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LC-LP.1/Circ.81  
16 January 2017

**CONVENTION ON THE PREVENTION OF MARINE POLLUTION BY DUMPING  
OF WASTES AND OTHER MATTER, 1972 AND ITS 1996 PROTOCOL**

**Final report on permits issued in 2013**

1 A summary report on dumping activities of Contracting Parties covering the year 2013 is attached hereto.

2 This report, which is attached hereto in English only, has been compiled by the Secretariat on the basis of the submissions received from Contracting Parties, directly or through regional bodies responsible for implementing instruments related to dumping or incineration of wastes at sea. Maps showing the locations of the wastes dumped have been included where provided.

3 The report covers in principle only permits issued in 2013, or where indicated, data on amounts actually dumped under permits issued in 2013 or in earlier years. Note that some of the actual dumping activities envisaged in the recorded permits may have taken place after 2013.

4 The permits in this report are categorized in accordance with annex 1 to the London Protocol.

5 The information submitted by several Contracting Parties might not be complete, because reporting through secretariats of regional conventions did not always include information covering sea areas outside that regional convention area.

6 The use in this document of particular designations of countries and territories does not imply any judgement by the Secretariat as to the legal status of such countries or territories, of their authorities and institutions or of the delimitation of their boundaries.

7 In 2013 there were **87** States registered as Parties to the Convention and **43** States registered as Contracting Parties to the Protocol, **34** of which were also Party to the Convention. A total of **36** Parties provided reports on their dumping activities.

8 Contracting Parties are invited to take note of this report.

## REPORT ON PERMITS ISSUED IN 2013

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Note: The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the International Maritime Organization.

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## ANNEX

**Table 1: Information on reports provided on activities in 2013**

*Received by the Secretariat as at 16 January 2017, includes dumping activities in internal waters*

COUNTRY	Number of Permits	No Information Supplied
AFGHANISTAN		X
ANGOLA <sup>(1)</sup>		X
ANTIGUA/BARBUDA		X
ARGENTINA <sup>(6)</sup>	NIL	
AUSTRALIA <sup>(4)</sup>	13	
AZERBAIJAN		X
BARBADOS	NIL	
BELARUS		X
BELGIUM <sup>(7)</sup>	8	
BENIN		X
BOLIVIA		X
BRAZIL	16	
BULGARIA		X
CANADA	77	
CABO VERDE		X
CHILE	3	
CHINA	345	
- HONG KONG, CHINA <sup>(3)</sup>	143	
COSTA RICA		X
COTE D'IVOIRE		X
CROATIA		X
CUBA		X
CYPRUS		X
DEM. REP. CONGO		X
DENMARK <sup>(7,9)</sup>	37	
DOMINICAN REP.		X
EGYPT	5	
EQUATORIAL GUINEA		X
ESTONIA <sup>(1)</sup>	NIL	
FINLAND <sup>(5)</sup>	NI	
FRANCE	73	
GABON		X
GEORGIA <sup>(1)</sup>		X
GERMANY <sup>(7)</sup>	53	
GHANA <sup>(1)</sup>		X
GREECE		X
GUATEMALA		X
HAITI		X
HONDURAS		X
HUNGARY		X
ICELAND <sup>(7)</sup>	10	
ISLAMIC REPUBLIC OF IRAN		X
IRELAND <sup>(7)</sup>	5	
ITALY	6	
JAMAICA	NIL	
JAPAN	23	
JORDAN		X
KENYA		X
KIRIBATI		X
LIBYA		X
LUXEMBOURG		X
MALTA <sup>(8)</sup>	1	

(1) Countries are Party to the London Protocol only (bolded)

(2) Formerly reported under Yugoslavia

(3) China ratification is effective in respect of Hong Kong, China, which is however, reporting independently

(4) In 2013 there were 87 Parties to the Convention and 43 to the Protocol. 34 of who are also Party to the Convention (shaded)

(5) NI - no information received on number of permits, only amounts disposed

(6) NIL - Report submitted, no dumping permits issued

(7) Reported as part of the OSPAR annual report on dumping of wastes and other matter

(8) Information or part thereof submitted by agent/surveyor/monitor

(9) 37 new permits and 66 valid multi-year permits under OSPAR areas

## Permits issued in 2013 for disposal at sea

Table 2.1 East Atlantic and adjacent waters (Northern and North Western Europe and Africa)

Country	Type of waste	Number permits issued	Quantity licensed or disposed (in tonnes) <sup>2/</sup>					Location of site(s) <sup>1/</sup>
			Atlantic Ocean	North Sea	English Channel	Irish Sea	Other Areas	
BELGIUM	Dredged material	6 3, 6/		12,250,000 95,160,000				
DENMARK	Dredged material	37					2,849,028	North Sea, Kattegat, Skagerrak
EGYPT	Dredged material	3/ 4/					200,200 1,963,000	Mediterranean Sea Mediterranean Sea
FINLAND	Dredged material Maintenance dredging Capital dredging Maintenance and capital dredging	NI					615,090 3,563 3,008	Gulf of Bothnia and Archipelago Gulf of Finland Gulf of Finland
FRANCE	Dredged material Maintenance dredging  Capital dredging	66  5					24,724,771 130,044 2,844	North East Atlantic and North Sea Mediterranean Sea North East Atlantic and North Sea
ICELAND	Dredged material Inert material	8 2	230,046 40,138					
IRELAND	Dredged material	5					348,999	Location not specified
ITALY	Dredged material Maintenance dredging Capital dredging	5/ 1					42,783 3,731	Adriatic Sea Adriatic Sea
NETHERLANDS	Dredged material	7/		32,000,000				
NORWAY	Dredged material Inert material	8 5		103,722 0				
POLAND	Dredged material	17					574,034	Baltic Sea
PORTUGAL	Dredged material	26 6/	3,763,614 176,970					
SOUTH AFRICA	Dredged material Maintenance dredging Capital dredging	3/ 1 1		160,378 93,612				South East Atlantic South East Atlantic
SPAIN	Dredged material Maintenance dredging  Capital dredging	6/ 18 4 4	1,361,717  607,407				175,843	Mediterranean Sea
SWEDEN	Dredged material Maintenance dredging Capital dredging	3/ 32 21					191,230 4,334,027	Skagerrak, Kattegat, Baltic Proper, Bothnian sea
UNITED KINGDOM	Dredged material Maintenance dredging Capital dredging Fish waste Organic material of natural origin	135   1 2		6,015,410 2,643,113	634,965 158,393	1,743,086 1,852,884 1,179	1,598,560 30,256	Humber, Bristol Channel, Malin Sea, Hebrides Sea

1/ Figures refer to Maps in Appendix and to dumpsite codes indicated in these maps (not included in draft).

2/ Dumped amount in tonnes dry-weight, unless otherwise indicated.

3/ Amount reported in cubic meters (V) and unless specified, converted to tonnes dry-weight by 1.3 x V.

4/ Part of the quantity was dumped on land.

5/ Multi-year permits (2013-2014-2015).

6/ Permitted quantity for dumping.

7/ Amount reported in wet weight.

8/ 182,800 tonnes licensed, no material disposed.

