

MEDPOL Phase III data reporting formats for (State and) Trend Monitoring

Table 1
BIOTA (TRACE METALS) DATA REPORTING TABLE for MEDPOL Phase III

	Fields	Requisite	Description	Format	Units
1	SAMPLE_ID	Mandatory	Sample reference code given by the laboratory		
2	YEAR	Mandatory	Monitoring Year	NUM (4)	
3	COUNTRY	Mandatory	Country Code (MED POL Codes)	CHAR (3)	
4	AREA	Mandatory	Area Code (as used in Phase III Agreement)	CHAR (6)	
5	STATION	Mandatory	Station Code (as used in Phase III Agreement)	CHAR (6)	
6	STATION_TYPE	Mandatory	for Hot Spots (H), Coastal (C), Reference (R)	CHAR (2)	
7	SAMP_DATE	Mandatory	Date of Sampling (day/mn/yr)	DATE	
8	LON_DEG	Mandatory	Longitude in degrees	NUM (2)	
9	LON_MIN	Mandatory	Longitude minute, seconds (In case of GPS application use this field for minutes and seconds in decimals, otherwise use only for minutes)	NUM (5,2)	
10	LON_SEC	Mandatory	Longitude seconds (Use this field only when GPS is not used for positioning)	NUM (2)	
11	LON_HEMIS	Mandatory	Longitude hemisphere (codes: W=west, E=east)	CHAR (1)	
12	LAT_DEG	Mandatory	Latitude degree	NUM (2)	
13	LAT_MIN	Mandatory	Latitude minute, seconds (In case of GPS application use this field for minutes and seconds in decimals, otherwise use only for minutes)	NUM (5,2)	
14	LAT_SEC	Mandatory	Latitude seconds (Use this field only when GPS is not used for positioning)	NUM (2)	
15	BOT_DEPTH	Mandatory	Bottom depth of the sampling station	NUM (5,1)	m
16	SAM_DEPTH	Mandatory	Sampling depth	NUM (5,1)	m
17	SAM_TEMP	Mandatory	Temperature at the sampling station and depth	NUM (5,2)	Deg C
18	SAM_SALIN	Mandatory	Salinity at the sampling station and depth	NUM (5,2)	
19	SAM_DO	Additional	Dissolved oxygen at the sampling station and depth	NUM (5,2)	mg/L
20	SPECY	Mandatory	Selected Specie for analysis (MED POL codes)	CHAR (2)	
21	TISSUE	Mandatory	Selected Tissue for analysis (MED POL codes)	CHAR (2)	
22	SAM_NO	Mandatory	Sample no. (1,...n) ("n" as used in trend objectives of the programme)	NUM (2)	
23	NS	Mandatory	Number of specimens	NUM (2)	
24	LENGTH_AVG	Mandatory	Average length of specimens in a pool (Important: Use "fork length" for fish and "shell length" for mussels)	NUM (7,2)	cm
25	LENGTH_STD	Mandatory	Standard deviation of average length of specimens in a pool	NUM (6,2)	cm
26	LENGTH_UNIT	Mandatory	Unit given for length of organisms	CHAR (5)	
27	WEIGHT_AVG	Mandatory	Average weight of specimens in a pool	NUM (8,1)	g
28	WEIGHT_STD	Mandatory	Standard deviation of average weight of specimens in a pool	NUM (7,1)	g
29	WEIGHT_UNIT	Mandatory	Unit given for weight of organisms	CHAR (5)	
30	EOM	Additional	Extractable Organic Matter	NUM (5,2)	mg/g
31	EOM_UNIT		Unit for EOM	CHAR (5)	
32	DW / FW	Additional	Ratio of dry weight to fresh weight (dried to constant temperature)	NUM (5,2)	
33	INST_CODE_TM	Mandatory	Trace Metal Institute code (Country code+institute no. given in the MEDPOL Phase III Agreement)	CHAR(5)	
34	ANALY_DATE_TM	Mandatory	TM Analysis Date (day/mn/yr)	DATE	
35	ANALY_METH_TM	Mandatory	TM Analysis method (MED POL codes)	CHAR (5)	

	Fields	Requisite	Description	Format	Units
36	FW_DW	Mandatory	Mention if concentrations are based on fresh or dry weight (code as "F" for fresh weight and "D" for dry weight)	CHAR (1)	
37	AS_CONC	Additional	Arsenic concentration	NUM (7,3)	µg/kg
38	AS_BDL	Additional	enter BDL if As conc. Is below detection limit or level of determination	CHAR (3)	
39	AS_DL	Additional	Detection limit value	NUM (7,3)	µg/kg
40	AS_UNIT	Additional	Unit for As_conc	CHAR (5)	
41	CD_CONC	Mandatory	Cadmium Concentration	NUM (7,3)	µg/kg
42	CD_BDL	Mandatory	Enter BDL if Cd conc. is below detection limit or level of determination	CHAR (3)	
43	CD_DL	Mandatory	Detection limit value	NUM (7,3)	µg/kg
44	CD_UNIT	Mandatory	Unit for Cd_conc	CHAR (5)	
45	CR_CONC	Additional	Chromium Concentration	NUM (7,3)	µg/kg
46	CR_BDL	Additional	enter BDL if Cr conc. Is below detection limit or level of determination	CHAR (3)	
47	CR_DL	Additional	Detection limit value	NUM (7,3)	µg/kg
48	CR_UNIT	Additional	Unit for Cr_conc	CHAR (5)	
49	CU_CONC	Additional	Copper concentration	NUM (7,3)	µg/kg
50	CU_BDL	Additional	Enter BDL if Cu conc. Is below the detection limit or level of determination	CHAR (3)	
51	CU_DL	Additional	Detection limit value	NUM (7,3)	µg/kg
52	CU_UNIT	Additional	Unit for Cu_conc	CHAR (5)	
53	HGT_CONC	Mandatory	Total Hg concentration	NUM (7,3)	µg/kg
54	HGT_BDL	Mandatory	enter BDL if HgT conc. is below detection limit or level of determination	CHAR (3)	
55	HGT_DL	Mandatory	Detection limit value	NUM (7,3)	µg/kg
56	HGT_UNIT	Mandatory	Unit for Hgt_conc	CHAR (5)	
57	PB_CONC	Additional	Lead Concentration	NUM (7,3)	µg/kg
58	PB_BDL	Additional	enter BDL if Pb conc. Is below detection limit or level of determination	CHAR (2)	
59	PB_DL	Additional	Detection limit value	NUM (7,3)	µg/kg
60	PB_UNIT	Additional	Unit for Pb_conc	CHAR (5)	
61	ZN_CONC	Additional	Zinc concentration	NUM (7,3)	µg/kg
62	ZN_BDL	Additional	Enter BDL if Zn conc. Is below the detection limit or level of determination	CHAR (3)	
63	ZN_DL	Additional	Detection limit value	NUM (7,3)	µg/kg
64	ZN_UNIT	Additional	Unit for Zn_conc	CHAR (5)	
	Other Trace Metals	Additional	to be included by the laboratories depending on the country agreements		

