

ANNEX 4

INVENTORY OF RESPONSE EQUIPMENT, PRODUCTS AND OTHER MEANS WHICH EACH PARTY MIGHT OFFER AS ASSISTANCE IN CASE OF THE ACTIVATION OF THE PLAN AND DIRECTORY OF RESPONSE PERSONNEL

History of Changes

Version	Date
1	25/05/2022
2	27/04/2023
3	10/04/2025
4	10/02/2026

CYPRUS (1)

LIST 1: TYPES AND QUANTITY OF EQUIPMENT UNDER GOVERNMENT CONTROL*

TYPE OF EQUIPMENT	QUANTITY	OWNERSHIP*
High sea (open sea)	[unit]	
High sea (open sea) boom	[m]	
Harbour (protected waters) boom	[m]	
Skimming barrier	[unit]	
Sweeping arm	[unit]	
Skimmers (above 50 t/h capacity)	[unit]	
Skimmers (10 - 20 t/h capacity)	[unit]	
Vacuum pump unit with skimming head	[unit]	
Portable storage tank (for use on land)	[unit]	
Floating container/towable tank	[unit - capacity]	
Sorbent boom	[m]	
Other sorbent material	[kg]	
Dispersant spraying equipment	for boats [unit/set] for aircraft [unit/set]	
Homologated dispersant	[m ³]	
Specialized spill response vessel (harbour)	[unit]	
Specialized spill response vessel (open sea)	[unit]	
Fixed wing aircraft (surveillance)		
Fixed wing aircraft (dispersant spraying)		
Helicopter (surveillance)	[unit]	
Helicopter (dispersant spraying)	[unit]	
Other equipment (specify type e.g. pump, pressure cleaner, power pack, etc. and quantity)		
-		
-		
-		
-		
-		

1. The list includes equipment owned by public (**P**), para-public (**PP**) and private sector/industry (**PI**), to which the Government has access and over which it has control in case of the activation of the NCP.

CYPRUS (2)

**LIST 2: LIST OF EQUIPMENT WHICH MAY BE MADE AVAILABLE FOR ASSISTANCE
WITHIN THE FRAMEWORK OF THE SUB-REGIONAL MARINE POLLUTION
CONTINGENCY PLAN BETWEEN CYPRUS, GREECE AND ISRAEL**

TYPE OF EQUIPMENT	BRAND/ SPECS/ DIMENSIONS	QUANTITY	UNIT
High sea (open sea) boom			[m]
Harbour (protected waters) boom	Scorpion floating containment booms of L.O.A 100 m, Universal Connection, type 920C. Package dimension: L2.50m/H1.30m/W2.00m	500	[m]
Skimming barrier			[unit]
Sweeping arm			[unit]
Skimmers (above 50 t/h capacity)			[unit]
Skimmers (10 - 20 t/h capacity)	1. VIKOMA KOMARA Skimmer – 12K 2. Disk oil skimmer MI - 30	2	[unit]
Vacuum pump unit with skimming head			[unit]
Portable storage tank (for use on land)			[unit]
Floating container/towable tank			[unit - capacity]
Sorbent boom	SKORPION P 3020, L.O.A. 12 m, Package dimension: 4 pieces, L3.00m x D0.20m each	200	[m]
Other sorbent material			[kg]
Dispersant spraying Equipment	for boats for aircraft	Diesel engine YANMAR SKW OLYMPUS 0S - 328T, Pressure: 15-20 Kg/m ² , Capacity 22lit/min, Package dimension: L1.00m/H1.00m/W0.50m	2 [set]
Homologated dispersant			[m ³]
Specialized spill response vessel (harbour)			[unit]
Specialized spill response vessel (open sea)	Specialized oil collection and recovery vessel of length 26 m Aluminium Patrol Vessel with spray unit, L.O.A. – 25.4 m YANMAR SKW – Diesel Engine Power Sprayer, Pressure: 21-40 kg/cm ² , Capacity 30-45 lt/min	1 1	[unit]
Fixed wing aircraft (surveillance)			[unit]
Fixed wing aircraft (dispersant spraying)			[unit]
Helicopter (surveillance)			[unit]
Helicopter (dispersant spraying)			[unit]
Other equipment (specify type e.g. pump, pressure cleaner, power pack, etc. and quantity)	-		-