Permits issued in 2013 for disposal at sea

Table 2.2 Indian Ocean, Western Pacific and adjacent waters (East Asia, Australasia)

Country	Type of waste	Number of permits issued	Quantity licensed or disposed (in tonnes) 2/				Location of site(s) 1/
			South West Pacific	East Asian Seas	Indian Ocean	Other	
AUSTRALIA	Dredged material	3/					
	Maintenance dredging	4/			982,259	226,060 1,655,603 1,198,725 837,883	Bass Strait Coral Sea Western Pacific Gulf of Carpentaria
	Capital dredging	5/			14,141,319	964,185 167,852	Coral Sea Western Pacific
	Sewage sludge	6/			1,167 m3	391,000 litres	Coral Sea
	Vessels and platforms or other man-made structures at sea						
	Mid water buoys	7/			4 buoys	2 burials	Southern Ocean
	Organic material of natural origin						
CHINA	Dredged material	3/					
	Maintenance and capital dredging					44,343,000	Bohai Sea and Yellow Sea
	Maintenance and capital dredging					126,308,000	East China Sea
Hong Kong, China	Dredged material	3/				38,454,000	South China Sea
	Maintenance and capital dredging						
EGYPT	Dredged material						
	Platform	8/					Red Sea Red Sea
JAPAN	Dredged material						
	Maintenance dredging					2,227,948	Western Pacific Ocean
MALTA	Inert inorganic geological material					1,285,736	and adjacent waters
	Spoilt cargo	9/					
NEW ZEALAND	Dredged material						
	Maintenance dredging	3/					
PHILIPPINES	Capital dredging	10/					
	Man made structure at sea						
REPUBLIC OF KOREA	Carbon steel well head						
	Organic material of natural origin						
SOUTH AFRICA	Mortal remains						
	Dredged material	3/					
SOUTH AFRICA	Maintenance dredging						
	Spoilt cargo						
SOUTH AFRICA	Coal	11/					
	Vessel						
SOUTH AFRICA	Aft section of a vessel wreck	11/					

1/ Figures refer to Maps in Appendix and to dumpsite codes indicated in these maps (not included in draft).

2/ Amount in tonnes dry-weight or as indicated.

3/ Amount reported in cubic meters (V) and unless specified, converted to tonnes dry-weight by 1.3 x V.

4/ Making a total of 15 active permits in 2013.

5/ Making a total of 20 active permits in 2013.

6/ Making a total of four active permits in 2013.

7/ One multi-year permit is active in 2013.

8/ Iron body with the dimension of 12x10x82 m.

9/ Malta is listed in this table due to the dumping location of the damaged cargo.

10/ Permitted quantity is 26,500 m3.

11/ Permit issued under article 8.2 of the London Protocol.

## Permits issued in 2013 for disposal at sea

Table 2.3: West Atlantic, Eastern Pacific and adjacent waters (North, Central, South America and Caribbean)

Country	Type of waste	Number of permits issued	Quantity licensed or disposed (in tonnes) <sup>2/</sup>				Location of site(s) <sup>1/</sup>
			W Atlantic Ocean	E Pacific Ocean	Arctic seas	Other areas	
BRAZIL	Dredged material <sup>3/</sup>	16	19,700,765				South Atlantic Ocean
CANADA	Dredged material <sup>4/, 5/</sup>						
	Maintenance dredging	37	557,281	2,907,105			
	Capital dredging		2				
	Inert material	7		127,851			
	Fish waste	33	17,367	282			
CHILE	Dredged material <sup>3/</sup>	2		88,140			
	Vessel (M/N Ocean Breeze)	1		30,067			
FRANCE	Dredged material						
	Maintenance dredging	2	3,550,314				Western Atlantic
UNITED STATES	Dredged material <sup>3/</sup>						
	Maintenance dredging	45				23,216,851	Atlantic Ocean, Gulf of Mexico,
	Capital dredging	7				3,434,661	Pacific Ocean
	Vessel <sup>6/</sup>	3	46			17	Pacific Ocean

<sup>1/</sup> Map figures, where appropriate, refer to maps in appendix and to dumpsite codes indicated (not included in draft).

<sup>2/</sup> Dumped amount in tonnes dry-weight (i.e., dredged material).

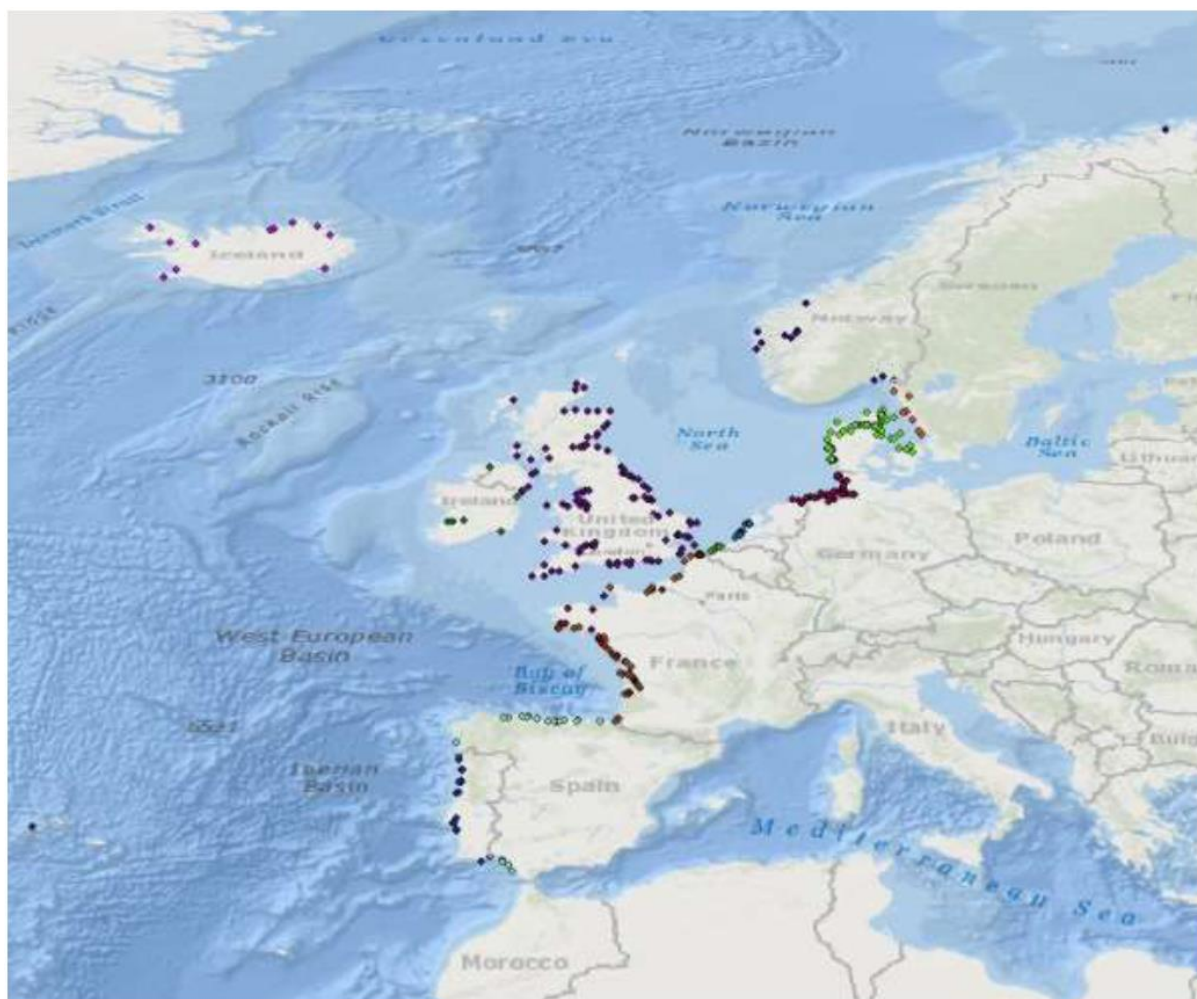
<sup>3/</sup> Dumped amount in cubic meters (V) and unless specified, converted to tonnes dry-weight by 1.3 x V.

<sup>4/</sup> Permitted quantity.

<sup>5/</sup> Includes one permit issued under article 8.2 of the London Protocol, see LC-LP.1/Circ.57.