Table 2
BIOTA (ORGANIC CONTAMINANTS) DATA REPORTING TABLE for MEDPOL Phase III

	Fields	Requisit	Description	Format	Unit
1	SAMPLE_ID	Mandatory	Sample reference code given by the laboratory		
2	YEAR	Mandatory	Monitoring Year	NUM (4)	
3	COUNTRY	Mandatory	Country Code (MED POL Codes)	CHAR (3)	
4	AREA	Mandatory	Area Code (as used in Phase III Agreement)	CHAR (6)	
5	STATION	Mandatory	Station Code (as used in Phase III Agreement)	CHAR (6)	
6	STATION_TYPE	Mandatory	for Hot Spots (H), Coastal (C), Reference (R)	CHAR (2)	
7	SAMP_DATE	Mandatory	Date of Sampling (day/mn/yr)	DATE	
8	LON_DEG	Mandatory	Longitude in degrees	NUM (2)	
9	LON_MIN	Mandatory	Longitude minute, seconds (In case of GPS application use this field for minutes and seconds in decimals, otherwise use only for minutes)	NUM (5,2)	
10	LON_SEC	Mandatory	Longitude seconds (Use this field only when GPS is not used for positioning)	NUM (2)	
11	LON_HEMIS	Mandatory	Longitude hemisphere (codes: W=west, E=east)	CHAR (1)	
12	LAT_DEG	Mandatory	Latitude degree	NUM (2)	
13	LAT_MIN	Mandatory	Latitude minute, seconds (In case of GPS application use this field for minutes and seconds in decimals, otherwise use only for minutes)	NUM (5,2)	
14	LAT_SEC	Mandatory	Latitude seconds (Use this field only when GPS is not used for positioning)	NUM (2)	
15	BOT_DEPTH	Mandatory	Bottom depth of the sampling station	NUM (5,1)	m
16	SAM_DEPTH	Mandatory	Sampling depth	NUM (5,1)	m
17	SAM_TEMP	Mandatory	Temperature at the sampling station and depth	NUM (5,2)	Deg C
18	SAM_SALIN	Mandatory	Salinity at the sampling station and depth	NUM (5,2)	
19	SAM_DO	Additional	Dissolved oxygen at the sampling station and depth	NUM (5,2)	mg/L
20	SPECY	Mandatory	Selected Specie for analysis (MED POL codes)	CHAR (2)	
21	TISSUE	Mandatory	Selected Tissue for analysis (MED POL codes)	CHAR (2)	
22	SAM_NO	Mandatory	Sample no. (1,...n) ("n"as used in trend objectives of the programme)	NUM (2)	
23	NS	Mandatory	Number of specimens (=num.Of pooled organisms in a sample)	NUM (2)	
24	LENGTH_AVG	Mandatory	Average length of specimens in a pool (Important: Use "fork length" for fish and "shell length" for mussels)	NUM (7,2)	cm
25	LENGTH_STD	Mandatory	Standard deviation of average length of specimens in a pool	NUM (6,2)	cm
26	LENGTH_UNIT	Mandatory	Unit given for length of organisms	CHAR (5)	
27	WEIGHT_AVG	Mandatory	Average weight of specimens in a pool	NUM (8,1)	g
28	WEIGHT_STD	Mandatory	Standard deviation of average weight of specimens in a pool	NUM (7,1)	g
29	WEIGHT_UNIT	Mandatory	Unit given for weight of organisms	CHAR (5)	
30	EOM	Mandatory	Extractable Organic Matter	NUM (5,2)	mg/g
31	EOM_UNIT	Mandatory	Unit for EOM	CHAR (5)	
32	DW / FW	Mandatory	Ratio of dry weight to fresh weight (dried to constant temperature)	NUM (5,2)	
33	INST_CODE_OC	Mandatory	Institute code for organic contaminant analysis (Country code+institute no. given in the MEDPOL Phase III Agreement)	CHAR(5)	
34	FW_DW	Mandatory	Mention if concentrations are based on fresh or dry weight (code as "F" for fresh weight and "D" for dry weight)	CHAR (1)	
35	ANALY_DATE_PAH	Additional	Analysis Date (day/mn/yr)	DATE	
36	ANALY_METH_PAH	Additional	Analysis method(s) for PAH (MED POL codes)	CHAR (5)	
37	PAH_CONC	Additional	PAH+ concentration	NUM (7,3)	µg/g
38	PAH_BDL	Additional	enter BDL if PAH conc. is below detection limit or level of determination	CHAR (3)	
39	PAH_DL	Additional	Detection limit value	NUM (7,3)	µg/kg

	Fields	Requisit	Description	Format	Unit
40	PAH_UNIT	Additional	Unit for PAH_conc	CHAR (5)	
41	ANALY_DATE_HH	Additional	Analysis Date (day/mn/yr)	DATE	
42	ANALY_METH_HH	Additional	Analysis method(s) for halogenated hydrocarbons (MED POL codes)	CHAR (5)	
43	HH_CONC	Additional	HH+ concentration	NUM (7,3)	µg/g
44	HH_BDL	Additional	enter BDL if HH+ conc. is below detection limit or level of determination	CHAR (3)	
45	HH_DL	Additional	Detection limit value	NUM (7,3)	µg/g
46	HH_UNIT	Additional	Unit for HH_conc	CHAR (5)	
	Other Organics	Additional	to be included by the laboratories depending on the country agreements		

