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5 January 2016

**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 2012**

1 A summary report on dumping activities of Contracting Parties covering the year 2012 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 2012, or where indicated, data on amounts actually dumped under permits issued in 2012 or in earlier years. Note that some of the actual dumping activities envisaged in the recorded permits may have taken place after 2012.

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 2012 there were **87** States registered as Parties to the Convention and **42** States registered as Contracting Parties to the Protocol, **34** of which were also Party to the Convention. A total of **37** Parties provided reports on their dumping activities.

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

## REPORT ON PERMITS ISSUED IN 2012

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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 2012***Received by the Secretariat as at 31 December 2015 - includes dumping activities in internal waters*

COUNTRY	Number of Permits	No Information Supplied	COUNTRY	Number of Permits	No Information Supplied
AFGHANISTAN		X	<b>MARSHALL ISLANDS</b> (1, 7)	NIL	
<b>ANGOLA</b> (1)		X	MEXICO		X
ANTIGUA/BARBUDA		X	MONACO		X
ARGENTINA (7)	NIL		MONTENEGRO		X
AUSTRALIA (5)	16		MOROCCO		X
AZERBAIJAN		X	NAURU		X
BARBADOS		X	NETHERLANDS	10	
BELARUS		X	NEW ZEALAND	4	
BELGIUM	8		NIGERIA		X
BENIN		X	NORWAY	29	
BOLIVIA		X	OMAN		X
BRAZIL	19		PAKISTAN		X
BULGARIA		X	PANAMA		X
CANADA	90		PAPUA NEW GUINEA		X
CAPE VERDE		X	PERU		X
CHILE		X	PHILIPPINES	29	
CHINA	414		POLAND	12	
- HONG KONG, CHINA (4)	146		PORTUGAL	25	
COSTA RICA		X	REPUBLIC OF KOREA	12	
COTE D'IVOIRE		X	RUSSIAN FEDERATION		X
CROATIA		X	<b>SAINT KITTS AND NEVIS</b> (1)		X
CUBA		X	SAINT LUCIA		X
CYPRUS		X	SAINT VINCENT AND THE GRENADINES		X
DEM. REP. CONGO		X	<b>SAUDI ARABIA</b> (1)		X
DENMARK	94		SERBIA (2)		X
DOMINICAN REP.		X	SEYCHELLES		X
EGYPT	4		SIERRA LEONE		X
EQUATORIAL GUINEA		X	SLOVENIA	NIL	
FINLAND (6)	NI		SOLOMON ISLANDS		X
FRANCE	68		SOUTH AFRICA	9	
GABON		X	SPAIN	30	
<b>GEORGIA</b> (1)		X	SURINAME (7)	NIL	
GERMANY	18		SWEDEN	19	
<b>GHANA</b> (1)		X	SWITZERLAND (7)	NIL	
GREECE	1		SYRIAN ARAB REPUBLIC		X
GUATEMALA (7)	NIL		TONGA		X
HAITI		X	<b>TRINIDAD AND TOBAGO</b> (1)		X
HONDURAS		X	TUNISIA		X
HUNGARY		X	UKRAINE (7)	NIL	
ICELAND	4		UNITED ARAB EMIRATES		X
IRAN		X	UNITED KINGDOM	67	
IRELAND	4		UNITED REPUBLIC OF TANZANIA		X
ITALY	2		UNITED STATES	57	
JAMAICA	1		VANUATU (7)	NIL	
JAPAN	35		<b>YEMEN</b> (1)		X
JORDAN		X			
KENYA (6)	NI		SINGAPORE (3)	1	
KIRIBATI		X			
LIBYA		X			
LUXEMBOURG		X			
MALTA		X			
			<b>TOTAL</b>	<b>1,228</b>	
			Contracting Parties not reporting:		<b>58</b>

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

(2) Formerly reported under Yugoslavia

(3) Not Party to the Convention or Protocol

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

(5) In 2012 there were 87 Parties to the Convention and 42 to the Protocol, 34 of who are also Party to the Convention (shaded)

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

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

## Permits issued in 2012 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 Maintenance dredging Capital dredging <sup>3/</sup>	6 2		40,979,603				
DENMARK	Dredged material	94					6,958,621	North Sea, Kattegat, Skagerrak
EGYPT	Dredged material <sup>4/</sup> Inert material Mud and sand Bulky waste Rocks Pipelines	1 1 1 1 1					78,000 1,500,000 m <sup>3</sup>	Mediterranean Sea Mediterranean Sea
FINLAND	Dredged material Maintenance dredging Capital dredging	NI					351,040 6,300	Gulf of Bothnia and Archipelago Gulf of Finland
FRANCE	Dredged material Maintenance dredging  Capital dredging	65  3					20,024,225 156,740 3,548,421 5,182,222	North East Atlantic and North Sea Mediterranean Sea oversea (West Atlantic) North East Atlantic and North Sea
GERMANY	Dredged material Maintenance dredging	18		28,927,000				
ICELAND	Dredged material Maintenance dredging Capital dredging	4	305,649 161,379					
IRELAND	Dredged material Maintenance dredging	4	10,351			1,582,805	20,005	Celtic Sea
ITALY	Dredged material <sup>5/</sup> Maintenance dredging Capital dredging	2					28,613 6,682	Mediterranean Sea
NETHERLANDS	Dredged material Maintenance dredging Maintenance and capital dredging	10		16,192,243 9,587,226				
NORWAY	Dredged material <sup>6/</sup> Maintenance dredging Capital dredging Inert material Rocks from blasting	27 2		218,925 201,780 98,350				
POLAND	Dredged material Maintenance and capital dredging	12					13,955,112	Baltic Sea
PORTUGAL	Dredged material Maintenance dredging Capital dredging Fish waste	24 1	3,350,560 297,110 306,280					
SINGAPORE	Spoilt cargo <sup>7/</sup> Wet damaged bulk rice	1	750					Within 5 miles of 26°40' N and 40°00' W
SPAIN	Dredged material Maintenance dredging Capital dredging	30	1,969,003 827,233				301,177 705,382	Medeterranean Sea Medeterranean Sea
SWEDEN	Dredged material Maintenance dredging Capital dredging	13 6					75,045 1,928,355	Skagerrak, Kattegat, Baltic Sea, Öresund, Bothnian sea
UNITED KINGDOM	Dredged material Maintenance dredging Capital dredging Fish waste	66 1		6,411,106 783,831	1,159,214 371,776	2,816,359 926,349 976	1,592,112 41,874	Humber, Bristol Channel, Malin Sea

<sup>1/</sup> Figures refer to Maps in Appendix and to dumpsite codes indicated in these maps.

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

<sup>3/</sup> Two permits were licensed for 66.2 million m<sup>3</sup>/5 years and 7 million m<sup>3</sup>/year, respectively, but not used.

<sup>4/</sup> Amount reported in cubic meters (V) and unless specified, converted to tonnes dry-weight by 1.3 x V.

<sup>5/</sup> These two permits were valid from 2011 and extended until 2012 in 2012. Two permits were issued in 2011 but still valid in 2012.

<sup>6/</sup> Wet weight.

<sup>7/</sup> Information provided by surveyor/monitor. Singapore is listed in this table due to the location where the spoilt cargo in question had been dumped.

