



**UNITED
NATIONS**

EP

UNEP(DEPI)/MED WG.446/Inf.7



**UNITED NATIONS
ENVIRONMENT PROGRAMME
MEDITERRANEAN ACTION PLAN**

1 November 2017
English only

Second Meeting of the Regional Cooperation Platform on Marine Litter

Barcelona, Spain, 9-10 November 2017

Agenda item 1: State of Play on Marine Litter in the Mediterranean

MEDPOL Metadata Templates for Beach and Seafloor Marine Litter

For environmental and economic reasons, this document is printed in a limited number. Delegates are kindly requested to bring their copies to meetings and not to request additional copies.



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**UNITED NATIONS
ENVIRONMENT PROGRAMME
MEDITERRANEAN ACTION PLAN**

UNEP

20 July 2017
English only

Meeting of the MED POL Focal Points

Rome, Italy, 29-31 May 2017

Report of the Meeting of the MED POL Focal Points

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UNEP/MAP
Athens, 2017

Annex IIa
MEDPOL Marine Litter Beach ID Form



Mediterranean Action Plan
Barcelona Convention

MEDPOL Marine Litter Beach ID Form

Name of the beach:			
National beach ID:			
Contracting Party:			
① Beach width at mean low spring tide (m):		② Beach width at mean high spring tide (m):	
③ Total length of beach (m)		④ Back of the beach (example dunes):	
⑤ GPS coordinates start 100 m (wgs84 – dd mm ss.ss)		⑥ GPS coordinates end 100 m (wgs84 – dd mm ss.ss)	
⑤ GPS coordinates start 100 m (IF REPLICATE) (wgs84 – dd mm ss.ss)		⑥ GPS coordinates end 100 m (IF REPLICATE) (wgs84 – dd mm ss.ss)	
Prevailing currents off the beach:	N E S W	Prevailing winds:	N E S W
When you look from the beach to the sea, what direction is the beach facing?:			N E S W
Type of beach material (% coverage): (e.g. sand 60%, pebbles 40%)			
Beach topography: (e.g. slope 20%)			
Are there any objects in the sea (e.g. a pier) that influence the currents (If YES, specify)			
Major beach usage (local people, swimming and sunbathing, fishing, surfing, sailing etc):			
1.		seasonal or whole year round:	
2.		seasonal or whole year round:	
3.		seasonal or whole year round:	
Access to the beach:			
<p style="text-align: center;">Pedestrian <input type="checkbox"/> Vehicle <input type="checkbox"/> Boats <input type="checkbox"/></p>			
Nearest town:			
Name:		Distance to the beach:	Population:

Is there any development behind the beach?:	No	Yes, please describe:
Are there food and/or drink outlets on the beach?:	No	Yes
Distance from the survey area (m):		
Present all year round:	Yes	No, please specify in month:
Position of food and/or drink outlet in relation to the survey area:		N E S W
Distance from the beach to the nearest shipping lane (km):		
What is the estimated traffic density: (<i>number of ships/year</i>):		
Is it used mainly by merchant ships, fishing vessels or all kinds:		
Position of shipping lane in relation to survey area:		N E S W
Distance from the beach to the nearest harbour (km):		
Name of the harbour:		
Is the harbour entrance facing the survey area?:		Yes No
Position of harbour in relation to survey area:		N E S W
Type of harbour:		
Size of harbour (number of ships):		

Distance from the beach to the nearest river mouth (km):				
Name of the river:				
What is the position of river mouth in relation to survey area:		N	E	S W
Distance from the beach to the nearest discharge or discharges of waste water (km):				
Position of discharge points in relation to survey area:		N	E	S W
How often is the beach cleaned:				
All year round:	Daily	<input type="checkbox"/>	Weekly	<input type="checkbox"/>
	Monthly	<input type="checkbox"/>	Other:	
Seasonal, <i>please specify in months</i> :	Daily	<input type="checkbox"/>	Weekly	<input type="checkbox"/>
	Monthly	<input type="checkbox"/>	Other:	
What method is used:	Manual	<input type="checkbox"/>	Mechanical	<input type="checkbox"/>
Who is responsible for the cleaning:				