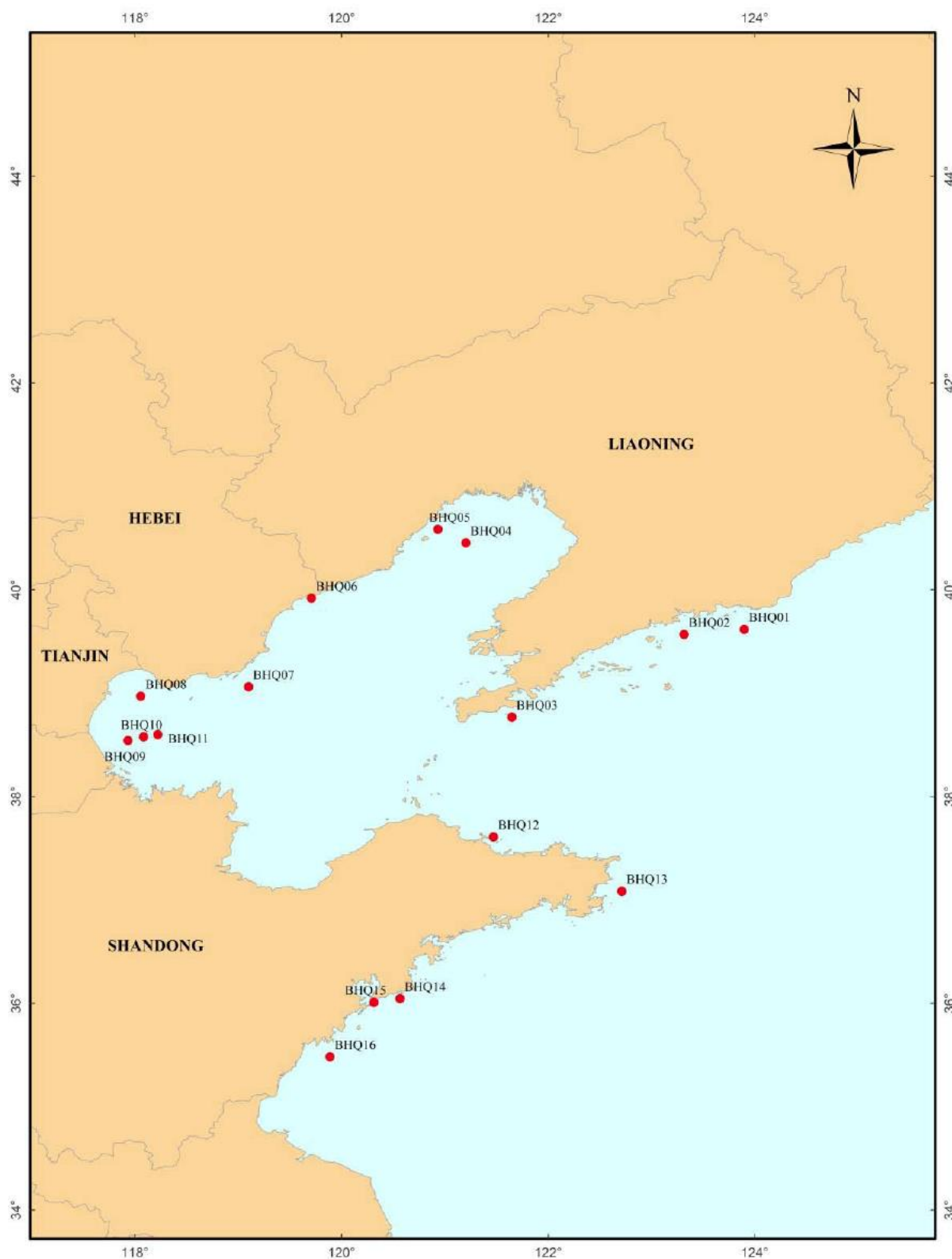
<sup>6/</sup> Three vessels were dumped. The weight of one vessel was indicated as 'unknown' in the Contracting Party's annual report.

**Map 1: Dumping sites in the OSPAR region 2013**



From: OSPAR annual report on dumping of wastes or other matter at sea in 2013, available online at <http://www.ospar.org/documents?v=33573>