Table 3
BIO-MONITORING DATA REPORTING TABLE for MED POL PHASE III

	Fields	Description	Format	Units
1	SAMPLE_ID	Sample reference code given by the laboratory		
2	YEAR	Monitoring Year	NUM (4)	
3	COUNTRY	Country Code (existing coding)	CHAR (3)	
4	AREA	Area Code (as used in Phase III Agreement)	CHAR (6)	
5	STATION	Station Code (as used in Phase III Agreement)	CHAR (6)	
6	STATION_TYPE	for Hot Spots (H), Coastal (C), Reference (R)	CHAR (2)	
7	SAMP_DATE	Date of Sampling (day/mn/yr)	DATE	
8	LON_DEG	Longitude in degrees	NUM (2)	
9	LON_MIN	Longitude minute, seconds (In case of GPS application use this field for minutes and seconds in decimals, otherwise use only for minutes)	NUM (5,2)	
10	LON_SEC	Longitude seconds (Use this field only when GPS is not used for positioning)	NUM (2)	
11	LON_HEMIS	Longitude hemisphere (codes: W=west, E=east)	CHAR (1)	
12	LAT_DEG	Latitude degree	NUM (2)	
13	LAT_MIN	Latitude minute, seconds (In case of GPS application use this field for minutes and seconds in decimals, otherwise use only for minutes)	NUM (5,2)	
14	LAT_SEC	Latitude seconds (Use this field only when GPS is not used for positioning)	NUM (2)	
15	BOT_DEPTH	Bottom depth of the sampling station	NUM (5,1)	m
16	SAMP_DEPTH	Sampling depth	NUM (5,1)	m
17	SAM_TEMP	Temperature at the sampling station and depth	NUM (5,2)	Deg C
18	SAM_SALIN	Salinity at the sampling station and depth	NUM (5,2)	
19	SAM_DO	Dissolved oxygen at the sampling station and depth	NUM (5,2)	mg/L
20	SPECY	Species Name (MEDPOL code list)	CHAR (2)	
21	TISSUE	Selected Tissue (MEDPOL code list)	CHAR (2)	
22	WILD/CAGED	If the selected organism is wild enter 'w', if caged use 'c'	CHAR (1)	
23	CAGE_DUR	Caging duration	NUM (2)	Days
24	INS_CODE_BIOMON	Institute Code for bio-monitoring (Country code+institute no. given in the MEDPOL Phase III Agreement)	CHAR (5)	
25	SAMPLE_NO	Sample no. (1,...)	NUM (2)	
26	ANALY_DATE_DNAX	Analysis Date (day/mn/yr)	DATE	
27	ANALY_METH_DNAX	DNAX Analysis Methods (MEDPOL Code list)	CHAR (7)	
28	DNAX_ELUTION RATE_VOL	Fraction of DNA retained / volume	NUM (5,3)	Arbitrary units
29	DNAX_ELUTION RATE_TIME	Fraction of DNA retained / time	NUM (5,3)	Arbitrary units
30	DNAX_SSF	Strand Scission Factor	NUM (5,3)	unitless
31	DNAX_MICRONUCLEI	Micronuclei Frequency	NUM (5,1)	%
32	ANALY_DATE_EROD	Analysis Date (day/mn/yr)	DATE	
33	ANALY_METH_EROD	EROD Analysis Method (MEDPOL code list)	CHAR (7)	
34	EROD_ACT	EROD Activity = pmol resofurin per mg-protein per minute	NUM ()	
35	ANALY_DATE_LMS	Analysis Date (day/mn/yr)	DATE	

	Fields	Description	Format	Units
36	ANALY_METH_LMS	Methods of LMS Analysis (MEDPOL code list)	CHAR (7)	
37	LMS_LP	The average Labilization Period	NUM (2)	min
38	LMS_NRR	Neutral Red Retention	NUM (2)	min
39	ANALY_DATE_MT	Analysis Date (day/mn/yr)	DATE	
40	ANALY_METH_MT	MT Analysis Method (MEDPOL code list)	CHAR (7)	
41	MT_LEVEL	MT Level in wet Tissue (w/w)	NUM (7,2)	µg/g

Table 4
SEDIMENT (TRACE METALS) DATA REPORTING TABLE FOR MED POL PHASE III

	Fields	Requisite	Description	Format	Unit
1	SAMPLE_ID	Mandatory	Sample reference code given by the laboratory		
2	YEAR	Mandatory	Monitoring Year	NUM (4)	
3	COUNTRY	Mandatory	Country Code (MED POL codes)	CHAR (3)	
4	AREA	Mandatory	Area Code (as used in Phase III Agreement)	CHAR (6)	
5	STATION	Mandatory	Station Code (as used in Phase III Agreement)	CHAR (6)	
6	STATION_TYPE	Mandatory	for Hot Spots (H), Coastal (C), Reference (R)	CHAR (2)	
7	SAMP_NO	Mandatory	Sample no.(1,...) (as used in trend objectives of the programme)	NUM (2)	
8	SAMP_DATE	Mandatory	Date of Sampling (day/mn/yr)	DATE	
9	LON_DEG	Mandatory	Longitude in degrees	NUM (2)	
10	LON_MIN	Mandatory	Longitude minute, seconds (In case of GPS application use this field for minutes and seconds in decimals, otherwise use only for minutes)	NUM (5,2)	
11	LON_SEC	Mandatory	Longitude seconds (Use this field only when GPS is not used for positioning)	NUM (2)	
12	LON_HEMIS	Mandatory	Longitude hemisphere (codes: W=west, E=east)	CHAR (1)	
13	LAT_DEG	Mandatory	Latitude degree	NUM (2)	
14	LAT_MIN	Mandatory	Latitude minute, seconds (In case of GPS application use this field for minutes and seconds in decimals, otherwise use only for minutes)	NUM (5,2)	
15	LAT_SEC	Mandatory	Latitude seconds (Use this field only when GPS is not used for positioning)	NUM (2)	
16	BOT_DEPTH	Mandatory	Bottom depth of the sampling station	NUM (5,1)	m
17	BOT_TEMP	Mandatory	Temperature value at the bottom of the sediment sampling station	NUM (5,2)	Deg C
18	BOT_SALIN	Mandatory	Salinity value at the bottom of the sediment sampling station	NUM (5,2)	
19	BOT_DO	Additional	Dissolved Oxygen value at the bottom of the sampling station	NUM (5,2)	mg/L
20	SAMP_LAYER	Mandatory	Sampling layer to be provided (e.g. 0-2 cm, 1 cm etc.)		cm
21	SAMP_FRAC	Mandatory	Sample size fraction to be provided (e.g. >60 µm etc.)		µm
22	DW / WW	Additional	Ratio of dry weight to wet weight (dried to constant temperature)	NUM (5,2)	
23	INST_CODE_TM	Mandatory	Trace Metal Institute code (Country code+institute no. given in the MEDPOL Phase III Agreement)	CHAR(5)	
24	ANALY_DATE_TM	Mandatory	TM Analysis Date (day/mn/yr)	DATE	
25	ANALY_METH_TM	Mandatory	TM Analysis method (MED POL codes)	CHAR (5)	
26	WW_DW	Mandatory	Mention if concentrations are based on wet or dry weight (code as "W" for wet weight and "D" for dry weight)	CHAR (1)	
27	AS_CONC	Additional	Arsenic concentration	NUM (7,3)	µg/kg
28	AS_BDL	Additional	enter BDL if As conc. is below detection limit or level of determination	CHAR (2)	
29	AS_DL	Additional	Detection limit value	NUM (7,3)	µg/kg
30	AS_UNIT	Additional	Unit for As_conc	CHAR (5)	
31	CD_CONC	Mandatory	Cadmium concentration	NUM (7,3)	µg/kg
32	CD_BDL	Mandatory	enter BDL if Cd conc. is below detection limit or level of determination	CHAR (2)	
33	CD_DL	Mandatory	Detection limit value	NUM (7,3)	µg/kg
34	CD_UNIT	Additional	Unit for Cd_conc	CHAR (5)	
35	CR_CONC	Additional	Chromium Concentration	NUM (7,3)	µg/kg
36	CR_BDL	Additional	enter BDL if Cr conc. is below detection limit or level of determination	CHAR (2)	