Additional comments and observations about this beach:			
Please include:			
1. A map of the beach			
2. A map of the beach and the local surroundings. When relevant please mark on this map the following:			
	Nearest town	Food/drink outlets	Nearest shipping lane
	Nearest harbour	Nearest river mouth	Discharge or discharges of waste water
3. A regional map			
Is this an amendment to an existing questionnaire:		Yes	No
Date questionnaire is filled in:		/	/ (d/m/y)
Name:			
Phone number:			
E-mail:			

Annex IIb
MEDPOL Beach Litter Survey Form



Mediterranean Action Plan
Barcelona Convention

MEDPOL Beach Litter Survey Form

Name of the beach:	
National beach ID:	
Contracting Party:	
Date of survey (dd/mm/yy)	
Number of surveyors:	
Responsible of this survey:	Name: Phone number: Email address:
Previous conducted survey (dd/mm/yy)	

Additional Information

Did you divert from the predetermined 100 metres:	No Yes, please specify new GPS coordinates
Did any of the following weather conditions affect the data of the survey:	
Wind <input type="checkbox"/>	Rain <input type="checkbox"/>
Sand storm <input type="checkbox"/>	Fog <input type="checkbox"/>
Snow <input type="checkbox"/>	Exceptionally high tide <input type="checkbox"/>
Did you find stranded or dead animals?	
Yes <input type="checkbox"/>	No <input type="checkbox"/> If so how many:
Describe the animals, or note the species name if known:	
Stranded animals	Dead <input type="checkbox"/> Alive <input type="checkbox"/>
Is the animal entangled in litter?	Yes <input type="checkbox"/> No <input type="checkbox"/> If so, specify litter item
Were there any circumstances that influenced the survey? For example tracks on the beach (cleaning or other), recent replenishment of the beach or other. Please specify:	
Were there any unusual marine litter items and/or marine litter loads? Please specify:	