## Permits issued in 2012 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							
	Maintenance dredging	6		40,979,603				
	Capital dredging	2						
DENMARK	Dredged material	94					6,958,621	North Sea, Kattegat, Skagerrak
EGYPT	Dredged material	4/					78,000	Mediterranean Sea
	Inert material	1						
	Mud and sand	1					1,500,000 m <sup>3</sup>	Mediterranean Sea
	Bulky waste							
	Rocks	1						
	Pipelines	1						
FINLAND	Dredged material	NI						
	Maintenance dredging						351,040	Gulf of Bothnia and Archipelago
	Capital dredging						6,300	Gulf of Finland
FRANCE	Dredged material							
	Maintenance dredging	59						
	Capital dredging	3					20,024,225	North East Atlantic and North Sea
							156,740	Mediterranean Sea
							5,182,222	North East Atlantic and North Sea
GERMANY	Dredged material							
	Maintenance dredging	18		28,927,000				
ICELAND	Dredged material	4						
	Maintenance dredging		305,649					
	Capital dredging		161,379					
IRELAND	Dredged material	4						
	Maintenance dredging		10,351			1,582,805	20,005	Celtic Sea
ITALY	Dredged material	5/						
	Maintenance dredging	2					28,613	Mediterranean Sea
	Capital dredging						6,682	
NETHERLANDS	Dredged material	10						
	Maintenance dredging			16,192,243				
	Maintenance and capital dredging			9,587,226				
NORWAY	Dredged material	6/						
	Maintenance dredging	27						
	Capital dredging			218,925				
	Inert material			201,780				
	Rocks from blasting	2		98,350				
POLAND	Dredged material							
	Maintenance and capital dredging	12					13,955,112	Baltic Sea
PORTUGAL	Dredged material	24						
	Maintenance dredging		3,350,560					
	Capital dredging		297,110					
	Fish waste	1	306,280					
SINGAPORE	Spoilt cargo	7/						
	Wet damaged bulk rice	1	750					Within 5 miles of 26°40' N and 40°00' W
SPAIN	Dredged material	30						
	Maintenance dredging		1,969,003				301,177	Mediterranean Sea
	Capital dredging		827,233				705,382	Mediterranean Sea
SWEDEN	Dredged material							
	Maintenance dredging	13					75,045	Skagerrak, Kattegat, Baltic Sea,
	Capital dredging	6					1,928,355	Öresund, Bothnian sea
UNITED KINGDOM	Dredged material	66						
	Maintenance dredging			6,411,106	1,159,214	2,816,359	1,592,112	Humber, Bristol Channel,
	Capital dredging			783,831	371,776	926,349	41,874	Malin Sea
	Fish waste	1				976		

<sup>1/</sup> Figures refer to Maps in Appendix and to dumpsite codes indicated in these maps.

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

<sup>3/</sup> Two permits were licensed for 66.2 million m<sup>3</sup>/5 years and 7 million m<sup>3</sup>/year, respectively, but not used.

<sup>4/</sup> Amount reported in cubic meters (V) and unless specified, converted to tonnes dry-weight by 1.3 x V.

<sup>5/</sup> These two permits were valid from 2011 and extended until 2012 in 2012.

<sup>6/</sup> Wet weight.

<sup>7/</sup> Information provided by surveyor/monitor. Singapore is listed in this table due to the location where the spoilt cargo in question had been dumped.

## Permits issued in 2012 for disposal at sea

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

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/			654,689	1,200,806	Coral Sea	
	Maintenance dredging	4/				778,255		Gulf of Carpentaria
						870,958		Western Pacific
	Capital dredging	5/				360,242		Bass Strait
						3,950,241		Coral Sea
CHINA	Sewage sludge	6/			8,406,161	426,919	Gulf of Carpentaria	
	Organic material of natural origin					332,000 litres		Coral Sea
						3 burials		Western Pacific
HONG KONG, CHINA	Dredged material	3/			29,186,860	31,538,000	Bohai Sea and Yellow Sea	
	Maintenance and capital dredging					154,973,000		East China Sea
						59,475,000		South China Sea
GREECE	Spoilt cargo	7/			1,984		Within 5 miles of 17°30' N and 69°00' E	
	Wet damaged yellow corn							
JAPAN	Dredged material						Western Pacific Ocean and adjacent waters	
	Maintenance dredging	23				2,508,332		
	Inert inorganic geological material	8/				1,733,536		
	Organic material of natural origin	8				0		
KENYA	Dredged material	3/			66,490,818			
NEW ZEALAND	Dredged material		1,737,837	6,056				
	Maintenance dredging	3						
	Capital dredging							
	Organic material of natural origin							
PHILIPPINES	Mortal remains	1						
REPUBLIC OF KOREA	Dredged material				1,709,422			
	Organic material of natural origin	9						
	Non-toxic waste/organic slop/molasses	18				appr.141,980		
	Inert inorganic geological material	2				2,400		
SOUTH AFRICA	Dredged material				731,771			
	Maintenance dredging	3						
	Fish waste	3				1,831		
	Sewage sludge	3				218,375		
	Organic material of natural origin							
	Orange pulp arising from compression of fruit in juice production	3				255		
SOUTH AFRICA	Dredged material	9/						
	Maintenance dredging	7				2,198,361		
	Capital dredging	2				1,315,513		

1/ Figures refer to Maps in Appendix and to dumpsite codes indicated in these maps.

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 13 active permits in 2012.

5/ Making a total of 21 active permits in 2012. Two multi-year permits include both capital and maintenance disposal (with unspecified splits).

6/ Treated sewage. Making a total of two active permits in 2012.

7/ Permit was issued under article V(2) of the London Convention. Greece is listed in this table due to the location where the spoilt cargo in question had been dumped.

8/ Four multi-year permits were renewed in 2012.

9/ Wet weight.

## Permits issued in 2012 for disposal at sea

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

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) 2/				Location of site(s) 1/
				W Atlantic Ocean	E Pacific Ocean	Arctic seas	Other areas	
BRAZIL	Dredged material	3/	19	52,752,294				South Atlantic Ocean
CANADA	Dredged material							
	Maintenance dredging		44	997,356	1,600,554			
	Inert geological material		4		222,177			
	Organic material of natural origin							
	Muskox offal		1			200		
	Fish waste		39	22,610				
	Vessels and platforms		2				734	Location not indicated
FRANCE	Dredged Material							
	Maintenance dredging	4/	6	3,548,421				Overseas territory
JAMAICA	Dredged material	3/	1	390,000				
UNITED STATES	Dredged material	3/						
	Maintenance dredging		47				43,562,251	Atlantic Ocean, Gulf of Mexico
	Capital dredging		8				11,568,504	Pacific Ocean
	Fish waste		1				11,679,250 gallons	Pacific Ocean
	Vessels		1				1 vessel	Pacific Ocean

1/ Figures refer to Maps in Appendix and to dumpsite codes indicated in these maps.