	Fields	Requisite	Description	Format	Unit
37	CR_DL	Additional	Detection limit value	NUM (7,3)	µg/kg
38	CR_UNIT	Additional	Unit for Cr_conc	CHAR (5)	
39	CU_CONC	Additional	Copper concentration	NUM (7,3)	µg/kg
40	CU_BDL	Additional	Enter BDL if Cu conc. Is below the detection limit or level of determination	CHAR (2)	
41	CU_DL	Additional	Detection limit value	NUM (7,3)	µg/kg
42	CU_UNIT	Additional	Unit for Cu_conc	CHAR (5)	
43	HGT_CONC	Mandatory	Total Hg concentration	NUM (7,3)	µg/kg
44	HGT_BDL	Mandatory	enter BDL if HgT conc. is below detection limit or level of determination	CHAR (2)	
45	HGT_DL	Mandatory	Detection limit value	NUM (7,3)	µg/kg
46	HGT_UNIT	Additional	Unit for HgT_conc	CHAR (5)	
47	PB_CONC	Additional	Lead Concentration	NUM (7,3)	µg/kg
48	PB_BDL	Additional	enter BDL if Pb conc. Is below detection limit or level of determination	CHAR (2)	
49	PB_DL	Additional	Detection limit value	NUM (7,3)	µg/kg
50	PB_UNIT	Additional	Unit for Pb_conc	CHAR (5)	
51	ZN_CONC	Additional	Zinc concentration	NUM (7,3)	µg/kg
52	ZN_BDL	Additional	Enter BDL if Zn conc. Is below the detection limit or level of determination	CHAR (2)	
53	ZN_DL	Additional	Detection limit value	NUM (7,3)	µg/kg
54	ZN_UNIT	Additional	Unit for Zn_conc	CHAR (5)	
	Other Trace Metals	Additional	to be included by the countries depending on their parameter settings		

Table 5
SEDIMENT (ORGANIC CONTAMINANTS) DATA REPORTING TABLE for MED POL
PHASE III

	Fields	Requisit	Description	Format	Unit
1	SAMPLE_ID	Mandatory	Sample reference code given by the laboratory		
2	YEAR	Mandatory	Monitoring Year	NUM (4)	
3	COUNTRY	Mandatory	Country Code (MED POL codes)	CHAR (3)	
4	AREA	Mandatory	Area Code (as used in Phase III Agreement)	CHAR (6)	
5	STATION	Mandatory	Station Code (as used in Phase III Agreement)	CHAR (6)	
6	STATION_TYPE	Mandatory	for Hot Spots (H), Coastal (C), Reference (R)	CHAR (2)	
7	SAMP_NO	Mandatory	Sample no.(1,...) (as used in trend objectives of the programme)	NUM (2)	
8	SAMP_DATE	Mandatory	Date of Sampling (day/mn/yr)	DATE	
9	LON_DEG	Mandatory	Longitude in degrees	NUM (2)	
10	LON_MIN	Mandatory	Longitude minute, seconds (In case of GPS application use this field for minutes and seconds in decimals, otherwise use only for minutes)	NUM (5,2)	
11	LON_SEC	Mandatory	Longitude seconds (Use this field only when GPS is not used for positioning)	NUM (2)	
12	LON_HEMIS	Mandatory	Longitude hemisphere (codes: W=west, E=east)	CHAR (1)	
13	LAT_DEG	Mandatory	Latitude degree	NUM (2)	
14	LAT_MIN	Mandatory	Latitude minute, seconds (In case of GPS application use this field for minutes and seconds in decimals, otherwise use only for minutes)	NUM (5,2)	
15	LAT_SEC	Mandatory	Latitude seconds (Use this field only when GPS is not used for positioning)	NUM (2)	
16	BOT_DEPTH	Mandatory	Bottom depth of the sampling station	NUM (5,1)	m
17	BOT_TEMP	Mandatory	Temperature value at the bottom of the sediment sampling station	NUM (5,2)	Deg C
18	BOT_SALIN	Mandatory	Salinity value at the bottom of the sediment sampling station	NUM (5,2)	
19	BOT_DO	Additional	Dissolved Oxygen value at the bottom of the sampling station	NUM (5,2)	mg/L
20	SAMP_LAYER	Mandatory	Sampling layer to be provided (e.g. 0-2 cm, 1 cm etc.)		cm
21	SAMP_FRAC	Mandatory	Sample size fraction to be provided (e.g. >60 µm etc.)		µm
22	DW / WW	Additional	Ratio of dry weight to wet weight (dried to constant temperature)	NUM (5,2)	
23	INST_CODE_OC	Mandatory	Institute code for organic contaminant analysis (Country code+institute no. given in the MEDPOL Phase III Agreement)	CHAR(5)	
24	WW_DW	Mandatory	Mention if concentrations are based on wet or dry weight (code as "W" for wet weight and "D" for dry weight)	CHAR (1)	
25	ANALY_DATE_PAH	Additional	PAH+ Analysis Date (day/mn/yr)	DATE	
26	ANALY_METH_PAH	Additional	PAH+ Analysis method (MED POL codes)	CHAR (5)	
27	PAH_CONC	Additional	PAH+ concentration	NUM (7,3)	µg/g
28	PAH_BDL	Additional	enter BDL if PAH+ conc. is below detection limit or level of determination	CHAR (2)	
29	PAH_DL	Additional	Detection limit value	NUM (7,3)	µg/kg
30	PAH_UNIT	Additional	Unit for PAH_conc	CHAR (5)	
31	ANALY_DATE_HH	Additional	HH+ Analysis Date (day/mn/yr)	DATE	
32	ANALY_METH_HH	Additional	HH+ Analysis method (MED POL codes)	CHAR (5)	
33	HH_CONC	Additional	HH+ concentration	NUM (7,3)	µg/g

	Fields	Requisit	Description	Format	Unit
34	HH_BDL	Additional	Enter BDL if HH+ conc. is below detection limit or level of determination	CHAR (2)	
35	HH_DL	Additional	Detection limit value	NUM (7,3)	µg/g
36	HH_UNIT	Additional	Unit for HH_conc	CHAR (5)	
	Other Organics	Additional	to be included by the countries depending on their parameter settings		

Table 6
LOADS (point sources of pollution) DATA REPORTING TABLE for MED POL PHASE III