**Map 2: Dumping sites in China 2013**



Dumping sites monitored in Bohai Sea & Yellow Sea in 2013

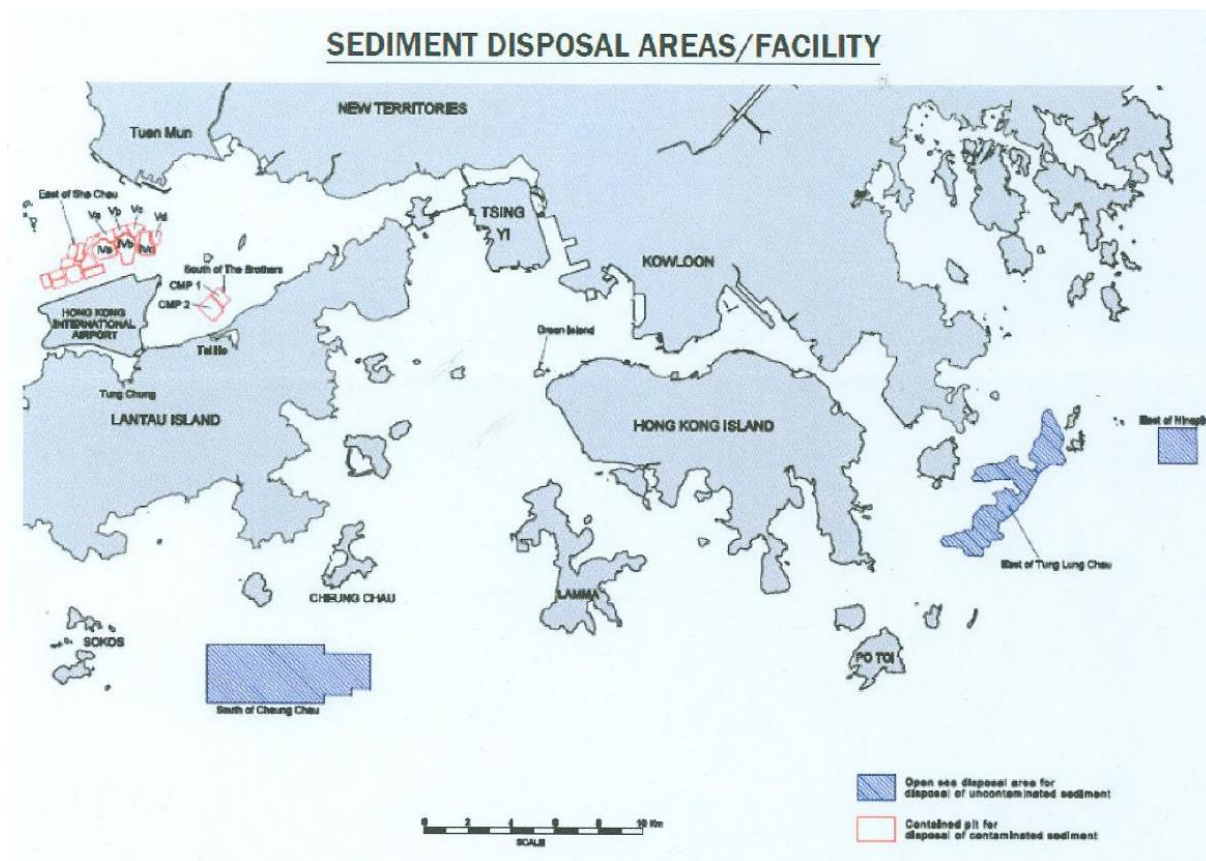




Dumping sites monitored in East China Sea in 2013



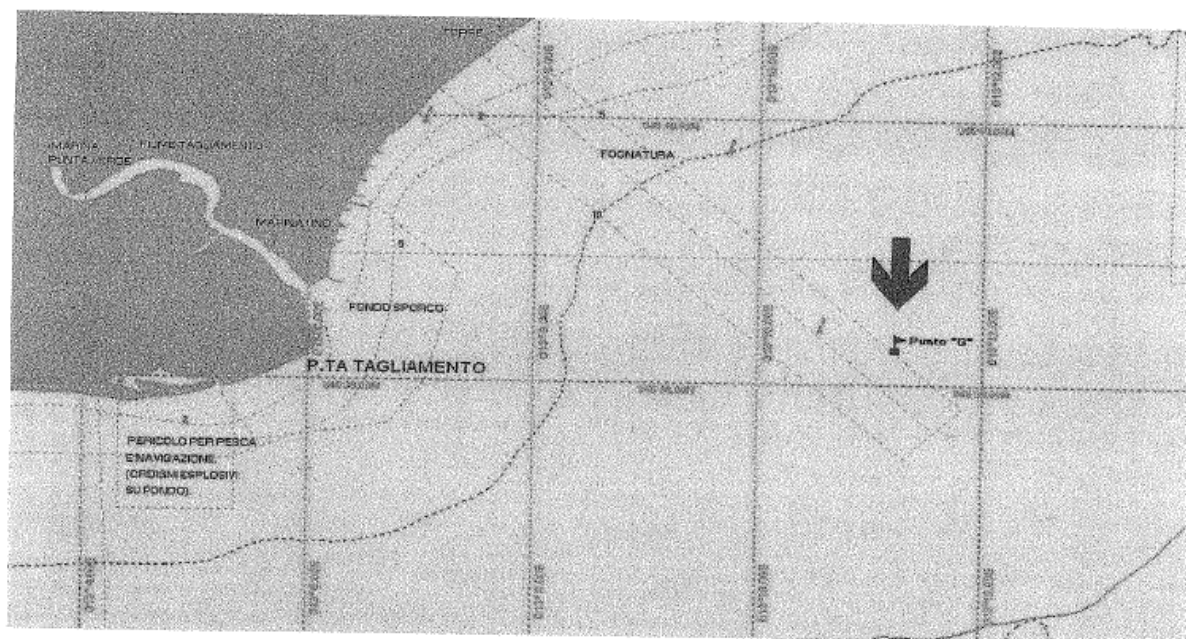
Dumping sites monitored in South China Sea in 2013



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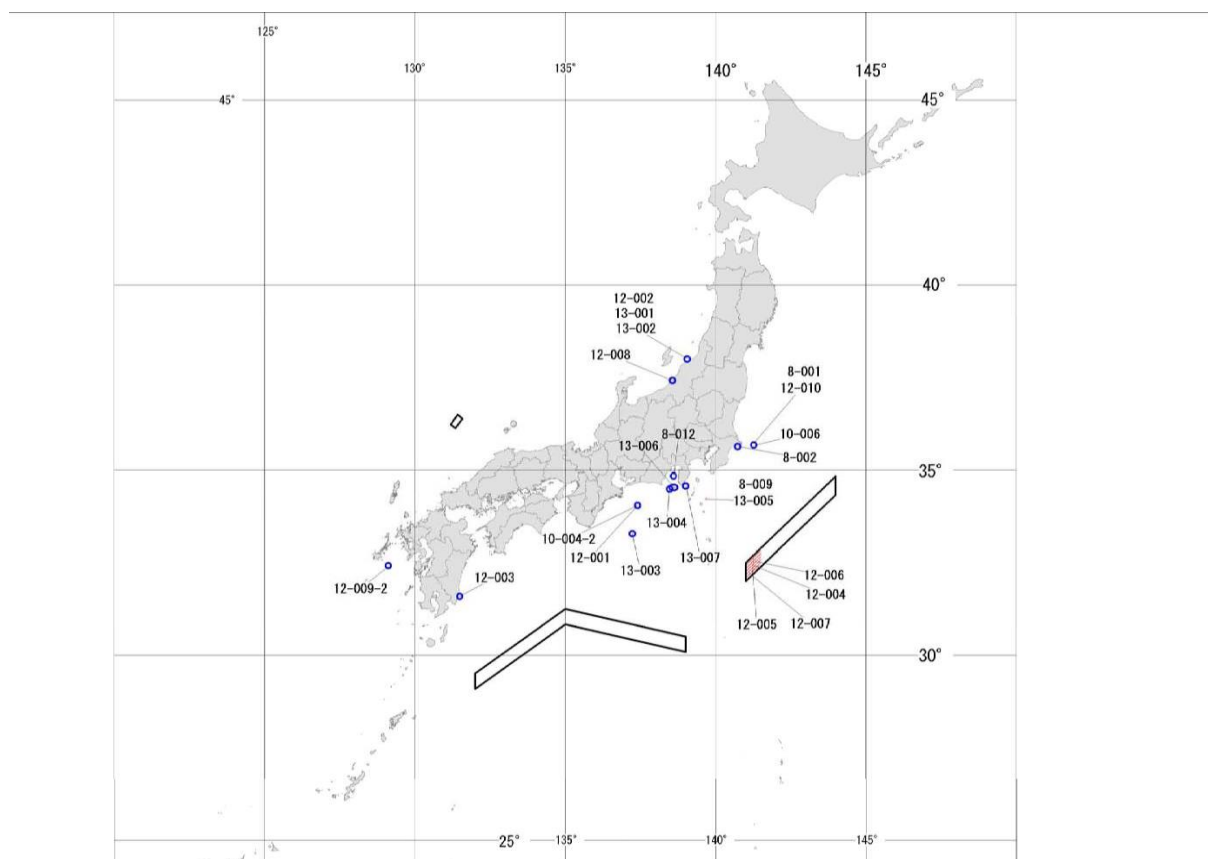
Sediment disposal areas/facility, Hong Kong, China

### Map 3: Dumping sites in Italy 2013



ZONA DI SVERSAMENTO DEI MATERIALI DERIVANTI DAI DRAGAGGI		
AREA CIRCOLARE	Centro nel punto "G"	
Lunghezza raggio di metri 250	Lat.: 45°38,32'N	Long.: 13° 11,20'E