CYPRUS (3)

LIST 3: DIRECTORY OF EXPERTS WITHIN THE COUNTRY WHO COULD PROVIDE EXPERT ADVICE TO OTHER PARTIS WHICH SO REQUEST IN CASE OF A MAJOR MARINE OIL POLLUTION INCIDENT AND/OR IN CASE OF THE ACTIVATION OF THE SUB-REGIONAL MARINE POLLUTION CONTINGENCY PLAN BETWEEN CYPRUS, GREECE AND ISRAEL

NO.	NAME OF THE EXPERT	CONTACT AUTHORITY	FIELD(S) OF EXPERTISE								
			A	B	C	D	E	F	G	H	I
1											
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10											

FIELDS OF EXPERTISE:

- A** Analysis, assessment and forecasting of oil slick behaviour, fate and movement
- B** Response planning and logistics
- C** Response strategy/tactical choices and options
- D** Methods and techniques for oil spill response at sea: containment/recovery
- E** Oil spill response at sea: use of dispersants and other non-mechanical response methods
- F** Shoreline clean-up techniques and methods
- G** Treatment and disposal of wastes
- H** Oiled wildlife response
- I** Financial documentation and claims for compensation

Please insert an "X" in the respective column next to the name of the expert.

CONTACT AUTHORITIES:

- 1 Authority X (contact details)
- 2 Authority Y (contact details)
- 3 Authority Z (contact details)

(Please identify the competent national authorities through which the services of the expert(s) could be negotiated/arranged. If the expert is an individual advisor/consultant not affiliated with a national authority, but having its official approval/endorsement, please indicate the expert's personal contact details.)

GREECE (1)

LIST 1: TYPES AND QUANTITY OF EQUIPMENT UNDER GOVERNMENT CONTROL*

TYPE OF EQUIPMENT	QUANTITY	OWNERSHIP*
High sea (open sea) boom	[m]	
Harbour (protected waters) boom	[m]	
Skimming barrier	[unit]	
Sweeping arm	[unit]	
Skimmers (above 50 t/h capacity)	[unit]	
Skimmers (10 - 20 t/h capacity)	[unit]	
Vacuum pump unit with skimming head	[unit]	
Portable storage tank (for use on land)	[unit]	
Floating container/towable tank	[unit - capacity]	
Sorbent boom	[m]	
Other sorbent material	[kg]	
Dispersant spraying equipment	for boats for aircraft	[unit/set] [unit/set]
Homologated dispersant	[m ³]	
Specialized spill response vessel (harbour)	[unit]	
Specialized spill response vessel (open sea)	[unit]	
Fixed wing aircraft (surveillance)		
Fixed wing aircraft (dispersant spraying)		
Helicopter (surveillance)	[unit]	
Helicopter (dispersant spraying)	[unit]	
Other equipment (specify type e.g. pump, pressure cleaner, power pack, etc. and quantity)		
-		
-		
-		
-		
-		

* The list includes equipment owned by public (P), para-public (PP) and private sector/industry (PI), to which the Government has access and over which it has control in case of the activation of the NCP.

GREECE (2)

**LIST 2: LIST OF EQUIPMENT WHICH MAY BE MADE AVAILABLE FOR ASSISTANCE
WITHIN THE FRAMEWORK OF THE SUB-REGIONAL MARINE POLLUTION
CONTINGENCY PLAN BETWEEN CYPRUS, GREECE AND ISRAEL**