	Fields	Requisite	Description	Format	Units
1	SAMPLE_ID	Mandatory	Sample reference code given by the laboratory		
2	YEAR	Mandatory	Monitoring Year	NUM (4)	
3	COUNTRY	Mandatory	Country Code	CHAR (3)	
4	AREA	Mandatory	Area Code (as used in Phase III Agreement)	CHAR (6)	
5	STATION	Mandatory	Station Code (as used in Phase III Agreement)	CHAR (6)	
6	STATION_TYPE	Mandatory	Station Type (EFF=Effluent, OUT=Outfall, RIV=River)	CHAR (3)	
7	SOURCE_TYPE	Mandatory	Effluent Source (MIX=Mixed, IND=Industrial, MUN=Municipal, AGR=Agricultural)	CHAR (3)	
8	SAMP_DATE	Mandatory	Date of Sampling (day/mn/yr)	DATE	
9	SAMP_TIME	Mandatory	Sampling Time	TIME	
10	LON_DEG		Longitude in degrees	NUM (2)	
11	LON_MIN		Longitude minute	NUM (5,2)	
12	LON_SEC		Longitude seconds	NUM (2)	
13	LON_HEMIS		Longitude hemisphere (codes: W=west, E=east)	CHAR(1)	
14	LAT_DEG		Latitude degree	NUM (2)	
15	LAT_MIN		Latitude minute	NUM (5,2)	
16	LAT_SEC		Latitude seconds	NUM (2)	
17	SAMP_DEPTH		Sampling depth	NUM (5,1)	m
18	SAMP_TEMP		Water temperature at the sampling point	NUM (4,1)	°C
19	SAMP_DO		Dissolved Oxygen concentration at the sampling point	NUM (5,2)	mg/L
20	SAMP_PH		PH value at the sampling point	NUM (5,2)	
21	DISCHARGE_MIN	Mandatory	Minimum discharge value in the sampling year	NUM ()	m3/day
22	DISCHARGE_AVE	Mandatory	Average discharge value in the sampling year	NUM ()	m3/day
23	DISCHARGE_MAX	Mandatory	Maximum discharge value in the sampling year	NUM ()	m3/day
24	DISCHARGE_UNIT	Mandatory	Unit for discharge values	CHAR (5)	
25	INST_CODE_TM	Mandatory	Trace Metal Institute code (Country code+institute no. given in the MEDPOL Phase III Agreement)	CHAR(5)	
26	ANALY_DATE_TM	Mandatory	TM Analysis Date (day/mn/yr)	DATE	
27	ANALY_METH_TM	Mandatory	TM Analysis method	CHAR (5)	
28	CD_CONC	Mandatory	Total Cadmium concentration	NUM (7,3)	µg/L
29	CD_BDL	Mandatory	Enter ' BDL ' if Cd concentration is below the detection limit or level of determination		
30	CD_DL	Mandatory	Detection limit value	NUM (7,3)	µg/kg
31	CD_UNIT	Mandatory	Unit for the Cd_conc	CHAR (5)	
32	CR_CONC	Additional	Total Chromium concentration	NUM (7,3)	µg/L
33	CR_BDL		Enter ' BDL ' if Cr concentration is below the detection limit or level of determination		
34	CR_DL	Additional	Detection limit value	NUM (7,3)	µg/kg
35	CR_UNIT	Additional	Unit for Cr_conc	CHAR (5)	
36	CU_CONC	Additional	Total Copper concentration	NUM (7,3)	µg/L
37	CU_BDL		Enter ' BDL ' if Cu concentration is below the detection limit or level of determination		
38	CU_DL	Additional	Detection limit value	NUM (7,3)	µg/kg
39	CU_UNIT	Additional	Unit for Cu_conc	CHAR (5)	

	Fields	Requisite	Description	Format	Units
40	HG_CONC	Mandatory	Total mercury concentration	NUM (7,3)	µg/L
41	HG_BDL	Mandatory	Enter ' BDL ' if Hg concentration is below the detection limit or level of determination		
42	HG_DL	Mandatory	Detection limit value	NUM (7,3)	µg/kg
43	HG_UNIT	Mandatory	Unit for HgT_conc	CHAR (5)	
44	NI_CONC	Additional	Total Nickel concentration	NUM (7,3)	µg/L
45	NI_BDL		Enter ' BDL ' if Ni concentration is below the detection limit or level of determination		
46	NI_DL	Additional	Detection limit value	NUM (7,3)	µg/kg
47	NI_UNIT	Additional	Unit for Ni_conc	CHAR (5)	
48	PB_CONC	Additional	Total Lead concentration	NUM (7,3)	µg/L
49	PB_BDL		Enter ' BDL ' if Pb concentration is below the detection limit or level of determination		
50	PB_DL	Additional	Detection limit value	NUM (7,3)	µg/kg
51	PB_UNIT	Additional	Unit for Pb_conc	CHAR (5)	
52	ZN_CONC	Additional	Total Zinc concentration	NUM (7,3)	µg/L
53	ZN_BDL		Enter ' BDL ' if Zn concentration is below the detection limit or level of determination		
54	ZN_DL	Additional	Detection limit value	NUM (7,3)	µg/kg
55	ZN_UNIT	Additional	Unit for Zn_conc	CHAR (5)	
56	INST_CODE_OC	Additional	Organic Contaminant Institute code (Country code+institute no. given in the MEDPOL Phase III Agreement)	CHAR (5)	
57	ANALY_DATE_HH	Additional	HH+ Analysis Date (day/mn/yr)	DATE	
58	ANALY_METH_HH	Additional	HH+ Analysis method (MED POL codes)	CHAR (5)	
59	HH_CONC	Additional	HH+ concentration	NUM (7,3)	µg/L
60	HH_BDL		Enter ' BDL ' if HH concentration is below the detection limit or level of determination		
61	HH_DL	Additional	Detection limit value	NUM (7,3)	µg/kg
62	HH_UNIT	Additional	Unit for HH_conc	CHAR (5)	
63	ANALY_DATE_PAH	Additional	PAH+ Analysis Date (day/mn/yr)	DATE	
64	ANALY_METH_PAH	Additional	PAH+ Analysis method (MED POL codes)	CHAR (5)	
65	PAH_CONC	Additional	PAH+ concentration	NUM (7,3)	µg/L
66	PAH_BDL		Enter ' BDL ' if PAH concentration is below the detection limit or level of determination		
67	PAH_DL	Additional	Detection limit value	NUM (7,3)	µg/kg
68	PAH_UNIT	Additional	Unit for PAH_conc	CHAR (5)	
	Other organics	Additional	DET, PHE etc. pls. Specify yours in the .XLS reporting tables		
69	INST_CODE_LOAD	Additional	Institute code for analysis of nutrients, TSS, COD, BOD etc. (Country code+institute no. given in the MEDPOL Phase III Agreement)	CHAR (5)	
70	PO4-P_CONC	Optional	PO4-P concentration	NUM (7,3)	mg/L
71	PO4-P_UNIT		Unit for PO4-P_conc	CHAR (5)	
72	TP_CONC	Additional	Total Phosphorus concentration	NUM (7,3)	mg/L
73	TP_UNIT		Unit for TP_conc	CHAR (5)	
74	NH3-N_CONC	Optional	NH3-N concentration	NUM (7,4)	mg/L
75	NH3-N_UNIT		Unit for NH3-N_conc	CHAR (5)	

	Fields	Requisite	Description	Format	Units
76	NH4-N_CONC	Optional	NH4-N concentration	NUM (7,4)	mg/L
77	NH4-N_UNIT		Unit for NH4-N_conc		
78	NO2-N_CONC	Optional	NO2-N concentration	NUM (7,4)	mg/L
79	NO2-N_UNIT		Unit for NO2-N_conc		
80	NO3-N_CONC	Optional	NO3-N concentration	NUM (7,4)	mg/L
81	NO3-N_UNIT		Unit for NO3-N_conc		
82	TN_CONC	Additional	Total Nitrogen concentration	NUM (7,2)	mg/L
83	TN_UNIT		Unit for TN_conc		
84	SIO4_CONC	Additional	Silicic acid concentration	NUM (7,2)	mg/L
85	SIO4_UNIT		Unit for SIO4_conc		
86	TSS_CONC	Additional	Total Suspended Sediment concentration	NUM(7,2)	mg/L
87	TSS_UNIT		Unit for TSS_conc		
88	BOD_CONC	Additional	Biochemical Oxygen Demand (5 day)	NUM(7,2)	mg/L
89	BOD_UNIT		Unit for BOD5		
90	COD_CONC	Additional	Chemical Oxygen Demand	NUM(7,2)	mg/L
91	COD_UNIT		COD_conc		
92	FC	Additional	Number of Fecal Coliforms		no/ 100 ml
93	FC_UNIT		Unit for FC		