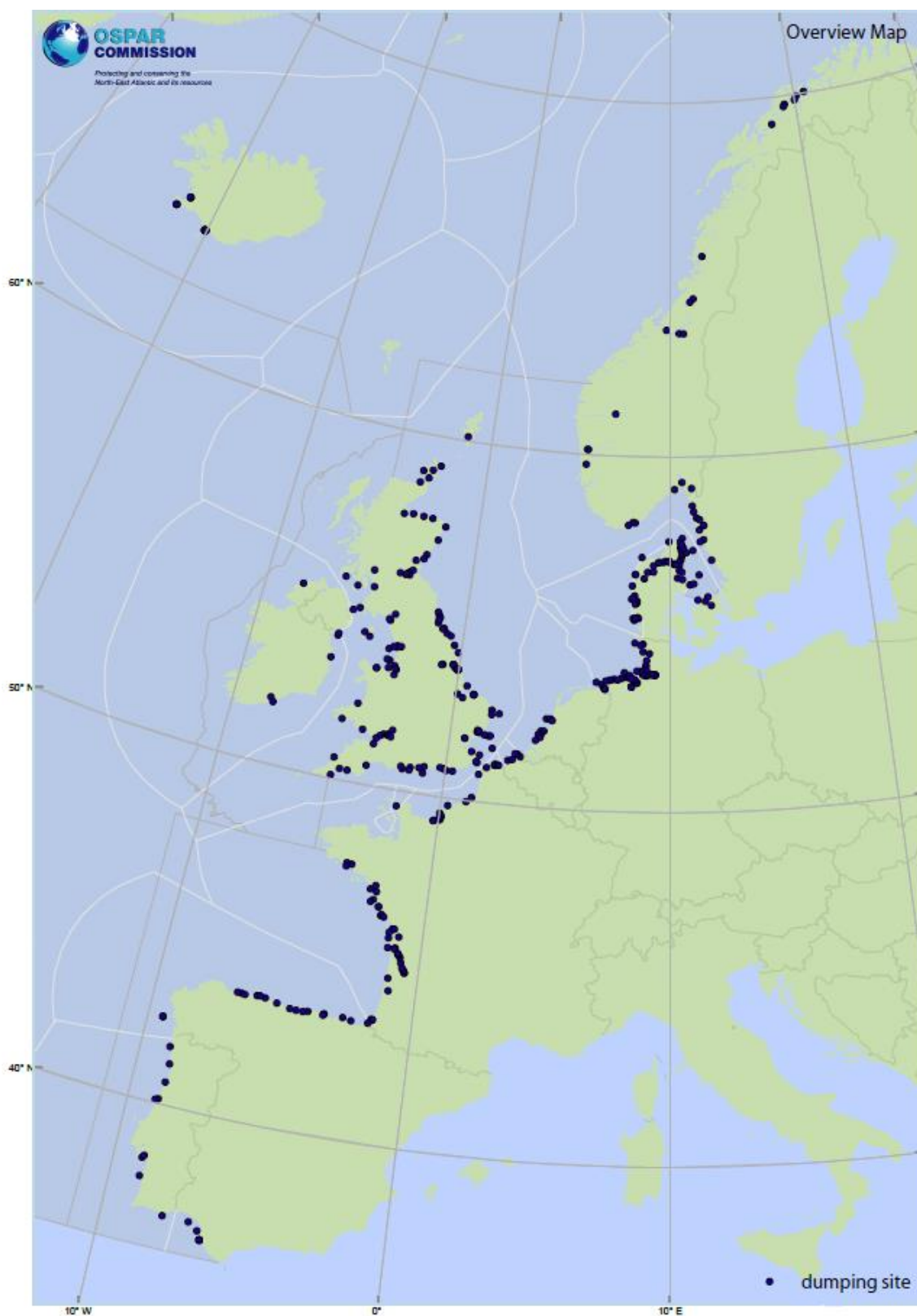
2/ Dumped amount in tonnes dry-weight (i.e., dredged material).

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

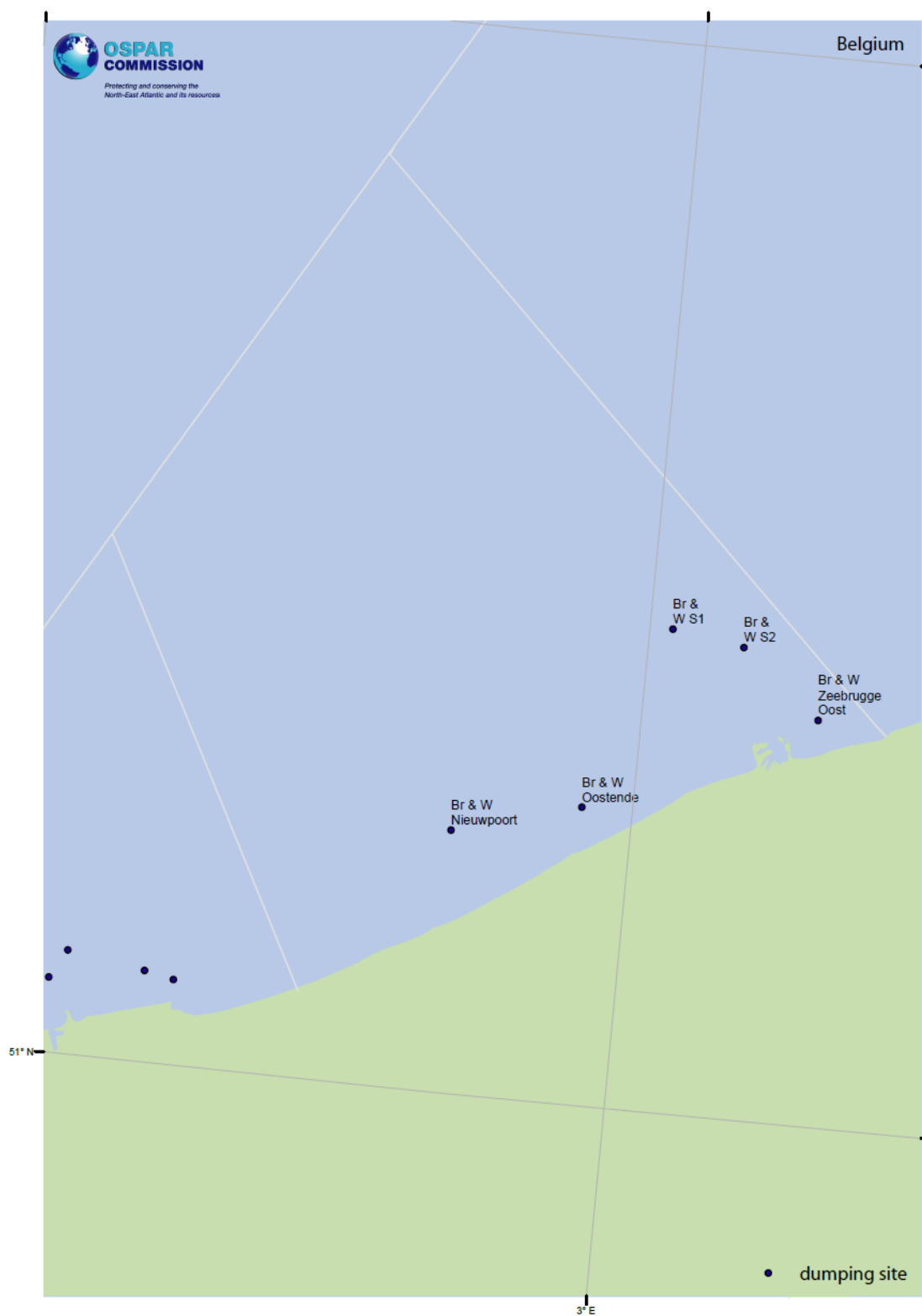
4/ France is listed in this table due to the location where the spoilt cargo in question had been dumped.