TYPE OF EQUIPMENT	BRAND/SPECS/DIMENSIONS	QUANTITY *	UNIT
High sea (open sea) boom	Type: Curtain inflatable (in a reel) Brand: POLY BOOM 920 Freeboard: 320 mm, Draft: 600 mm	200	[m]
Harbour (protected waters) boom	Type: Fence Brand: POLY BOOM 1100 Freeboard: 400 mm, Draft: 700 mm 120 m per package	480	[m]
Skimming barrier		0	[unit]
Sweeping arm		0	[unit]
Skimmers (above 50 t/h capacity)		0	[unit]
Skimmers (10 - 20 t/h capacity)	Type: Disk skimmer Name: Multiskimmer SK 30 Capacity: 30 m ³ /h	2	[unit]
Vacuum pump unit with skimming head		0	[unit]
Portable storage tank (for use on land)		0	[unit]
Floating container/towable tank		0	[unit - capacity]
Sorbent boom	Scorpion SPC 810 12 m (4 pieces of 3 m) per package	400	[m]
Other sorbent material	Different types: Rolls, Pads, Pillows	4000	[kg]
Dispersant spraying equipment		-	[set]
		0	[set]
Homologated dispersant	Type: 3 rd Generation, type 2 Brand: Marichem Oil Spill Dispersant	4	[m ³]
Specialized spill response vessel (harbour)	Length: 29 m., Draft: 2,4 m Oil recovery via portable Skimmer Fixed dispersant spraying system Deployment of booms Storage tank of 10 m ³	1**	[unit]
Specialized spill response vessel (open sea)		0	[unit]
Fixed wing aircraft (surveillance)	Type: CESSNA-REIMS F-406 Pollution Detection Device SLAR Day/IR Camera (FLIR)	1**	[unit]
Fixed wing aircraft (dispersant spraying)		0	[unit]
Helicopter (surveillance)		0	[unit]
Helicopter (dispersant spraying)		0	[unit]
Other equipment (specify type e.g. pump, pressure cleaner, power pack, etc. and quantity)		-	-

REMARKS:

(*) Equipment available for assistance from the Central Warehouse of the HCG. The biggest part of HCG's antipollution equipment has been distributed to the Local Port Authorities of the HCG (63 Port Authorities around Greece) for immediate use, in order to minimize the response time for combating Tier 1 and Tier 2 incidents, according to the NCP.

(**) Depending on the operational state of the vessels and aircrafts of HCG, and also on their availability and the operational needs of HCG, at the time of the request for assistance.

GREECE (3)

LIST 3: DIRECTORY OF EXPERTS WITHIN THE COUNTRY WHO COULD PROVIDE EXPERT ADVICE TO OTHER PARTIES WHICH SO REQUEST IN CASE OF A MAJOR MARINE OIL POLLUTION INCIDENT AND/OR IN CASE OF THE ACTIVATION OF THE SUB-REGIONAL MARINE POLLUTION CONTINGENCY PLAN BETWEEN CYPRUS, GREECE AND ISRAEL

NO.	NAME OF THE EXPERT	CONTACT AUTHORITY	FIELD(S) OF EXPERTISE								
			A	B	C	D	E	F	G	H	I
1											
2											
3											
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FIELDS OF EXPERTISE:

- A** Analysis, assessment and forecasting of oil slick behaviour, fate and movement
- B** Response planning and logistics
- C** Response strategy/tactical choices and options
- D** Methods and techniques of oil spill response at sea: containment/recovery
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- F** Shoreline clean-up techniques and methods
- G** Treatment and disposal of oily wastes
- H** Oiled wildlife response
- I** Financial documentation and claims for compensation

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ISRAEL (1)

LIST 1: TYPES AND QUANTITY OF EQUIPMENT UNDER GOVERNMENT CONTROL*

TYPE OF EQUIPMENT	QUANTITY	OWNERSHIP*
High sea (open sea) boom	1,400 [m]	P
Harbour (protected waters) boom	600 [m]	P
Skimming barrier	- [unit]	
Sweeping arm	- [unit]	
Skimmers (above 50 t/h capacity)	5 [unit]	P
Skimmers (10 - 20 t/h capacity)	4 [unit]	P
Vacuum pump unit with skimming head	3 [unit]	P
Portable storage tank (for use on land)	11 [unit]	P
Floating container/towable tank	- [unit - capacity]	
Sorbent boom	-.[m]	
Other sorbent material	- [kg]	
Dispersant spraying equipment	3 [unit/set]	P
for boats		
for aircraft	- [unit/set]	
Homologated dispersant	30 [m ³]	P
Specialized spill response vessel (harbour)	- [unit]	
Specialized spill response vessel (open sea)	1 [unit] 38.5 m vessel for command, control & dispersant spraying	PP
Fixed wing aircraft (surveillance)	- [unit/set]	
Fixed wing aircraft (dispersant spraying)	- [unit/set]	
Helicopter (surveillance)	- [unit/set]	
Helicopter (dispersant spraying)	- [unit/set]	
Other equipment (specify type e.g. pump, pressure cleaner, power pack, etc. and quantity)	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