Table 7
SEA WATER DATA REPORTING TABLE for MED POL PHASE III

	Fields	Requisite	Description	Format	Units
1	SAMPLE_ID	Additional	Sample reference code given by the laboratory		
2	YEAR	Additional	Monitoring Year	NUM (4)	
3	COUNTRY	Additional	Country Code (MED POL codes)	CHAR (3)	
4	AREA	Additional	Area Code (as used in Phase III Agreement)	CHAR (6)	
5	STATION	Additional	Station Code (as used in Phase III Agreement)	CHAR (6)	
6	STATION_TYPE	Additional	for Hot Spots (H), Coastal (C), Reference (R)	CHAR (2)	
7	SAMP_DATE	Additional	Date of Sampling (day/mn/yr)	DATE	
8	SAMP_TIME	Additional	Sampling Time	TIME	
9	LON_DEG	Additional	Longitude in degrees	NUM (2)	
10	LON_MIN	Additional	Longitude minute, seconds (In case of GPS application use this field for minutes and seconds in decimals, otherwise use only for minutes)	NUM (5,2)	
11	LON_SEC	Additional	Longitude seconds (Use this field only when GPS is not used for positioning)	NUM (2)	
12	LON_HEMIS	Additional	Longitude hemisphere (codes: W=west, E=east)	CHAR(2)	
13	LAT_DEG	Additional	Latitude degree	NUM (2)	
14	LAT_MIN	Additional	Latitude minute, seconds (In case of GPS application use this field for minutes and seconds in decimals, otherwise use only for minutes)	NUM (5,2)	
15	LAT_SEC	Additional	Latitude seconds (Use this field only when GPS is not used for positioning)	NUM (2)	
16	BOT_DEPTH	Additional	Bottom depth of the sampling station	NUM (5,1)	m
17	SAMP_DEPTH	Additional	Sampling depth	NUM (5,1)	m
18	SAM_TEMP	Additional	Temperature at the sampling depth	NUM (5,2)	Deg C
19	SAM_SALIN	Additional	Salinity at the sampling depth	NUM (5,2)	
20	SAM_DO	Additional	Dissolved oxygen at the sampling depth	NUM (5,2)	mg/L
21	INST_CODE_SW	Additional	Institute code for analysis of nutrients, chlorophyll-a, TRIX etc (Country code+institute no. given in the MEDPOL Phase III Agreement)	CHAR (5)	
22	PO4-P_CONC	Additional	PO4-P concentration	NUM (6,2)	µmol/L
23	PO4-P_BDL	Additional	Enter BDL if PO4-P conc. is below detection limit or level of determination	CHAR (2)	
24	PO4-P_DL	Additional	Detection limit value	NUM (6,2)	µmol/L
25	PO4-P_UNIT		Unit for PO4-P_conc	CHAR (6)	
26	TP_CONC	Additional	Total Phosphorus concentration	NUM (6,2)	µmol/L
27	TP_BDL	Additional	Enter BDL if TP conc. is below detection limit or level of determination	CHAR (2)	
28	TP_DL	Additional	Detection limit value	NUM (6,2)	µmol/L
29	TP_UNIT		Unit for TP_conc	CHAR (6)	
30	NH4-N_CONC	Additional	NH4-N concentration	NUM (6,2)	µmol/L
31	NH4-N_BDL	Additional	Enter BDL if NH4-N conc. is below detection limit or level of determination	CHAR (2)	
32	NH4-N_DL	Additional	Detection limit value	NUM (6,2)	µmol/L
33	NH4-N_UNIT		Unit for NH4-N_conc	CHAR (6)	
34	NO2-N_CONC	Additional	NO2-N concentration	NUM (6,2)	µmol/L
35	NO2-N_BDL	Additional	Enter BDL if NO2-N conc. is below detection limit or level of determination	CHAR (2)	

	Fields	Requisite	Description	Format	Units
36	NO2-N_DL	Additional	Detection limit value	NUM (6,2)	μmol/L
37	NO2-N_UNIT		Unit for NO2-N_conc	CHAR (6)	
38	NO3-N_CONC	Additional	NO3-N concentration	NUM (6,2)	μmol/L
39	NO3-N_BDL	Additional	Enter BDL if NO3-N conc. is below detection limit or level of determination	CHAR (2)	
40	NO3-N_DL	Additional	Detection limit value	NUM (6,2)	μmol/L
41	NO3-N_UNIT		Unit for NO3-N_conc	CHAR (6)	
42	NO3-2-N_CONC	Additional	NO3+NO2-N concentration	NUM (6,2)	μmol/L
43	NO3-2-N_BDL	Additional	Enter BDL if NO3-2-N conc. is below detection limit or level of determination	CHAR (2)	
44	NO3-2-N_DL	Additional	Detection limit value	NUM (6,2)	μmol/L
45	NO3-2-N_UNIT		Unit for NO3-N_conc	CHAR (6)	
46	TN_CONC	Additional	Total Nitrogen concentration	NUM (6,2)	μmol/L
47	TN_BDL	Additional	Enter BDL if TN conc. is below detection limit or level of determination	NUM (6,2)	μmol/L
48	TN_DL	Additional	Detection limit value	NUM (6,2)	μmol/L
49	TN_UNIT		Unit for TN_conc	CHAR (6)	
50	SIO4_CONC	Additional	Silicic acid concentration	NUM (6,2)	μmol/L
51	SIO4_BDL	Additional	Enter BDL if SIO4 conc. is below detection limit or level of determination	NUM (6,2)	μmol/L
52	SIO4_DL	Additional	Detection limit value	NUM (6,2)	μmol/L
53	SIO4_UNIT		Unit for SIO4_conc	CHAR (6)	
54	CHL-A_CONC	Additional	Chlorophyll-a concentration	NUM (6,2)	μg/L
55	CHL-A_UNIT		Unit for Chl-a_conc	CHAR (6)	
56	TRIX	Additional	Trophic Index	NUM (5,2)	
	Others		Other parameters could be included depending on the country agreements.		