## APPENDIX

**Map 1 Dumping sites in the OSPAR region in 2012**

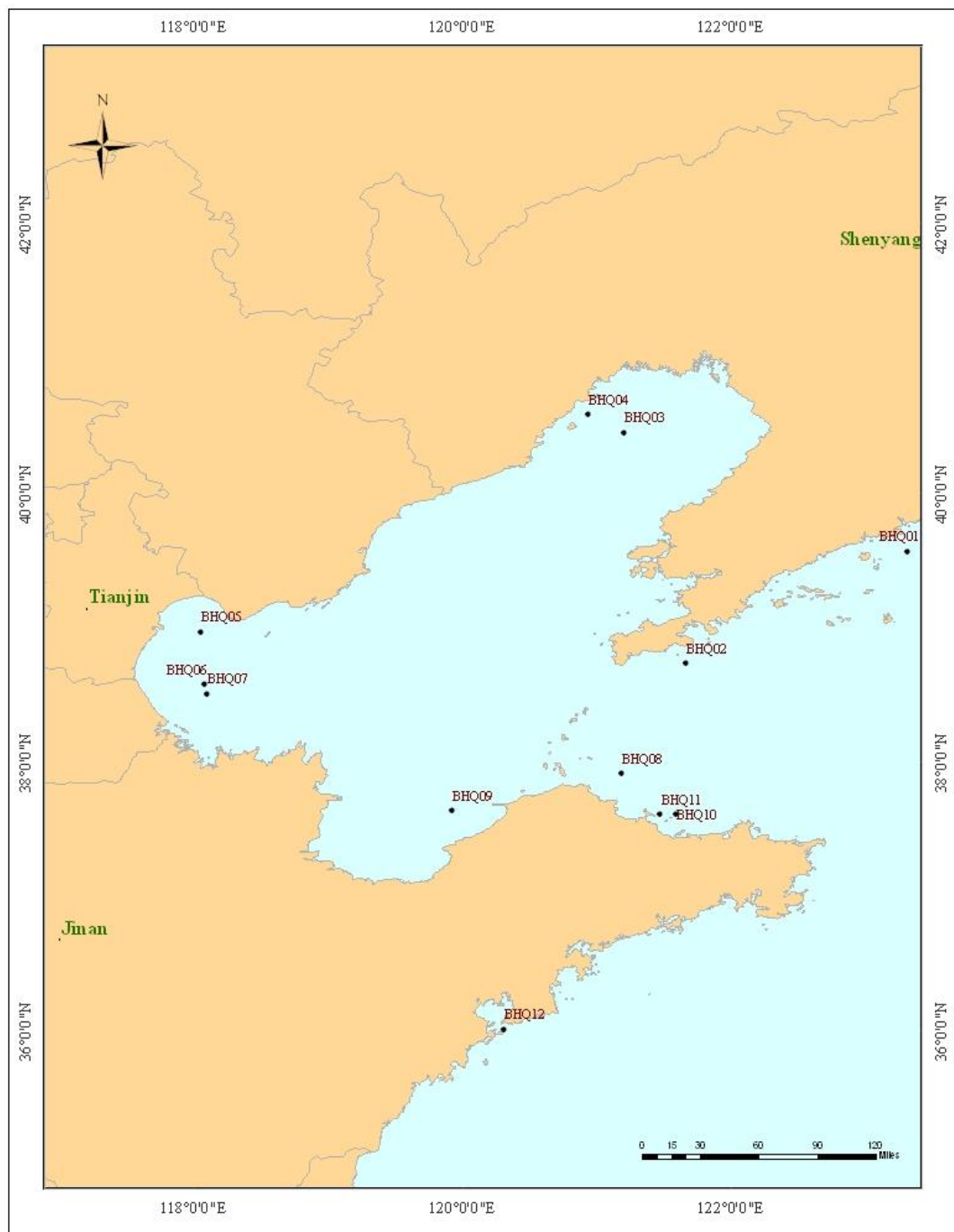


**Map 2 Dumping sites in Belgium in 2012**





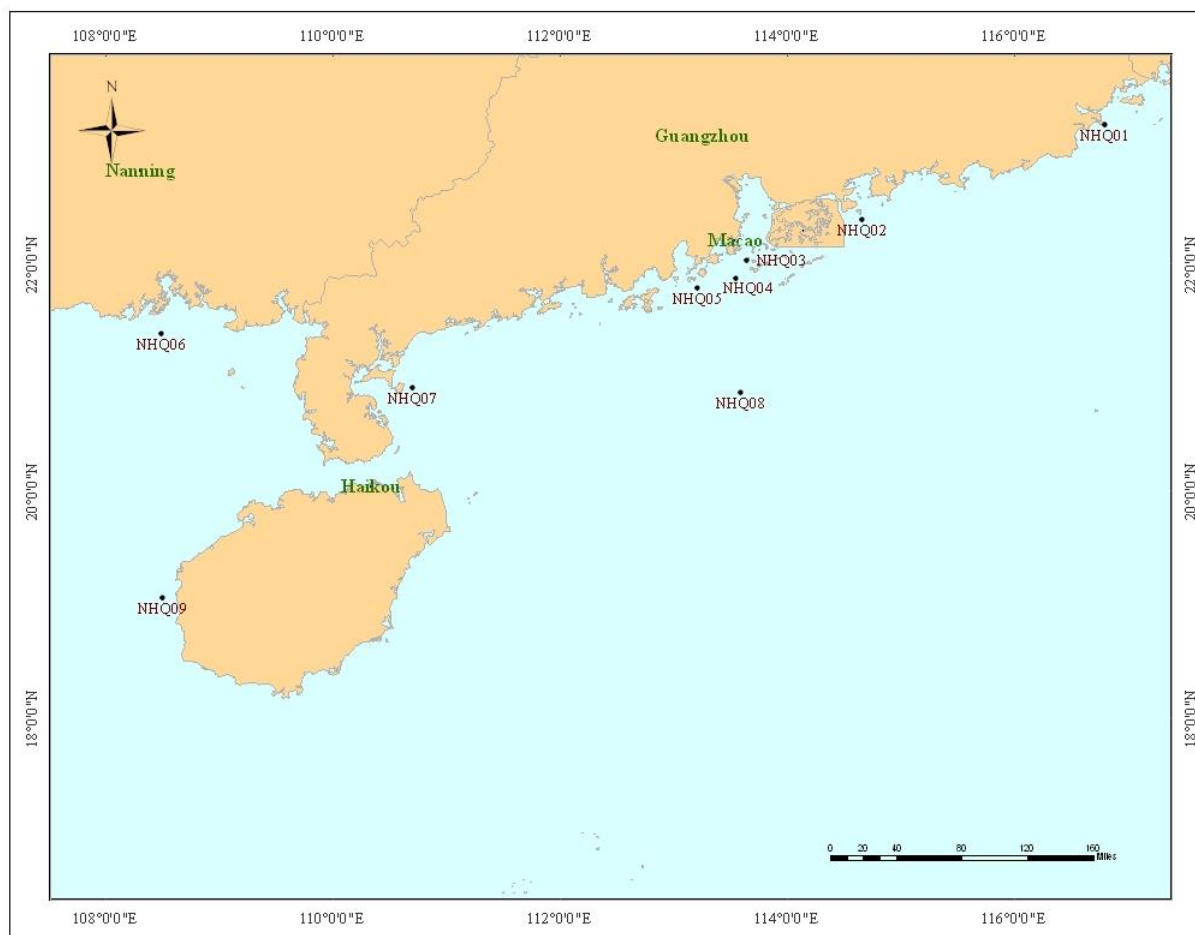
### Map 3 Dumping sites in China in 2012



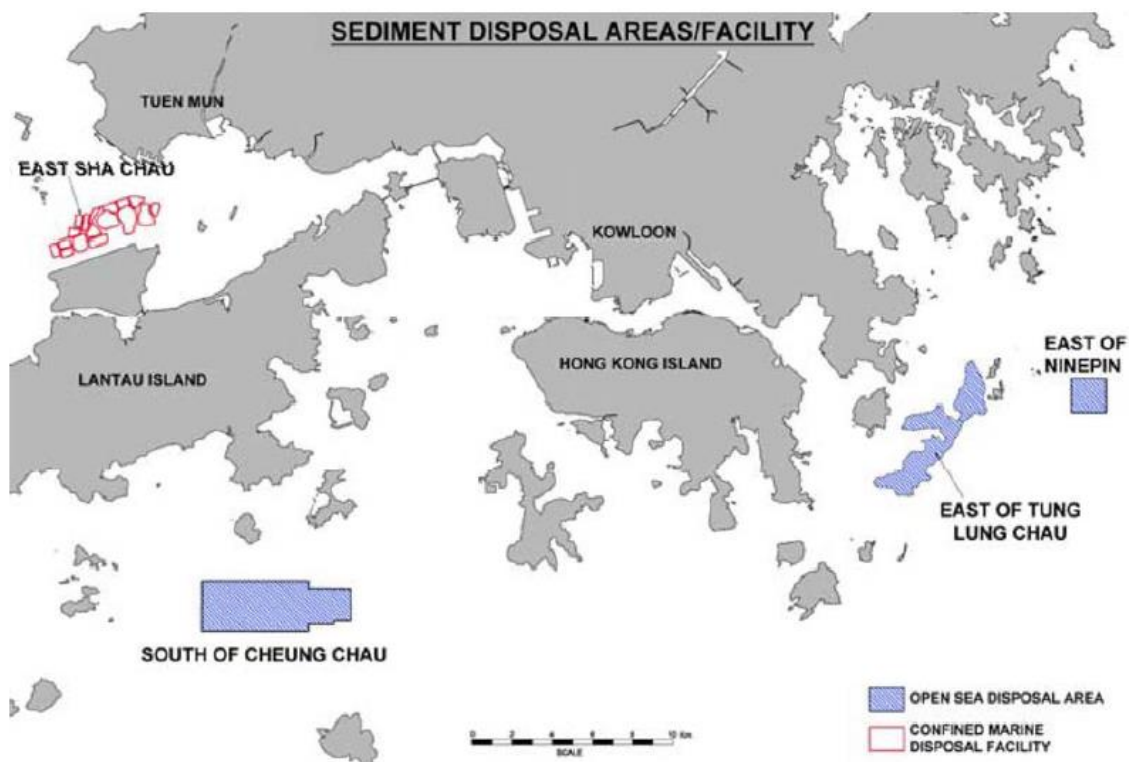
Dumping sites monitored in Bohai Sea & Yellow Sea in 2012