* The list includes equipment owned by public (P), para-public (PP) and private sector/industry (PI), to which the Government has access and over which it has control in case of the activation of the NCP.

ISRAEL (2)

**LIST 2: LIST OF EQUIPMENT WHICH MAY BE MADE AVAILABLE FOR ASSISTANCE
WITHIN THE FRAMEWORK OF THE SUB-REGIONAL MARINE POLLUTION
CONTINGENCY PLAN BETWEEN CYPRUS, GREECE AND ISRAEL**

TYPE OF EQUIPMENT		QUANTITY	UNIT	BRAND/SPECS/DIMENSION S
High sea (open sea) boom		4*200	[m]	Type: Curtain inflatable (on a reel) Brand: VIKOMA HI SPRINT 1500, SPI Freeboard: 600 mm, Draft: 900 mm
Harbour (protected waters) boom		300	[m]	Type: Curtain foam 900 mm
Skimming barrier		-	[unit]	
Sweeping arm		-	[unit]	
Skimmers (above 50 t/h capacity)		2	[unit]	1. Type: Weir skimmer Name: faros marine GT-185 Capacity: 45 m3/h 2. Type: mop skimmer Name: SEAMOP 8090 Capacity: 70 m3/h
Skimmers (10 - 20 t/h capacity)		2	[unit]	Type: Brush Wheels skimmer Name: LAMOR MINIMAX SKIMMER (LMM) 12 -Capacity: 20 m3/h
Vacuum pump unit with skimming head		-	[unit]	
Portable storage tank (for use on land)		5	[unit]	fast tank 5 m3
Floating container/towable tank		-	[unit - capacity]	
Sorbent boom		-	[m]	
Other sorbent material		-	[kg]	
Dispersant spraying equipment	for boats	1	[unit/set]	Ayles Fernie - BOATSPRAY 100
	for aircraft	-	[unit/set]	
Homologated dispersant		30	[m ³]	ZI-400
Specialized spill response vessel (harbour)		-	[unit]	
Specialized spill response vessel (open sea)		1	38.5 m vessel for command, control & dispersant spraying	R/V Bat Galim
Fixed wing aircraft (surveillance)		-	[unit]	
Fixed wing aircraft (dispersant spraying)		-	[unit]	
Helicopter (surveillance)		-	[unit]	
Helicopter (dispersant spraying)		-	[unit]	
Other equipment (specify type e.g. pump, pressure cleaner, power pack, etc. and quantity)		-	[unit]	

ISRAEL (3)

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			A	B	C	D	E	F	G	H	I
1	Fred Arzoine	MEPD, MoEP*		X	X	X		X			X
2	Danit Levi Nizri	MEPD, MoEP*	X	X	X	X	X	X			
3	Nir Levinski	MEPD, MoEP*		X	X	X		X			
4	Oz Goren	MEPD, MoEP*		X	X	X		X			
5	Eli Warburg	MEPD, MoEP*		X	X	X					
6	Yael Shai	MEPD, MoEP*			X			X			
8	Ron Goldman	Israel Oceanographic and Limnological Research	X								
9	Nir Nissenzvieg	M. Dizengoff Ltd									X
10	Reuven Belmaker	MEPD, MoEP*	X								
11	Ram Greenwald	MEPD, MoEP*		X	X						

* MEDP, MoEP = Marine Environment Protection Division, Ministry of Environmental Protection

FIELDS OF EXPERTISE:

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