**Map 4: Dumping sites in Japan 2013**



Map 5: Dumping sites in New Zealand 2013

## New Zealand Marine Disposal Sites

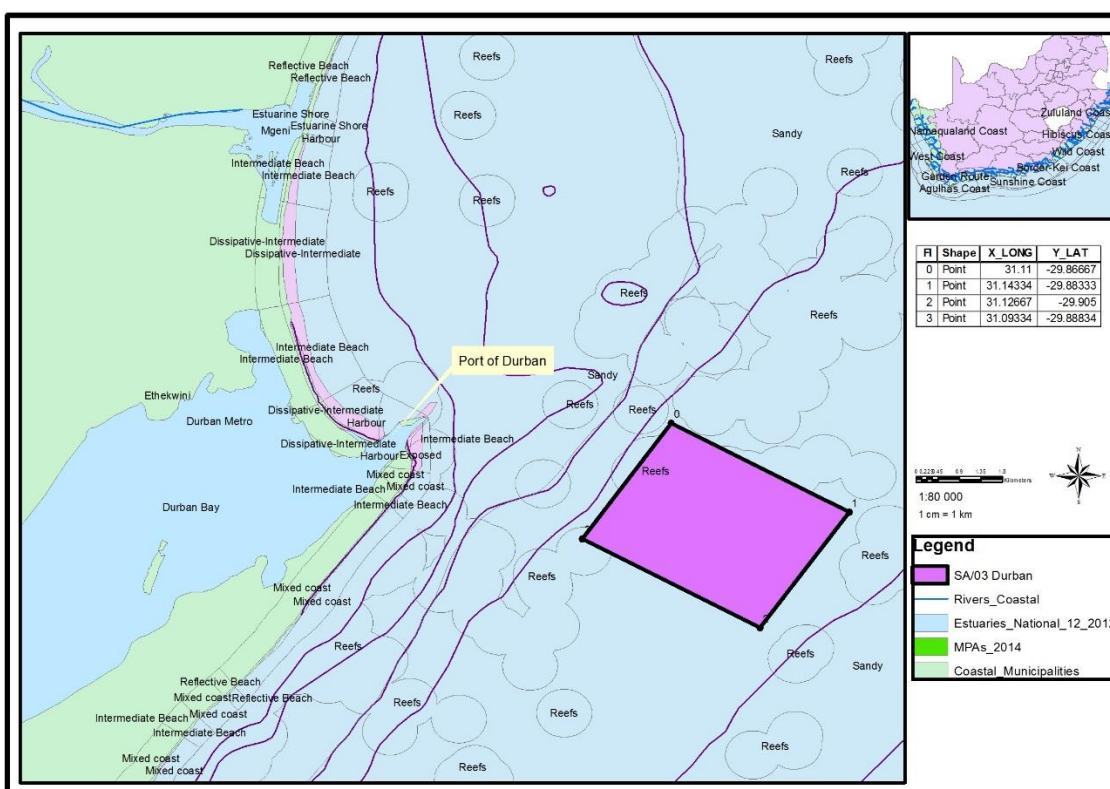
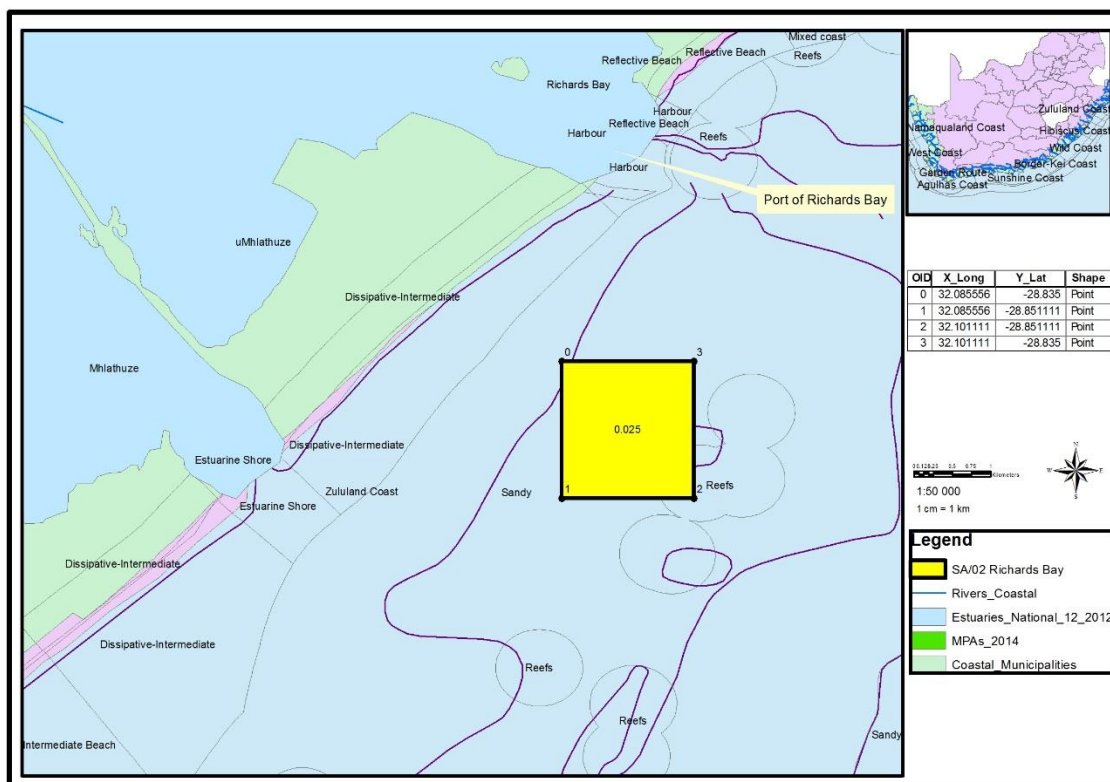


**Map 6: Dumping sites in Poland 2013**

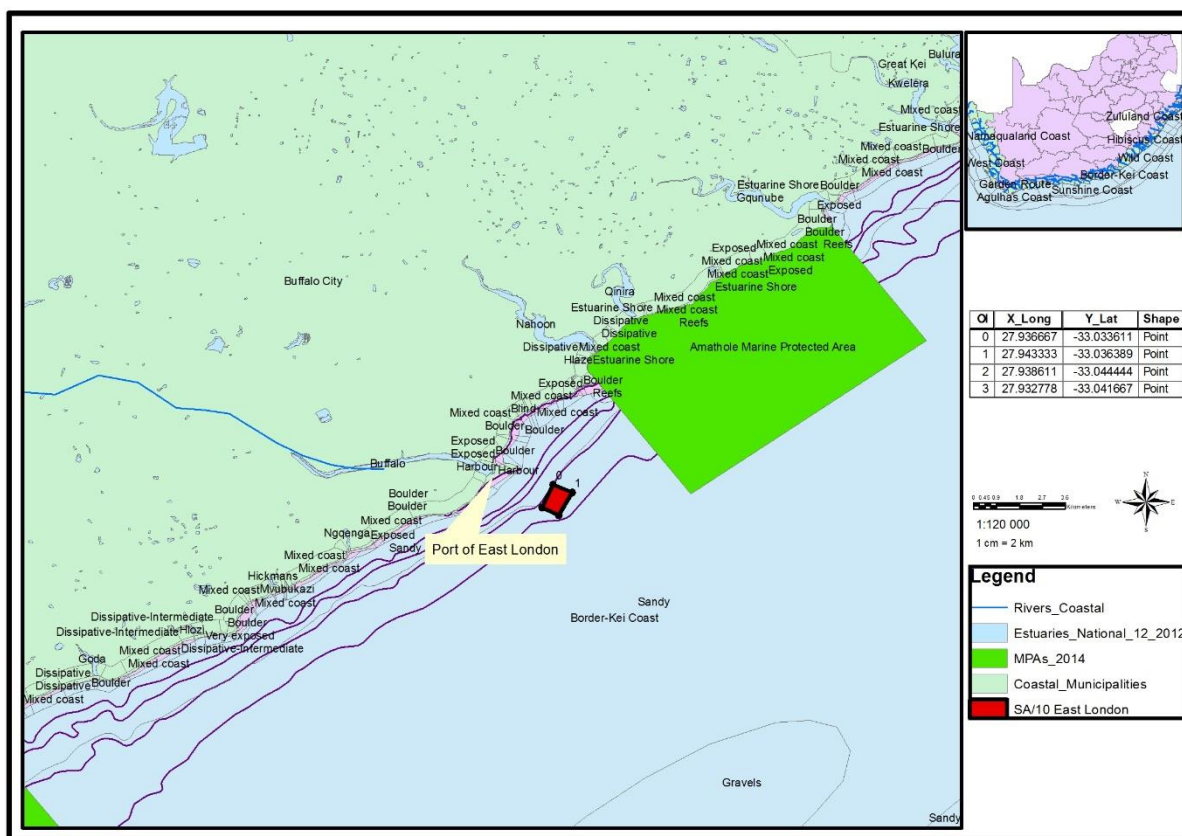
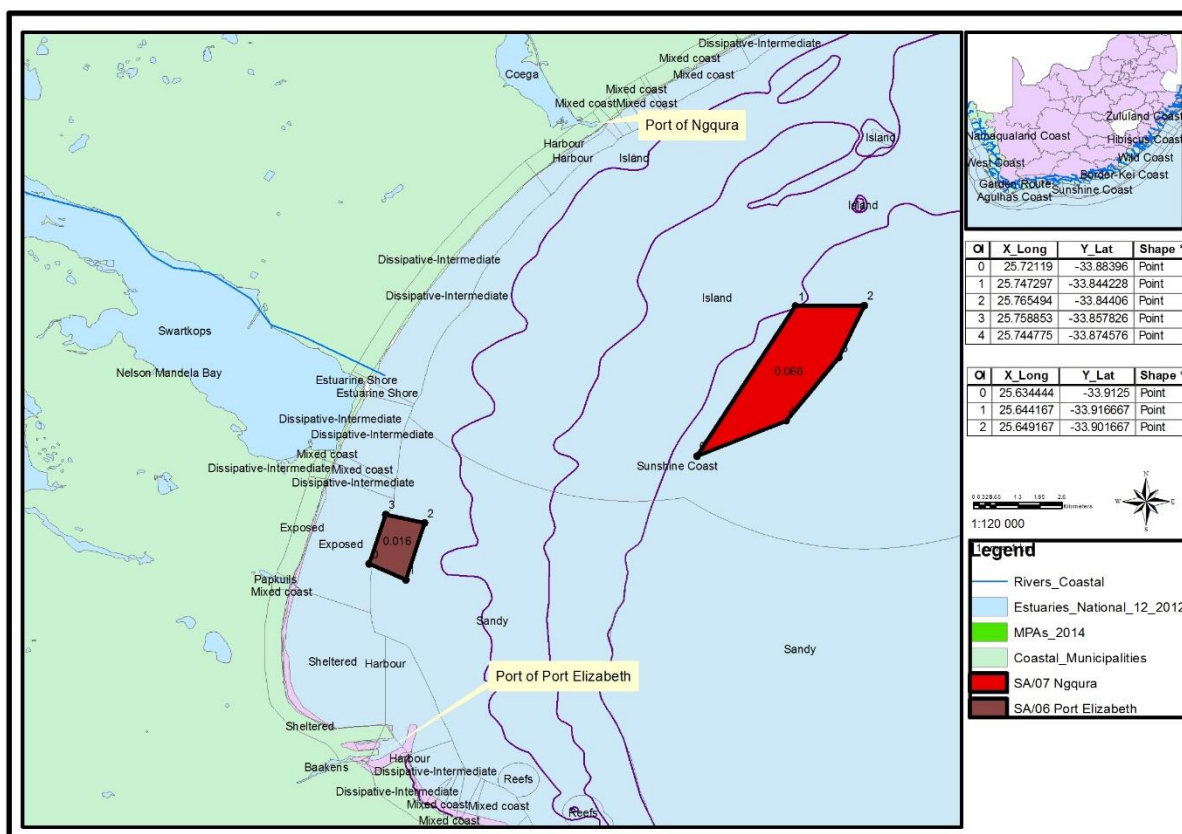