Dumping sites monitored in East China Sea in 2012



Dumping sites monitored in South China Sea in 2012



Sediment disposal areas/facility, Hong Kong, China

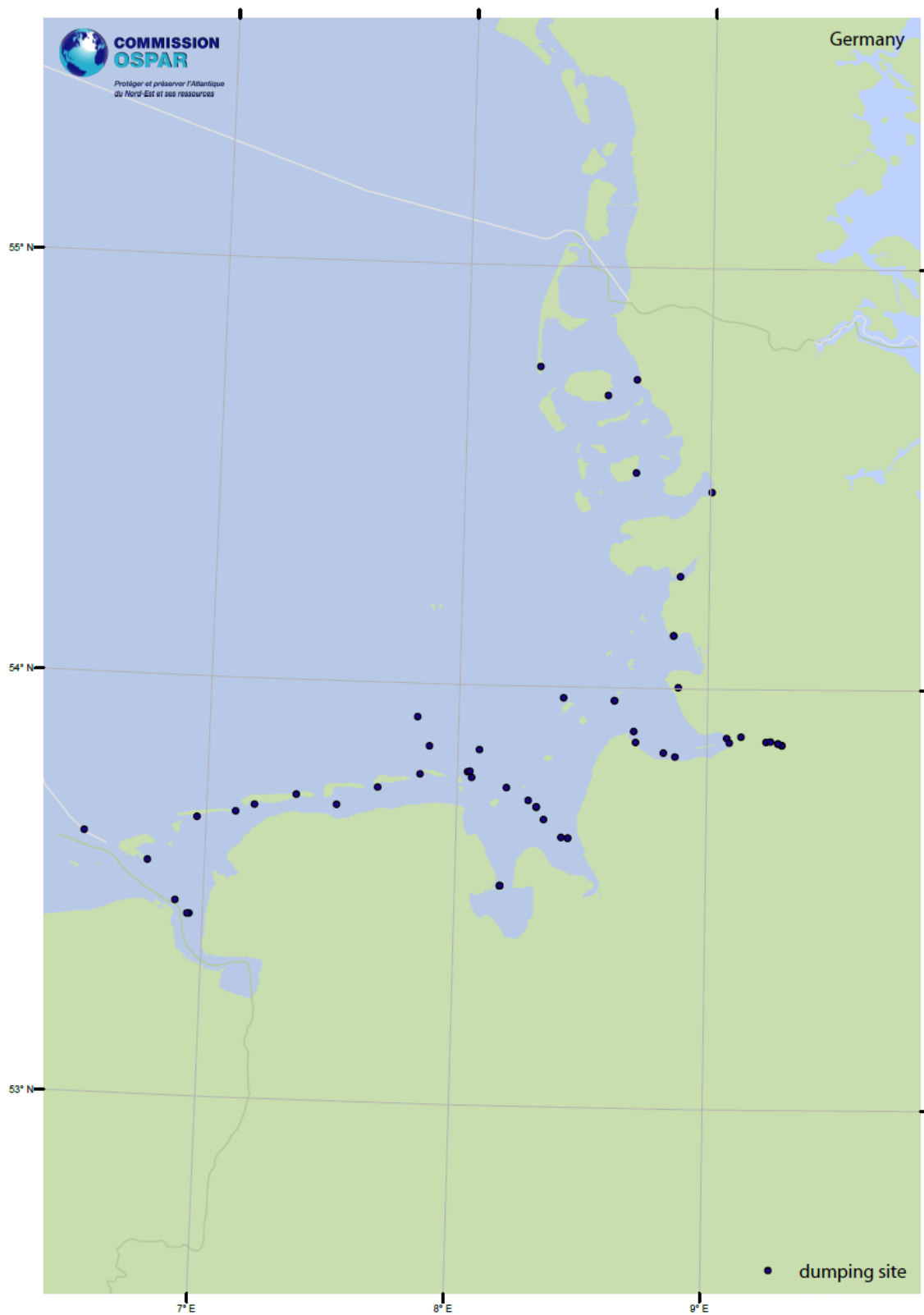
Map 4 Dumping sites in Denmark in 2012



Map 5 Dumping sites in France in 2012



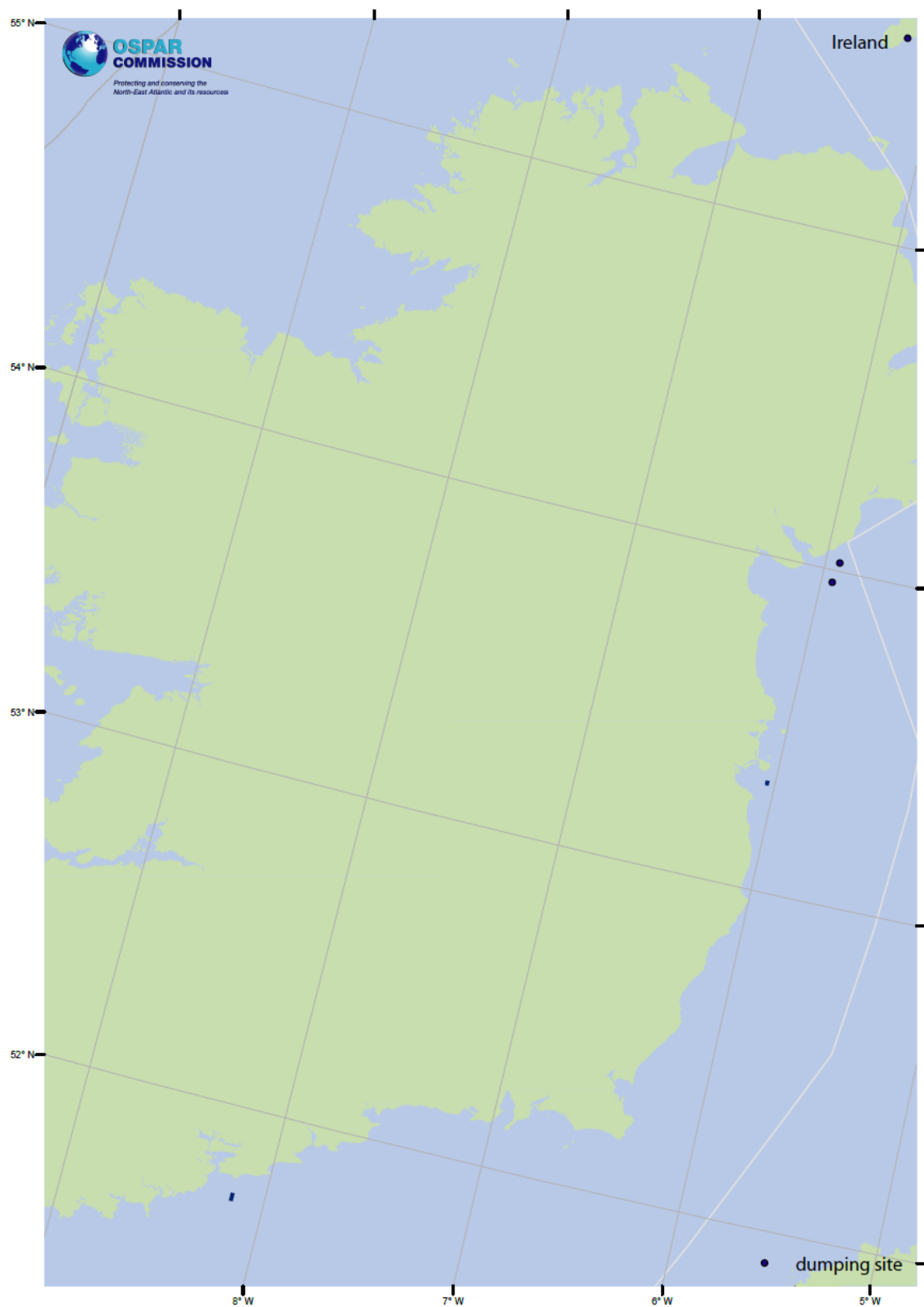
**Map 6 Dumping sites in Germany in 2012**