Table 8
ATMOSPHERIC DRY DEPOSITION DATA REPORTING TABLE for MED POL (III)

	Fields	Requisite	Description	Format	Units
1	SAMPLE_ID	Mandatory	Sample reference code given by the laboratory		
2	YEAR	Mandatory	Monitoring Year	NUM (4)	
3	COUNTRY	Mandatory	Country Code (MED POL codes)	CHAR (3)	
4	AREA	Mandatory	Area Code (as used in Phase III Agreement)	CHAR (6)	
5	STATION	Mandatory	Station Code (as used in Phase III Agreement)	CHAR (6)	
6	STATION_ID	Mandatory	Station identity ('R' for reference and 'I' for Impact=hot spot)	CHAR (1)	
7	HEIGHT	Mandatory	Height of station from the ground	NUM (5,1)	m
8	ALTITUDE	Mandatory	Altitude/Elevation of st. ground level above sea level	NUM (6,1)	m
9	DISTANCE_SHORE	Mandatory	Distance of atmospheric station to shore	NUM (7,1)	m
10	METEO_DIST	Mandatory	Distance to nearest meteorological station	NUM (7,1)	m
11	LAT_DEG	Mandatory	Latitude degree	NUM (2)	
12	LAT_MIN	Mandatory	Latitude minute	NUM (5,2)	
13	LAT_SEC	Mandatory	Latitude seconds	NUM (2)	
14	LON_DEG	Mandatory	Longitude in degrees	NUM (2)	
15	LON_MIN	Mandatory	Longitude minute	NUM (5,2)	
16	LON_SEC	Mandatory	Longitude seconds	NUM (2)	
17	SAMP_START_DATE	Mandatory	Start Date of Sampling (day/mn/yr)	DATE	
18	SAMP_START_HOUR	Mandatory	Start Hour of Sampling	NUM (2)	
19	SAMP_END_DATE	Mandatory	End Date of Sampling (day/mn/yr)	DATE	
20	SAMP_END_HOUR	Mandatory	End Hour of Sampling	NUM (2)	
21	SAMP_TIME-TOT	Mandatory	Total Sampling Hours	NUM (2)	
22	AIR_VOLUME	Mandatory	Total Air volume filtered during the total sampling time	NUM (7,2)	m ³
23	SAMP_INST_CODE	Mandatory	Sampling Institute Code	NUM (9)	
24	INST_CODE_DUST		Institute code for dust analysis	CHAR(9)	
25	ANALY_DATE_DUST		Dust Analysis Date (day/mn/yr)	DATE	
26	ANALY_METH_DUST		Dust Analysis method	CHAR (5)	
27	DUST_CONC		Dust Concentration	NUM ()	
28	DUST_UNIT		Unit for dust_conc	CHAR (5)	
29	INST_CODE_TM	Mandatory	Trace Metal Institute code	CHAR(9)	
30	ANALY_DATE_TM	Mandatory	TM Analysis Date (day/mn/yr)	DATE	
31	ANALY_METH_TM	Mandatory	TM Analysis	CHAR (5)	
32	CD_CONC		Cadmium concentration	NUM (7,3)	
33	CD_BDL		enter BDL if Cd conc. is below detection limit or level of determination	CHAR (2)	
34	CD_DL		Detection limit value	NUM (7,3)	µg/kg
35	CD_UNIT		Unit for Cd_conc	CHAR (5)	
	Other Trace Metals	As specified in the programme			
	Organic contaminants	As specified in the programme			

Table 9
ATMOSPHERIC WET DEPOSITION DATA REPORTING TABLE for MED POL (III)

	Fields	Requisite	Description	Format	Units
1	YEAR	Mandatory	Monitoring Year	NUM (4)	
2	COUNTRY	Mandatory	Country Code (MED POL codes)	CHAR (3)	
3	AREA	Mandatory	Area Code (as used in Phase III Agreement)	CHAR (6)	
4	STATION	Mandatory	Station Code (as used in Phase III Agreement)	CHAR (6)	
5	STATION_ID	Mandatory	Station identity ('R' for reference and 'I' for Impact=hot spot)	CHAR (1)	
6	HEIGHT	Mandatory	Height of station from the ground	NUM (5,1)	m
7	ALTITUDE	Mandatory	Altitude/Elevation of station ground level above sea level	NUM (6,1)	m
8	DISTANCE_SHORE	Mandatory	Distance of atmospheric station to shore	NUM (7,1)	m
9	METEO_DIST		Distance to nearest meteorological station	NUM (7,1)	m
10	LAT_DEG	Mandatory	Latitude degree	NUM (2)	
11	LAT_MIN	Mandatory	Latitude minute	NUM (5,2)	
12	LAT_SEC	Mandatory	Latitude seconds	NUM (2)	
13	LON_DEG	Mandatory	Longitude in degrees	NUM (2)	
14	LON_MIN	Mandatory	Longitude minute	NUM (5,2)	
15	LON_SEC	Mandatory	Longitude seconds	NUM (2)	
16	SAMP_START_DATE		Start Date of Sampling (day/mn/yr)	DATE	
17	SAMP_START_HOUR		Start Hour of Sampling	NUM (2)	
18	SAMP_END_DATE		End Date of Sampling (day/mn/yr)	DATE	
19	SAMP_END_HOUR		End Hour of Sampling	NUM (2)	
20	SAMP_TIME-TOT		Total Sampling Hours	NUM (2)	
21	PRECIPITATION_NG		Precipitation (National gauge)	NUM (5)	mm
22	SAMP_INST_CODE		Sampling Institute Code	NUM (9)	
23	INST_CODE_TM		Trace Metal Institute code	CHAR(9)	
24	ANALY_DATE_TM		TM Analysis Date (day/mn/yr)	DATE	
25	ANALY_METH_TM		TM Analysis method	CHAR (5)	
26	CD_CONC		Cadmium concentration	NUM (7,3)	µg/kg
27	CD_BDL		enter BDL if Cd conc. is below detection limit or level of determination	CHAR (2)	
28	CD_DL		Detection limit value	NUM (7,3)	µg/kg
29	CD_UNIT		Unit for Cd_conc	CHAR (5)	
	Other Trace Metals				
	Other fields		organic contaminants		