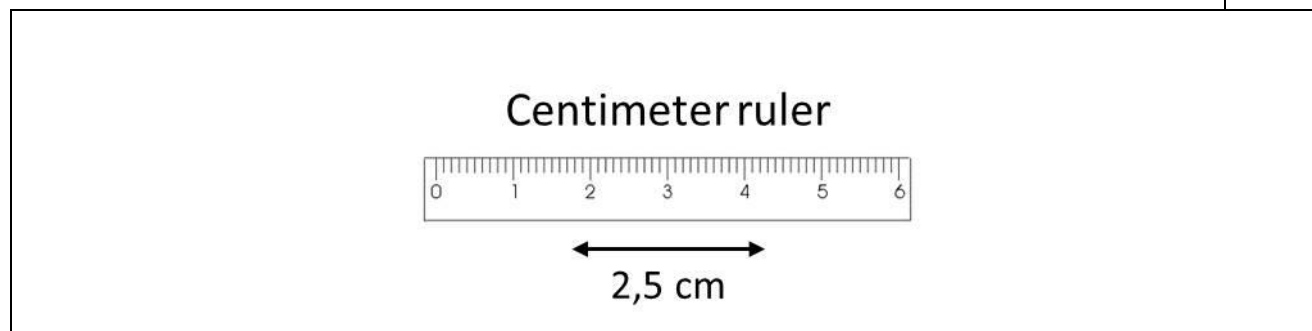


Mediterranean Action Plan
Barcelona Convention

MEDPOL Beach Litter Survey Form

ID (See note)	PLASTIC/POLYSTYRENE	N° units
G1	4/6-pack yokes, six-pack rings	
G3	Shopping bags incl. pieces	
G4	Small plastic bags, e.g. freezer bags incl. pieces	
G5	Plastic bag collective role; what remains from rip-off plastic bags	
G7/G8	Drink bottles	
G9	Cleaner bottles & containers	
G10	Food containers incl. fast food containers	
G11	Beach use related cosmetic bottles and containers, e.g. Sunblocks	
G14	Engine oil bottles & containers <50 cm	
G15	Engine oil bottles & containers >50 cm	
G16	Jerry cans (square plastic containers with handle)	
G17	Injection gun containers (including nozzles)	
G13	Other bottles & containers	
G18	Crates and containers / baskets	
G19	Car parts	
G21/24	Plastic caps and lids (including rings from bottle caps/lids)	
G26	Cigarette lighters	
G28	Pens and pen lids	
G29	Combs/hair brushes/sunglasses	
G30/31	Crisps packets/sweets wrappers/ Lolly sticks	
G32	Toys and party poppers	
G33	Cups and cup lids	
G34/35	Cutlery and trays/Straws and stirrers	
G36	Fertiliser/animal feed bags	
G37	Mesh vegetable bags	
G40	Gloves (washing up)	
G41	Gloves (industrial/professional rubber gloves)	
G42	Crab/lobster pots and tops	
G43	Tags (fishing and industry)	
G44	Octopus pots	

G45	Mussels nets, Oyster nets including plastic stoppers	
G46	Oyster trays (round from oyster cultures)	
G47	Plastic sheeting from mussel culture (Tahitians)	
G49	Rope (diameter more than 1cm)	
G50	String and cord (diameter less than 1 cm)	
G53	Nets and pieces of net < 50 cm	
G54	Nets and pieces of net > 50 cm	
G56	Tangled nets/cord	
G57/58	Fish boxes - plastic or polystyrene	
G59	Fishing line/monofilament (angling)	
G60	Light sticks (tubes with fluid) incl. Packaging	
G62/63	Floats for fishing nets/ Buoys	
G65	Buckets	
G66	Strapping bands	
G67	Sheets, industrial packaging, plastic sheeting	
G68	Fibre glass/fragments	
G69	Hard hats/Helmets	
G70	Shotgun cartridges	
G71	Shoes/sandals	
G73	Foam sponge	
G75	Plastic/polystyrene pieces 0 - 2.5 cm	
G76	Plastic/polystyrene pieces 2.5 cm - 50 cm	
G77	Plastic/polystyrene pieces > 50 cm	
G91	Biomass holder from sewage treatment plants	
G124	Other plastic/polystyrene items (identifiable) including fragments	
<i>Please specify the items included in G124</i>		




Note: The allocated codes may be revised in the near future.

ID	RUBBER	N° units
G125	Balloons and balloon sticks	
G127	Rubber boots	
G128	Tyres and belts	
G134	Other rubber pieces	
<i>Please specify the items included in G134</i>		
ID	CLOTH	N° units
G137	Clothing / rags (clothing, hats, towels)	
G138	Shoes and sandals (e.g. Leather, cloth)	
G141	Carpet & Furnishing	
G140	Sacking (hessian)	
G145	Other textiles (incl. rags)	
<i>Please specify the items included in G145</i>		
ID	PAPER / CARDBOARD	N° units
G147	Paper bags	
G148	Cardboard (boxes & fragments)	
G150	Cartons/Tetrapack Milk	
G151	Cartons/Tetrapack (others)	
G152	Cigarette packets	
G27	Cigarette butts and filters	
G153	Cups, food trays, food wrappers, drink containers	
G154	Newspapers & magazines	
G158	Other paper items, including fragments	
<i>Please specify the items included in G158</i>		
ID	PROCESSED / WORKED WOOD	N° units
G159	Corks	
G160/161	Pallets / Processed timber	
G162	Crates	
G163	Crab/lobster pots	
G164	Fish boxes	
G165	Ice-cream sticks, chip forks, chopsticks, toothpicks	
G166	Paint brushes	
G171	Other wood < 50 cm	
<i>Please specify the items included in G171</i>		
G172	Other wood > 50 cm	
<i>Please specify the items included in G172</i>		