**Map 7 Dumping sites in Iceland in 2012**

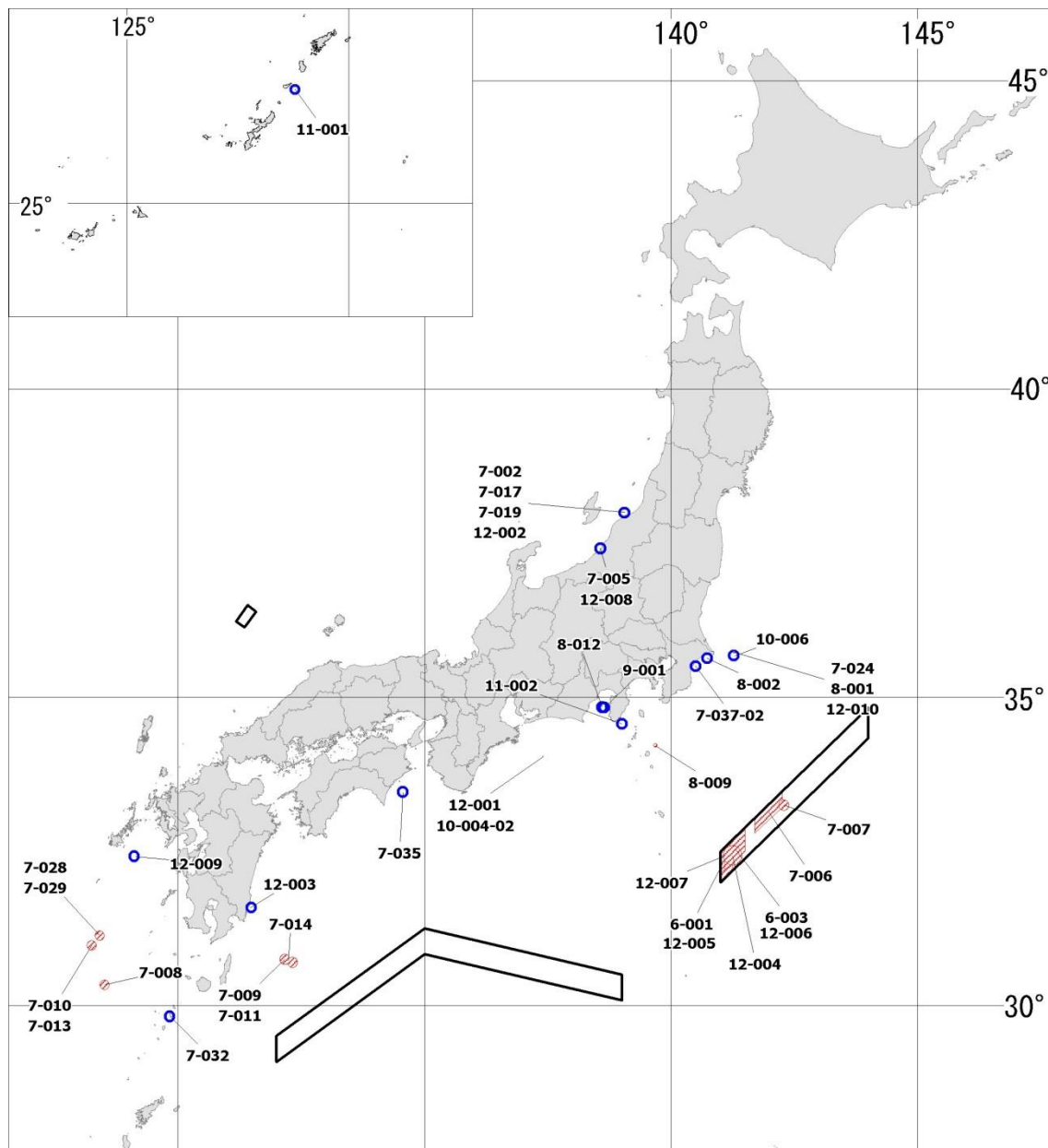


**Map 8 Dumping sites in Ireland in 2012**

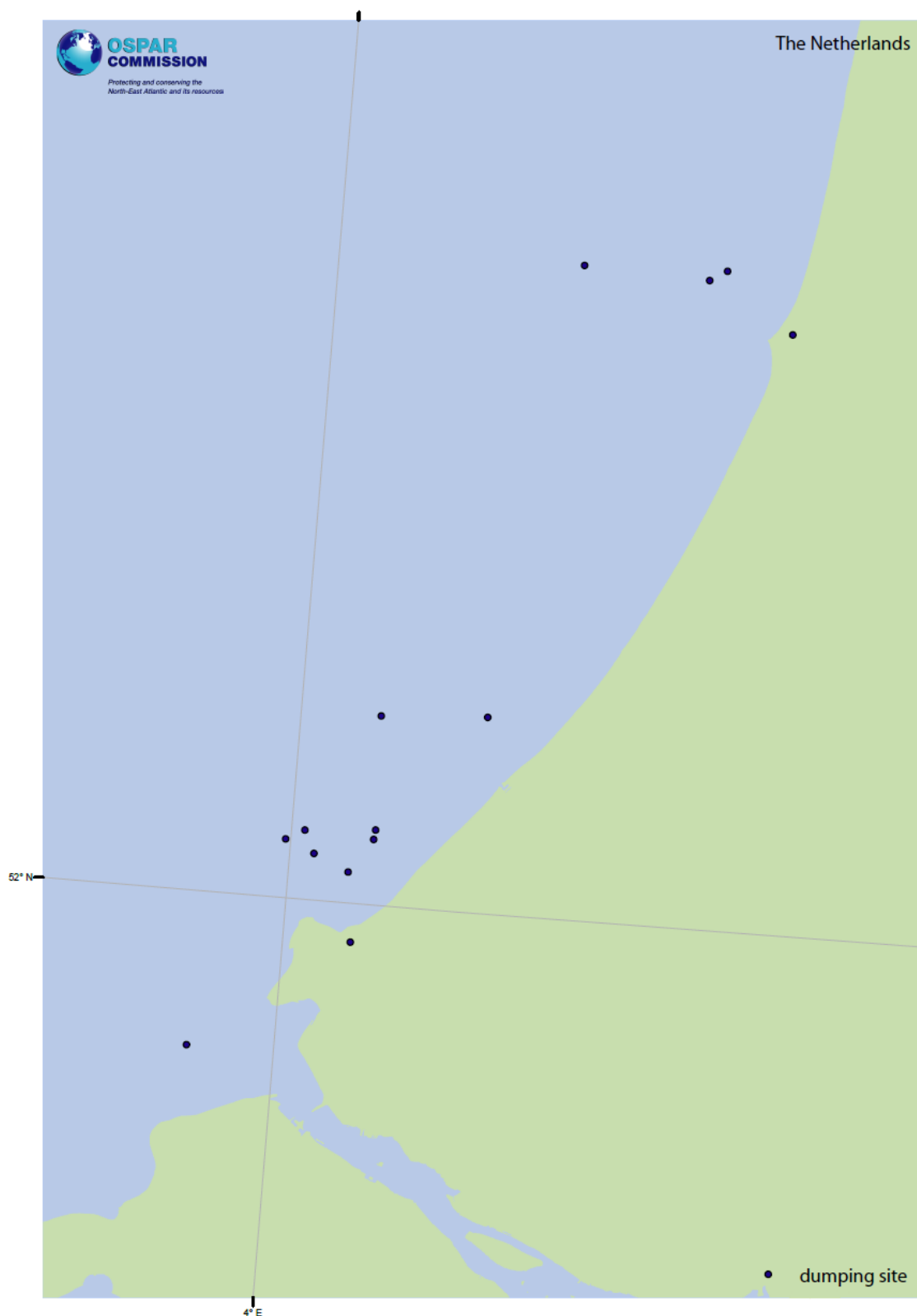




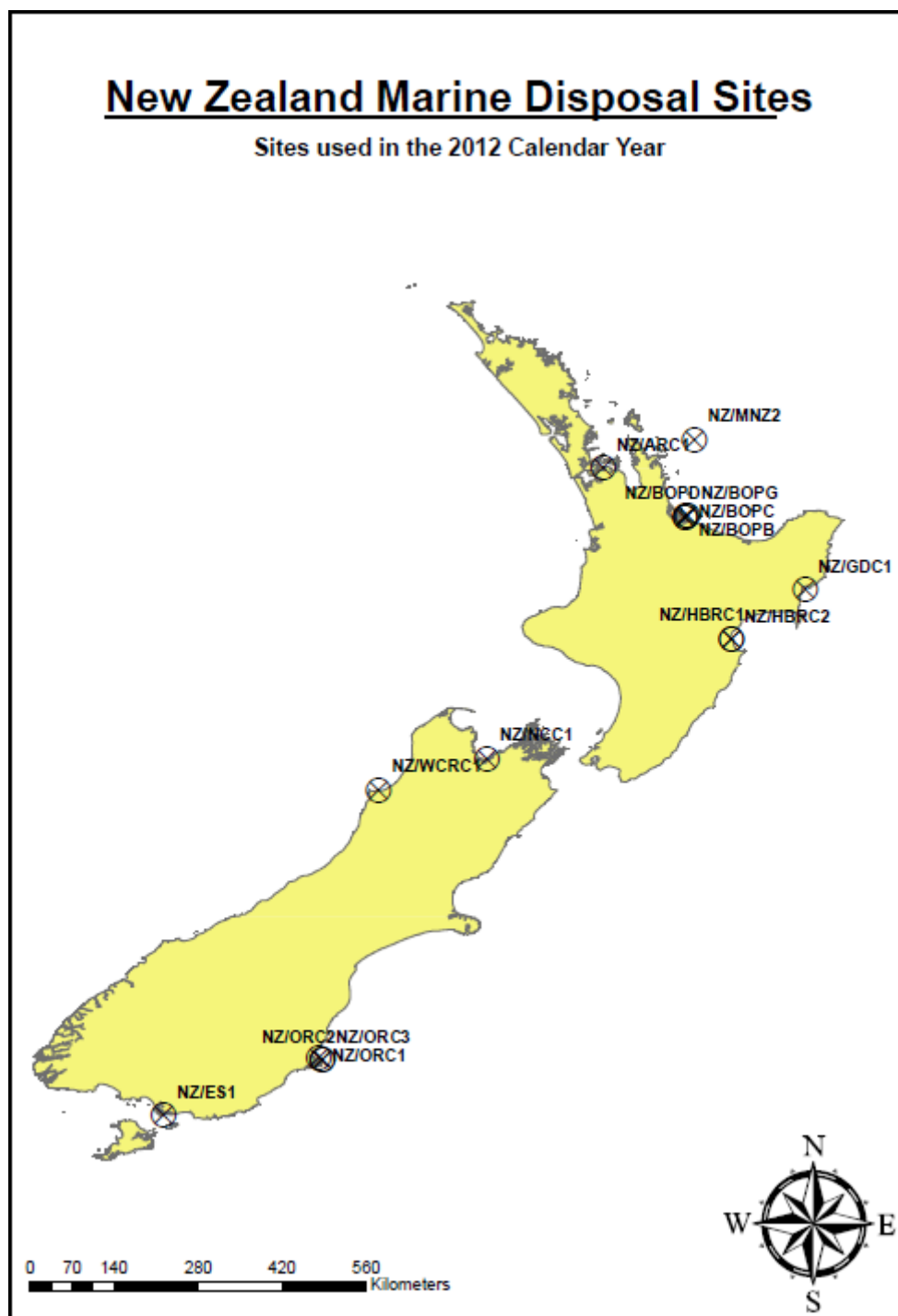