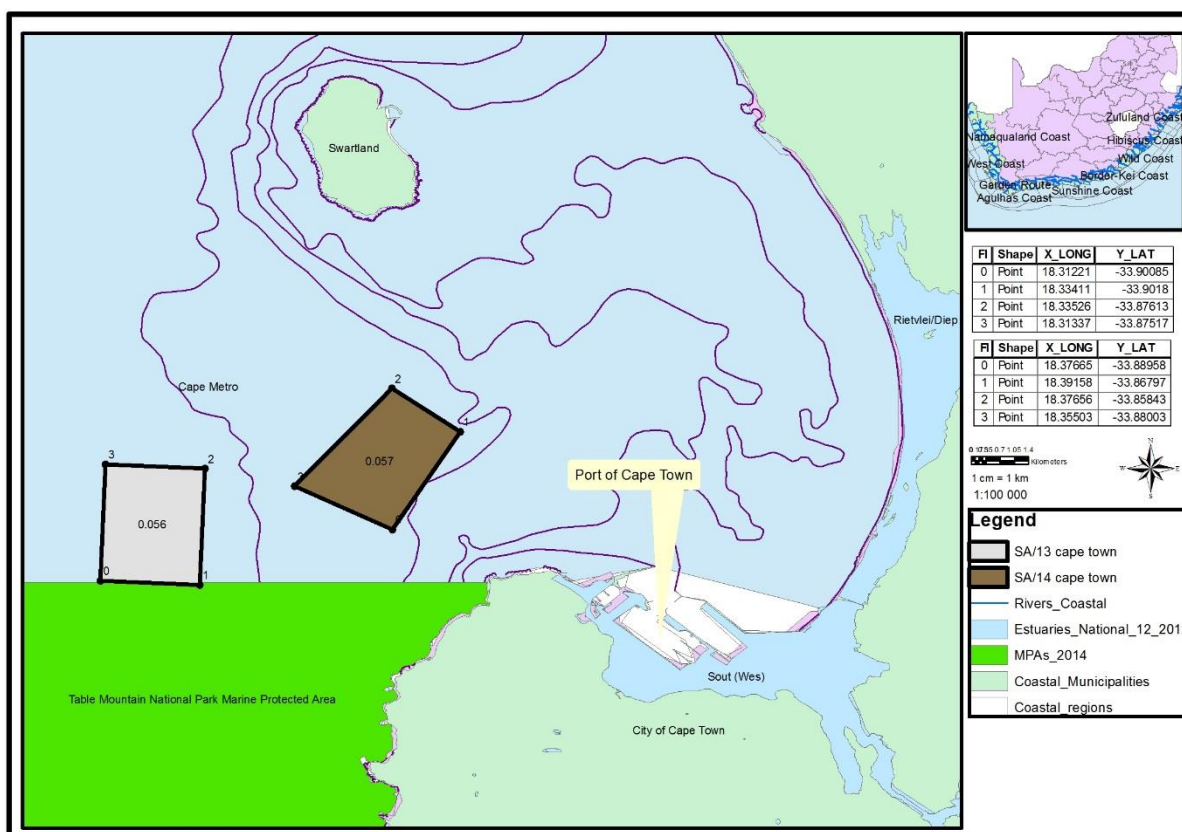
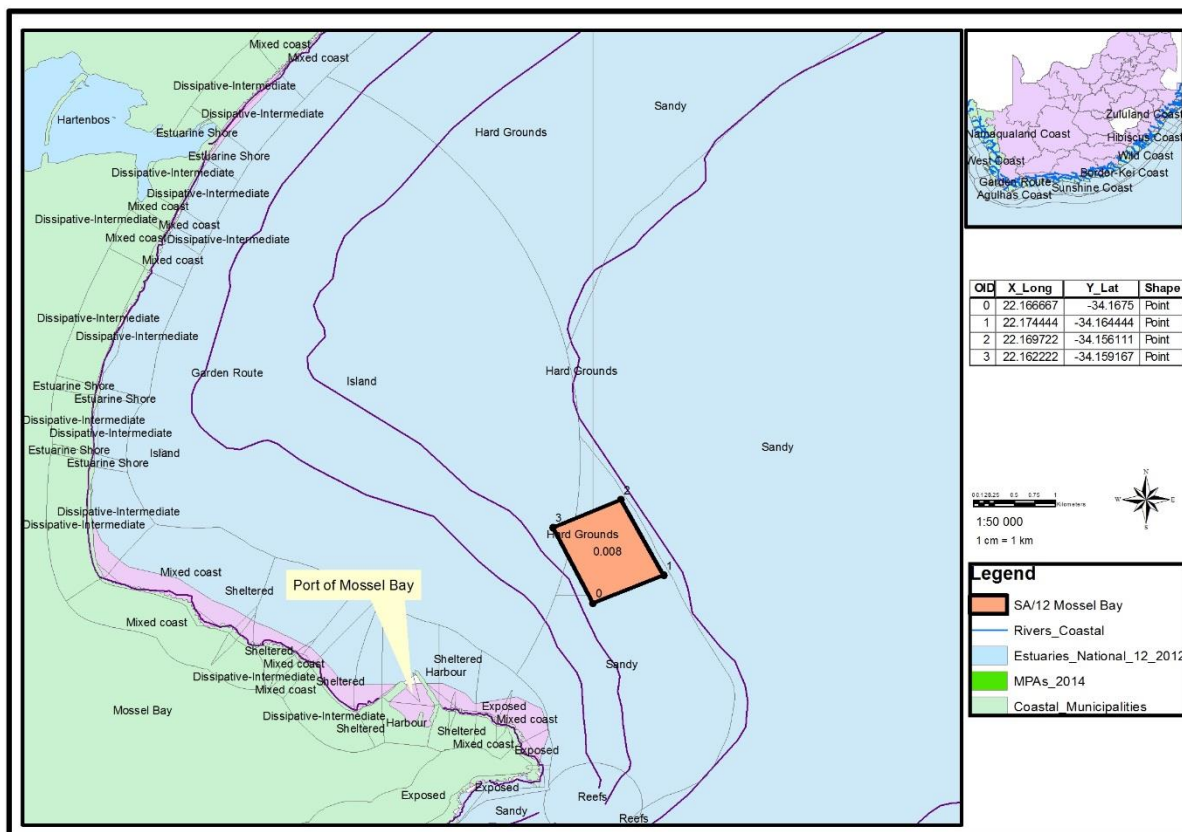