ID	METAL	N° units
G174	Aerosol/Spray cans industry	
G175	Cans (beverage)	
G176	Cans (food)	
G177	Foil wrappers, aluminium foil	
G178	Bottle caps, lids & pull tabs	
G179	Disposable BBQ's	
G180	Appliances (refrigerators, washers, etc.)	
G182	Fishing related (weights, sinkers, lures, hooks)	
G184	Lobster/crab pots	
G186	Industrial scrap	
G187	Drums, e.g. oil	
G190	Paint tins	
G191	Wire, wire mesh, barbed wire	
G198	Other metal pieces < 50 cm	
<i>Please specify the items included in G198</i>		
G199	Other metal pieces > 50 cm	
<i>Please specify the items included in G199</i>		
ID	GLASS	N° units
G200	Bottles incl. pieces	
G202	Light bulbs	
G208	Glass fragments >2.5cm	
G210a	Other glass items	
<i>Please specify the items included in G210a</i>		
ID	CERAMICS	N° units
G204	Construction material (brick, cement, pipes)	
G207	Octopus pots	
G208	Ceramic fragments >2.5cm	
G210b	Other ceramics items	
<i>Please specify the items included in G210b</i>		
ID	SANITARY WASTE	N° units
G95	Cotton bud sticks	
G96	Sanitary towels/panty liners/backing strips	
G97	Toilet fresheners	
G98	Diapers/nappies	

G133	Condoms (incl. packaging)	
G144	Tampons and tampon applicators	
--	Other sanitary waste	
<i>Please specify the other sanitary items</i>		
ID	MEDICAL WASTE	N° units
G99	Syringes/needles	
G100	Medical/Pharmaceuticals containers/tubes	
G211	Other medical items (swabs, bandaging, adhesive plaster etc.)	
<i>Please specify the items included in G211</i>		
ID	FAECES	N° units
G101	Dog faeces bag	
ID	PARAFFIN/WAX PIECES	N° units
G213	Paraffin/Wax	
Presence of industrial pellets?		<input type="checkbox"/> YES
		<input type="checkbox"/> NO
Presence of oil tars?		<input type="checkbox"/> YES
		<input type="checkbox"/> NO
ADDITIONAL COMMENTS:		

Annex III
MEDPOL Working Sheet -- Sea floor Litter

 MEDPOL WORKING SHEET FOR SEAFLOOR MARINE LITTER			
Country :			
Date (dd/mm/yy) :			
Surveyor information : (name, phone, e-mail, etc.)			
Area (EcAp Code) :			
Campaign name :			
Vessel name :			
Haul number :			
Gear (e.g. bottom trawl, etc.) :			
Speed (knot) :			
Opening of the net (m) : (e.g. SCANMAR Trawl Sensor or SIMRAD)			
Cod-end mesh size (mm) :			
Latitude (Start and End) :			
Longitude (Start and End) :			
Depth (Start and End) :			
Haul duration (minutes) :			
Distance covered (km) :			
LITTER_CATEGORY	Number	Weight	OBSERVATIONS
L0 No litter			
L1a. Plastic Bags			
L1b. Plastic Bottles			
L1c. Plastic Food wrappers			
L1d. Plastic sheets			
L1e. Hard plastic objects			
L1f. Fishing nets (polymers)			
L1g. Fishing lines (polymers)			
L1h. Other synthetic fishing related			
L1i. Synthetic ropes/strapping bands			
L1j Others plastic			
L1 TOTAL PLASTIC			
L2a. Tyres			
L2b. Other rubber (gloves, floats, etc.)			
L2 TOTAL RUBBER			
L3a. Beverage cans (metal)			
L3b. Other food cans/wrappers			
L3c. Middle size containers (paint, etc.)			
L3d. Large metallic objects			
L3e. Cables			
L3f. Fishing related (hooks, spears, etc.)			
L3g. remnant from the war			
L3 TOTAL METAL			
L4a. Glass/ceramic Bottles			
L4b. Pieces of glass			
L4c. Ceramic jars			

L4d. Large objects			
L4 TOTAL GLASS/ CERAMIC			
L5a. Clothing (other than polymers)			
L5b. Large pieces (carpets, etc.)			
L5c. Natural fishing ropes			
L5d. Sanitaries (non polymers)			
L5 TOTAL TEXTILS / NATURAL FIBERS			
L6 TOTAL Wood processed			
L7 TOTAL Paper and cardboard			
L8 TOTAL Other			
L9 TOTAL UNSPECIFIED			
TOTAL LITTER			
TOTAL FISHING GEARS (L1 f to i; L3f, L5c)			
START POSITIONS :			
END POSITIONS			