known Hazardous Materials	The R.S.P.P. Officer has a list of Safety Data Sheets of
(HAZMAT) managed on the Area.	almost all the Hazardous Materials that are used in the
	activities in the Compound. Besides, all branches have an
	hard copy available for easy consulting.
64. Reporting of Spills / Accidents	///////
65. Proximity to underground tanks,	///////
number and type of content.	
66. Sanitary waste, location and	Special clinical waste are disposed of by a local specialized
procedures followed.	Company.
67. Other	///////
Contaminations Observed	
68. Oil stains on the water	Not Present.
69. Environmental Accidents	No environmental accidents have been observed.
Observed	

No spots or colored ground have been observed.
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General Comments / Required Actions

The following study was done by OR4 Antonio ROMANO in the period of August / September 2022. The information included in this report was obtained through interviews, on-site visits, photographs and reviews previous document. The findings and conclusions of this report are based on an analysis of the information available at the time and on the auditor's professional opinion. Zones that requiring corrective action will be prioritized and handled as permitted by operational requirements prior to closure or transfer of the Compound. As things stand, from an accurate control of the base areas, no particular critical issues have emerged with regard to possible soil pollution or events attributable to them.

References:

- Environmental Baseline Study (EBS): 17 FEBRUARY 2018.
- Environmental Conditions Report (ECR): 21 JUNE 2018.
- Environmental Conditions Report (ECR): 03 FEBRUARY 2019.

MISURATA, Written by:	GRS & As Algues	2 1 327 2022
	OR4 ANTONIO ROMANO	DATE
Certified by:	al. Celiar hui	
	OF5 FABRIZIO RECCHI	DATE

ENVIRONMENTAL HANDOVER CERTIFICATE

Compound Italian Contingent of Misurata (LIBYA) (Field Hospital)

Section 1.0 - General Information

1.1 Transfer of property information

Name of Future Occupant

or Property Owner: Libyan Government

Expected Date of Handover: 30/09/2022

Proposal for Post-Occupancy

Intended Use:

Industrial/Military

1.2 Area Assessment information

In this Area have been made the following assessments:

Environmental Baseline Study (EBS): 17 FEBRUARY 2018. Environmental Conditions Report (ECR): 21 JUNE 2018.

Environmental Conditions Report (ECR): 03 FEBRUARY 2019.

1.3 Outstanding Environmental issues

There aren't outstanding environmental issues.

1.4 Facilities Scheduled for Transfer to the Legal Owner

- a. Landfill sites of solid non-hazardous waste: There are no outstanding environmental issues.
- b. Incinerators: Not present in the area.
- c. Storage facilities or incinerators for hazardous materials and hazardous waste: There aren't outstanding environmental issues.
- d. Wastewater Treatment Plant(s): There aren't outstanding environmental issues.
- e. Facilities for the handling of oil: There aren't outstanding environmental issues.
- f. Firing ranges: Not present in the area.
- g. Ammunition magazine: There aren't outstanding environmental issues.

Section 2.0 - Environmental Handover Certification

The environmental handover Certification of the Italian contingent in Misurata was written using all the information achieved over the years by the various auditors. During the years of occupation of the area, all the works that has been done did't worsen the starting condition, as agreed with Libyan authorities. So because, the Italian State shall not be held liable for changes, works or maintenance made before the occupation of the area or any contaminations due to third parties.

Written by: G	OR4 Antonio ROMANO	DATE
Certified by:	(ル. Colura / Minimum OF5 Fabrizio RECCHI	DATE
(Libyan counterp	party agrees to accept the area in the enviro	onmental conditions that it's in.)
	Surname and Name	DATE

Section 3.0 - Document Distribution

This document has been released to the following organizations. Copies will be kept in these sites as shown:

Original document:

Libyan Government

Copy of the document: J-ENG COVI



MISSIONE BILATERALE DI ASSISTENZA E SUPPORTO IN LIBIA COMANDO

Tripoli, LIBIA

OGGETTO: Misurata, LIBIA – Base denominata ex *Field Hospital*. Sede della TF – Ippocrate e del Distaccamento MIASIT Misurata.

Seguito: lettera prot. M_D A35E302 REG2022 n. 0005047 in data 10/12/2022.

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Verbale di Certificazione Ambientale

PREMESSO CHE

al fine di restituire alla *Host Nation* (HN) l'area in oggetto, nel periodo 24 agosto - 12 settembre 2022 è stato elaborato, a cura di un esperto qualificato *Environmental Protection Officer* (EPO), l'*Environmental Closeout Study* (ECS) attestante le condizioni ambientali in cui si trovava l'area in tale periodo, approvato dal Col. Fabrizio RECCHI, Comandante *pro tempore* della TF-Ippocrate, in data 21 settembre 2022.

CONSIDERATO CHE

- con lettera a seguito il Comandante *pro tempore* della T.F.-Ippocrate ha confermato al 10 dicembre 2022 le condizioni ambientali dichiarate nella su menzionata Certificazione;
- dal 10 dicembre 2022 al 15 aprile 2023 non sono state effettuate attività di rilievo ambientale e non sono accaduti eventi che abbiano potuto arrecare danni ambientali;
- dal 15 aprile 2023, ultimati a cura della controparte libica i lavori infrastrutturali presso la nuova area denominata "Palazzina C", il contingente del Distaccamento MIASIT Misurata si è insediato presso la nuova sede ed ha lasciato definitivamente la base denominata *Field Hospital*;
- dal 16 aprile 2023 nell'area in oggetto non è stata più effettuata alcuna attività, l'area è tenuta in custodia in attesa di riconsegnarla alle autorità libiche;

DICHIARO

che dal 10 dicembre 2022, data di certificazione delle condizioni ambientali dell'area, al 15 aprile 2023, data di cessazione di ogni attività nell'area in oggetto, non si sono verificati cambiamenti o eventi rilevanti che abbiano potuto arrecare in essa danni ambientali e pertanto

CERTIFICO

che la stessa si trova nelle medesime condizioni in cui si trovava in data 21 settembre 2022.

Tripoli, 18 maggio 2023

IL COMANDANTE MIASIT Gen. B. Michele FRATERRIGO