Table 10
CERTIFIED REFERENCE MATERIAL (CRM) ANALYSIS DATA REPORTING TABLE for
MEDPOL PHASE III

	Fields	Description	Format	Units
1	CRM_SAMPLE_ID	Sample reference code given by the laboratory		
2	YEAR	Monitoring Year	NUM (4)	
3	COUNTRY	Country Code	CHAR (3)	
4	INST_CODE_TM_BIO	Institute code for trace metal analysis in biota (Country code+institute no. given in the MEDPOL Phase III Agreement)	CHAR (5)	
5	CRM_BIO_TM_CD	Name of the certified reference material used for Cadmium analysis in biota (will be coded)	CHAR (10)	
6	CRM_BIO_CD_VALUE	The expected concentration value for Cd in CRM	NUM (7,3)	µg/kg
7	CRM_BIO_CD_SAMPLE NO	Number of sample (1,...,n**)	NUM (2)	
8	CRM_BIO_CD_CONC	Concentration of cadmium measured in each CRM sample (1,...n) * Pls don't submit average values	NUM (7,3)	µg/kg
9	CRM_BIO_CD_UNIT	Unit for both expected and measured Cd_conc in CRM	CHAR (5)	
10	ANALY_DATE_CD_BIO	Cd Analysis Date (day/mn/yr)	DATE	
11	ANALY_METH_CD_BIO	Cd Analysis method (MED POL codes)	CHAR (5)	
12	CRM_BIO_TM_HGT	Name of the certified reference material used for total Mercury analysis in biota (will be coded)	CHAR (10)	
13	CRM_BIO_HGT_VALUE	The expected concentration value for total Hg in CRM	NUM (7,3)	µg/kg
14	CRM_BIO_HGT_SAMPLE NO	Number of sample (1,...,n**)	NUM (2)	
15	CRM_BIO_HGT_CONC	Concentration of total mercury in each CRM sample (1,...n) * Pls don't submit average values	NUM (7,3)	µg/kg
16	CRM_BIO_HGT_UNIT	Unit for both expected and measured HgT_conc in CRM	CHAR (5)	
17	ANALY_DATE_HGT_BIO	Hgt Analysis Date (day/mn/yr)	DATE	
18	ANALY_METH_HGT_BIO	Hgt Analysis method (MEDPOL codes)	CHAR (5)	
19	INST_CODE_TM_SED	Institute code for trace metal analysis in sediment (Country code+institute no. given in the MEDPOL Phase III Agreement)	CHAR (5)	
20	CRM_SED_TM_CD	Name of the certified reference material used for Cadmium analysis in sediment (will be coded)	CHAR (10)	
21	CRM_SED_CD_VALUE	The expected concentration value for Cd in CRM	NUM (7,3)	µg/kg
22	CRM_SED_CD_SAMPLE NO	Number of sample (1,...,n**)	NUM (2)	
23	CRM_SED_CD_CONC	Concentration of Cd in each CRM sample (1,...n) * Pls don't submit average values	NUM (7,3)	µg/kg
24	CRM_SED_CD_UNIT	Unit for both expected and measured Cd_conc in CRM	CHAR (5)	
25	ANALY_DATE_CD_SED	Cd Analysis Date (day/mn/yr)	DATE	
26	ANALY_METH_CD_SED	Cd Analysis method (MED POL codes)	CHAR (5)	
27	CRM_SED_TM_HGT	Name of the certified reference material used for t- Mercury analysis in sediment (will be coded)	CHAR (10)	
28	CRM_SED_HGT_VALUE	The expected concentration value for total Hg in CRM	NUM (7,3)	µg/kg
29	CRM_SED_HGT_SAMPLE NO	Number of sample (1,...,n)	NUM (2)	
30	CRM_SED_HGT_CONC	Concentration of Hg-T in each CRM sample (1,...n) * Pls don't submit average values	NUM (7,3)	µg/kg
31	CRM_SED_HGT_UNIT	Unit for both expected and measured HgT_conc in CRM	CHAR (5)	

** n: number of individual runs of CRM during the analysis date of field samples

	Fields	Description	Format	Units
32	ANALY_DATE_HGT_SED	Hgt Analysis Date (day/mn/yr)	DATE	
33	ANALY_METH_HGT_SED	Hgt Analysis method (MED POL codes)	CHAR (5)	
34	INST_CODE_OC_BIO	Institute code for organic contaminants analysis in biota (Country code+institute no. given in the MEDPOL Phase III Agreement)	CHAR (5)	
35	CRM_BIO_HH	Name of the certified reference material for halogenated hydrocarbons in biota (will be coded)	CHAR (10)	
36	CRM_BIO_HH_VALUE	Expected concentration value of HH+ compound in CRM	NUM (7,3)	µg/kg
37	CRM_BIO_HH_SAMPLE NO	Number of sample (1,...,n**)	NUM (2)	
38	CRM_BIO_HH_CONC	Concentration of HH+ in each CRM sample (1,...,n) * Pls don't submit average values	NUM (7,3)	µg/kg
39	CRM_BIO_HH_UNIT	Unit for both expected and measured HH_conc in CRM	CHAR (5)	
40	ANALY_DATE_HH_BIO	HH+ Analysis Date (day/mn/yr)	DATE	
41	ANALY_METH_HH_BIO	HH+ Analysis method (MED POL codes)	CHAR (5)	
42	CRM_BIO_OC_PAH	Name of the certified reference material for PAH in biota (will be coded)	CHAR (10)	
43	CRM_BIO_PAH_VALUE	Expected concentration value of PAH in CRM	NUM (7,3)	µg/kg
44	CRM_BIO_PAH_SAMPLE NO	Number of sample (1,...,n**)	NUM (2)	
45	CRM_BIO_PAH_CONC	Concentration of PAH in each CRM sample (1,...,n) * Pls don't submit average values	NUM (7,3)	µg/kg
46	CRM_BIO_PAH_UNIT	Unit for both expected and measured PAH_conc in CRM	CHAR (5)	
47	ANALY_DATE_PAH_BIO	PAH Analysis Date (day/mn/yr)	DATE	
48	ANALY_METH_PAH_BIO	PAH Analysis method (MED POL codes)	CHAR (5)	
49	INST_CODE_OC_SED	Institute code for organic contaminant analysis in sediments (Country code+institute no. given in the MEDPOL Phase III Agreement)	CHAR (5)	
50	CRM_SED_HH	Name of the certified reference material used for the analysis of halogenated hydrocarbons in sediment (will be coded)	CHAR (10)	
51	CRM_SED_HH_VALUE	Expected concentration value of HH+ compound in CRM	NUM (7,3)	µg/kg
52	CRM_SED_HH_SAMPLE NO	Number of sample (1,...,n**)	NUM (2)	
53	CRM_SED_HH_CONC	Concentration of HH+ of each sample (1,...,n) * Pls don't submit average values	NUM (7,3)	µg/kg
54	CRM_SED_HH_UNIT	Unit for both expected and measured HH_conc in CRM		
55	ANALY_DATE_HH_SED	HH+ Analysis Date (day/mn/yr)	DATE	
56	ANALY_METH_HH_SED	HH+ Analysis method (MED POL codes)	CHAR (5)	
57	CRM_SED_PAH	Name of the certified reference material used for PAH analysis in sediment (will be coded)	CHAR (10)	
58	CRM_SED_PAH_VALUE	Expected concentration value of PAH in CRM	NUM (7,3)	µg/kg
59	CRM_SED_PAH_SAMPLE NO	Number of sample (1,...,n**)	NUM (2)	
60	CRM_SED_PAH_CONC	Concentration of PAH of each sample (1,...,n) * Pls don't submit average values	NUM (7,3)	µg/kg
61	CRM_SED_PAH_UNIT	Unit for both expected and measured PAH_conc in CRM	CHAR (5)	
62	ANALY_DATE_PAH_SED	PAH Analysis Date (day/mn/yr)	DATE	
63	ANALY_METH_PAH_SED	PAH Analysis method (MED POL codes)	CHAR (5)	

** n: number of individual runs of CRM during the analysis date of field samples

Table 11
COMPLIANCE MONITORING
Monitoring of bathing waters

Country Code	Area Code	Parameter/ Group	Number of stations monitored	Total Number of measurements	Frequency of measurements	Stations (%) Comply with interim WHO/UNEP criteria	Stations (%) Comply with the National Legislation *	Remarks **

* Specify the national legislation applied as reference

** When appropriate, specify the reasons for non-compliance and the measures taken to ensure compliance