Map 7: Dumping sites in South Africa 2013

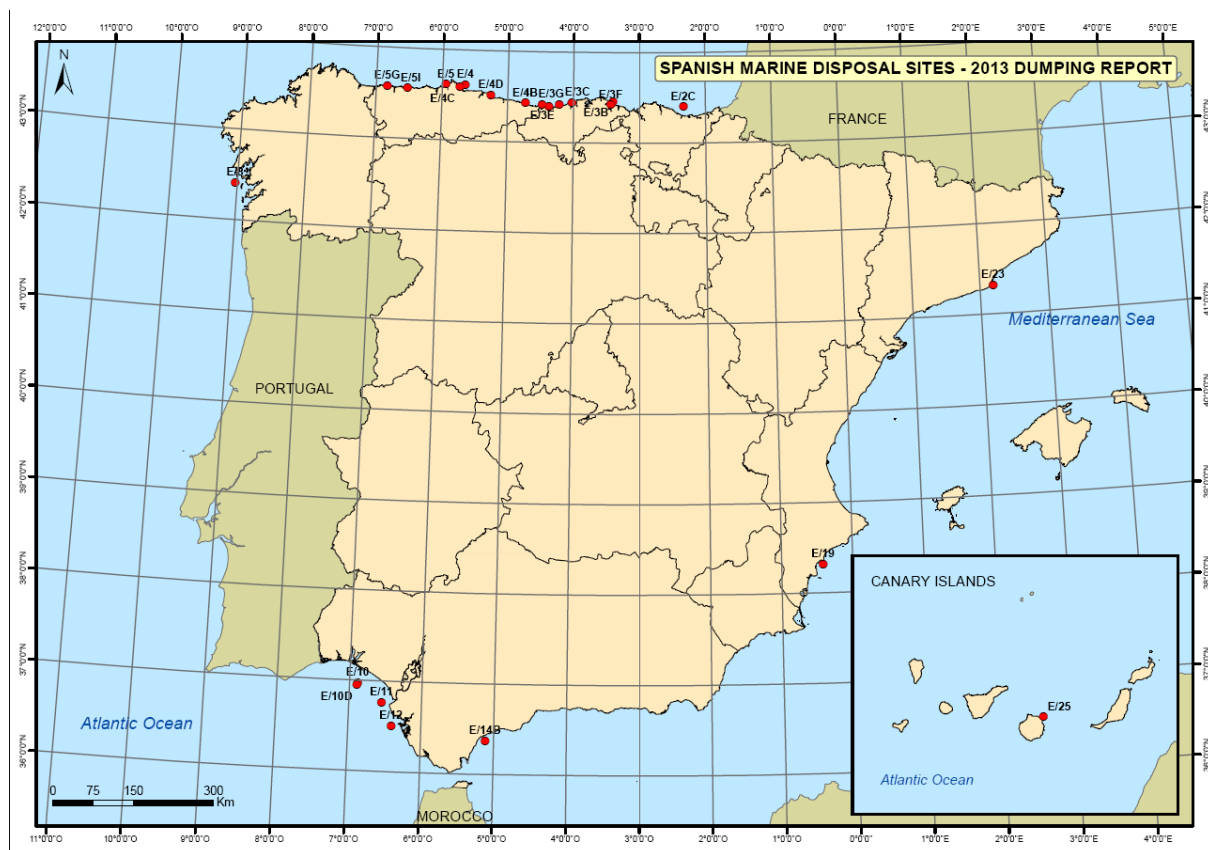






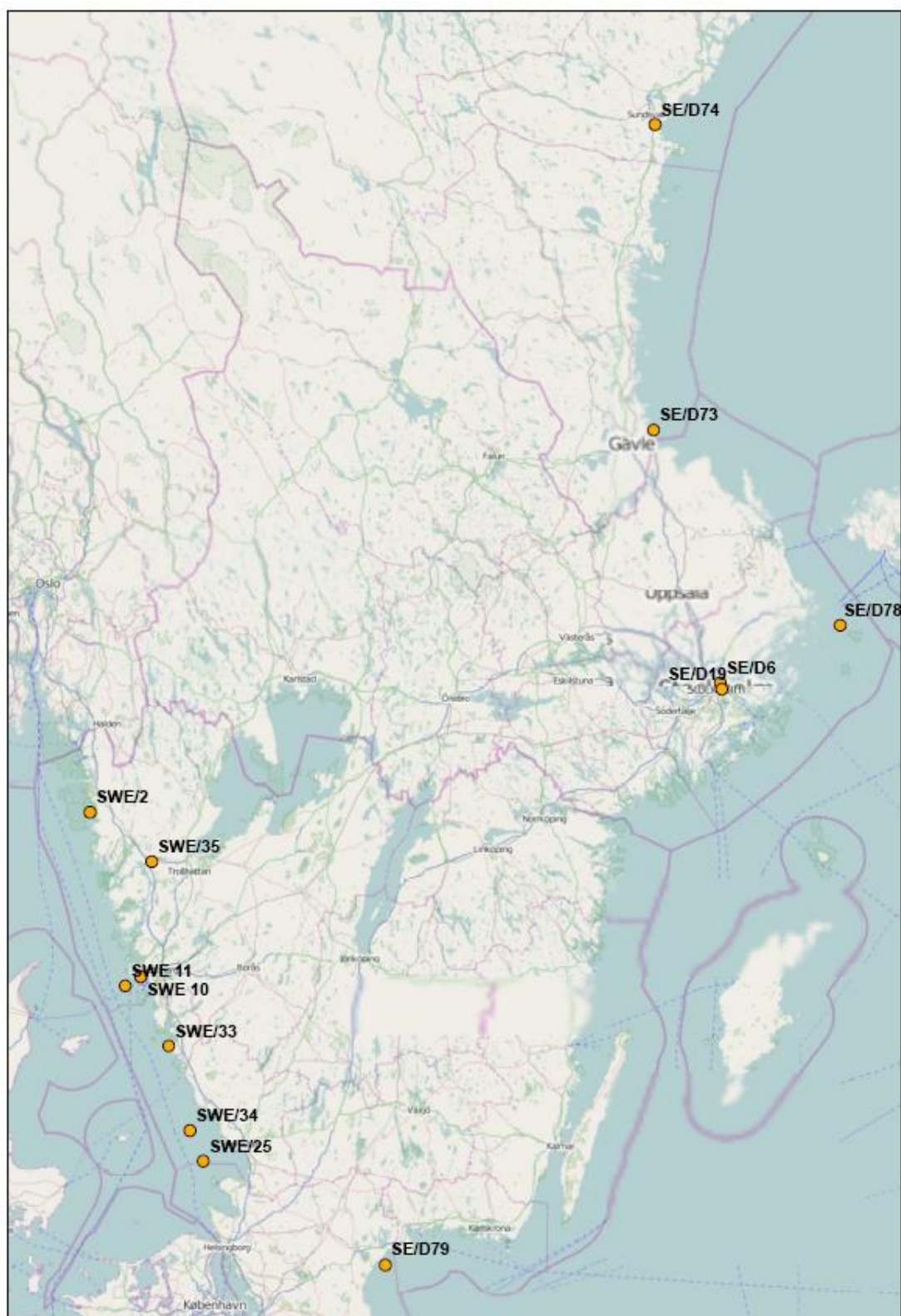


Map 8: Dumping sites in Spain 2013





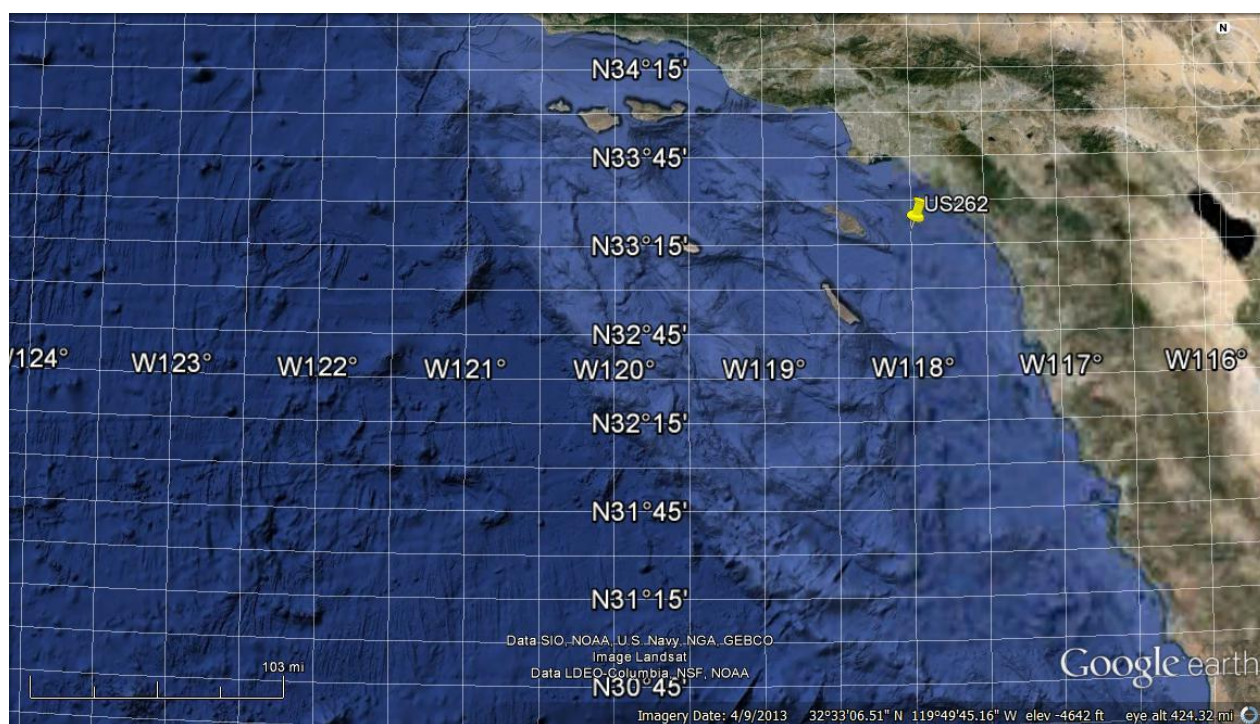
**Map 9: Dumping sites in Sweden 2013**



### Map 10: Dumping sites in the United States 2013

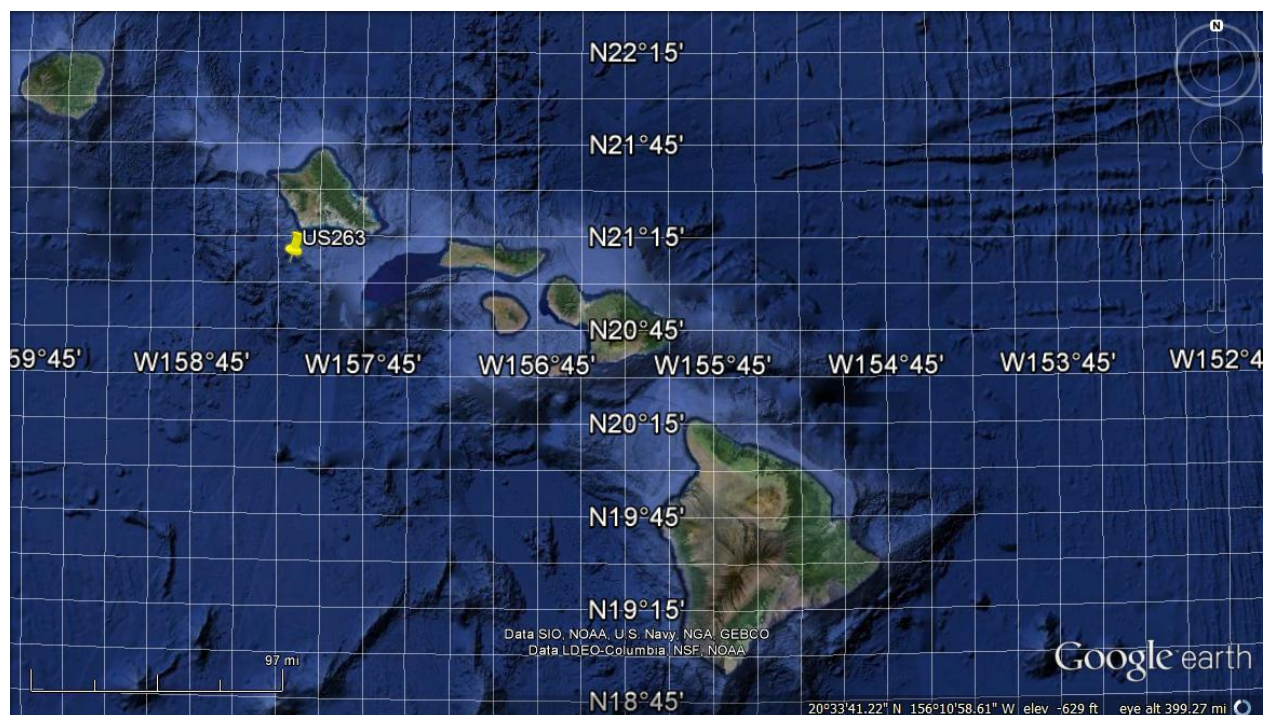


Map of disposal site for vessel (Little Sandra, LC Code: US261)



Map of disposal site for vessel (wooden barge, LC Code: US262)





Map of disposal site for vessel (Infinity, LC Code: US263)