**Map 9 Dumping sites in Japan in 2012**



**Map 10 Dumping sites in the Netherlands in 2012**



Map 11 Dumping sites in New Zealand in 2012



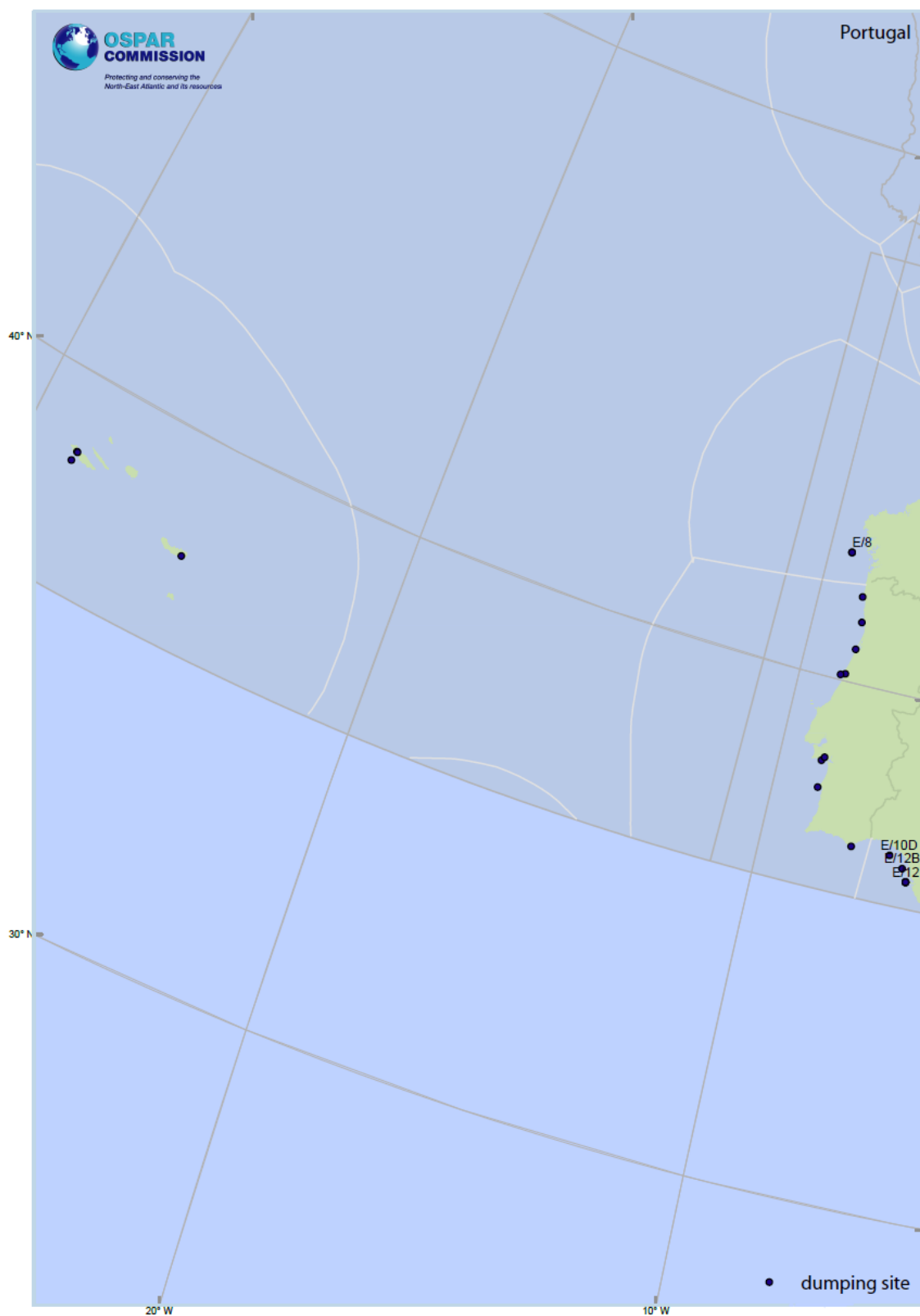
**Map 12 Dumping sites in Norway in 2012**



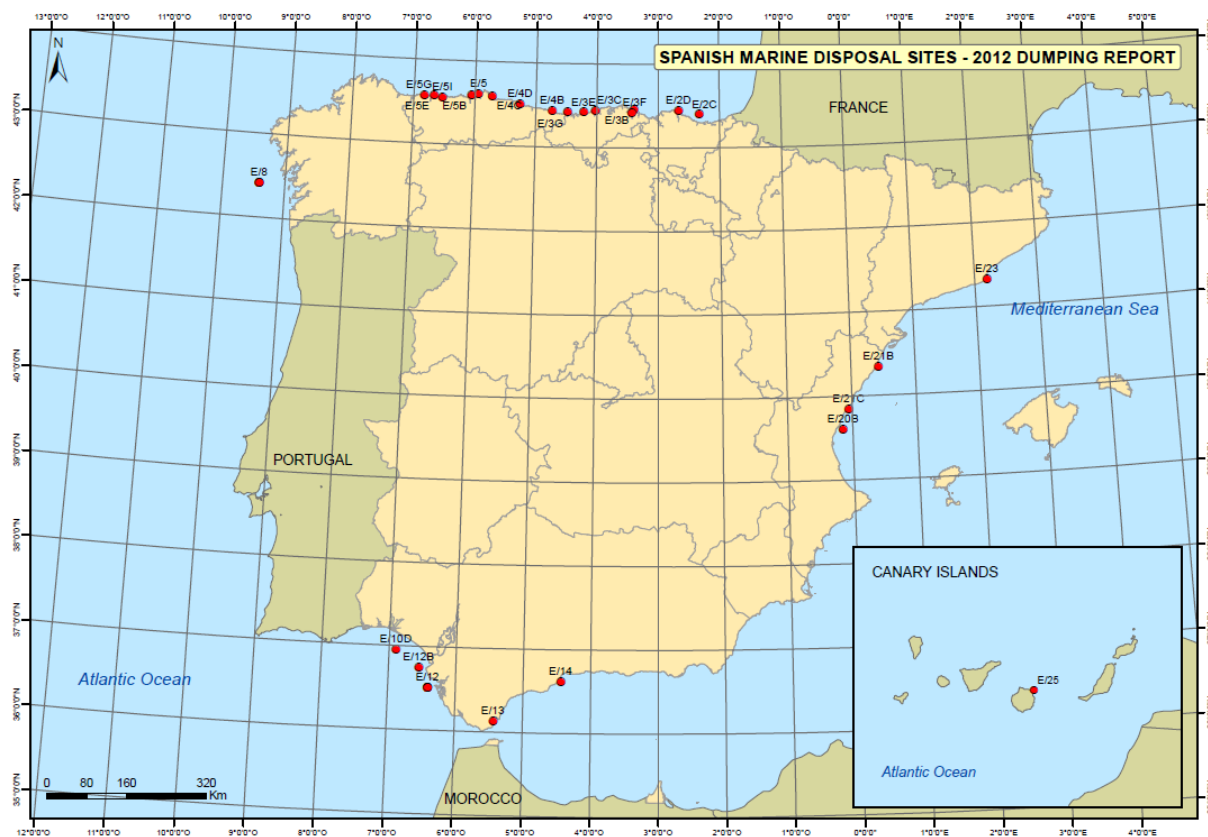
**Map 13 Dumping sites in Poland in 2012**



**Map 14 Dumping sites in Portugal in 2012**



**Map 15 Dumping sites in Spain in 2012**

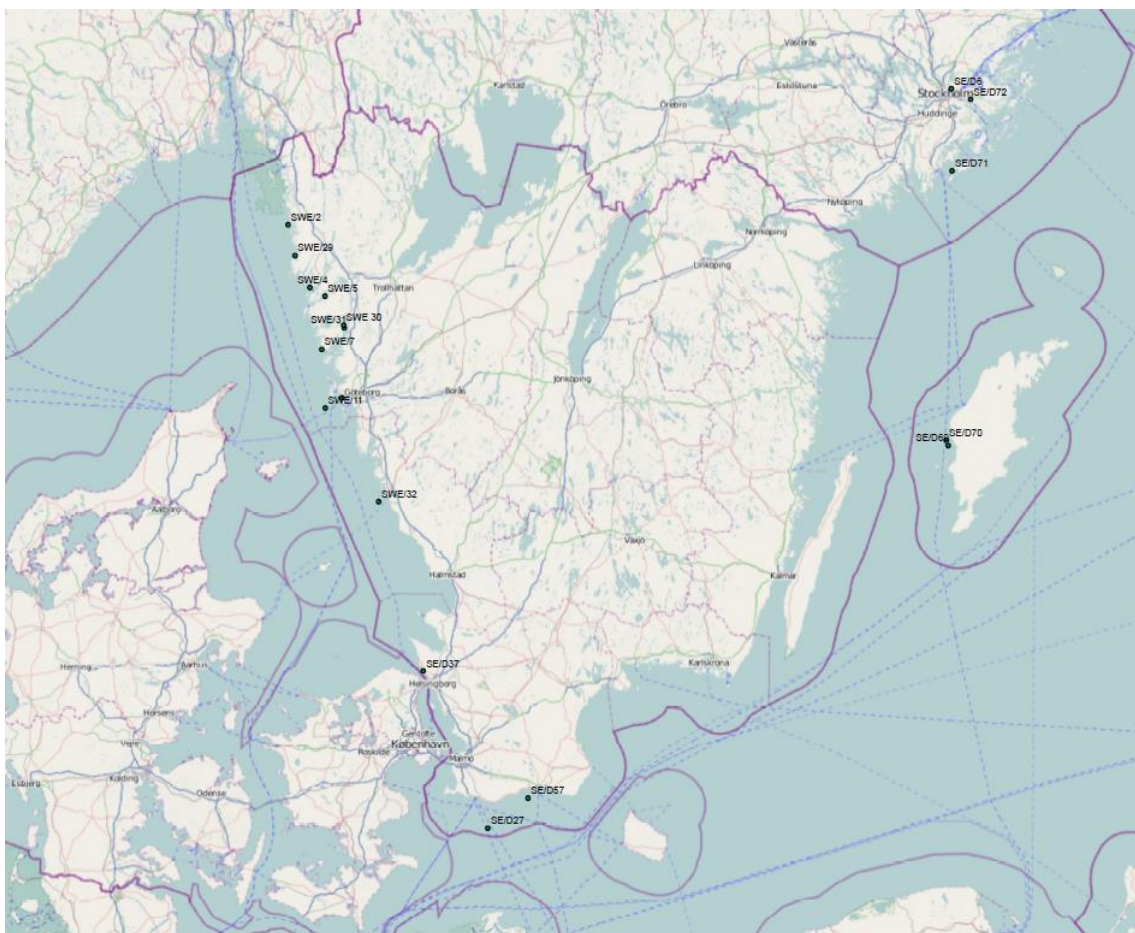


**Map 16 Dumping sites in Sweden in 2012**



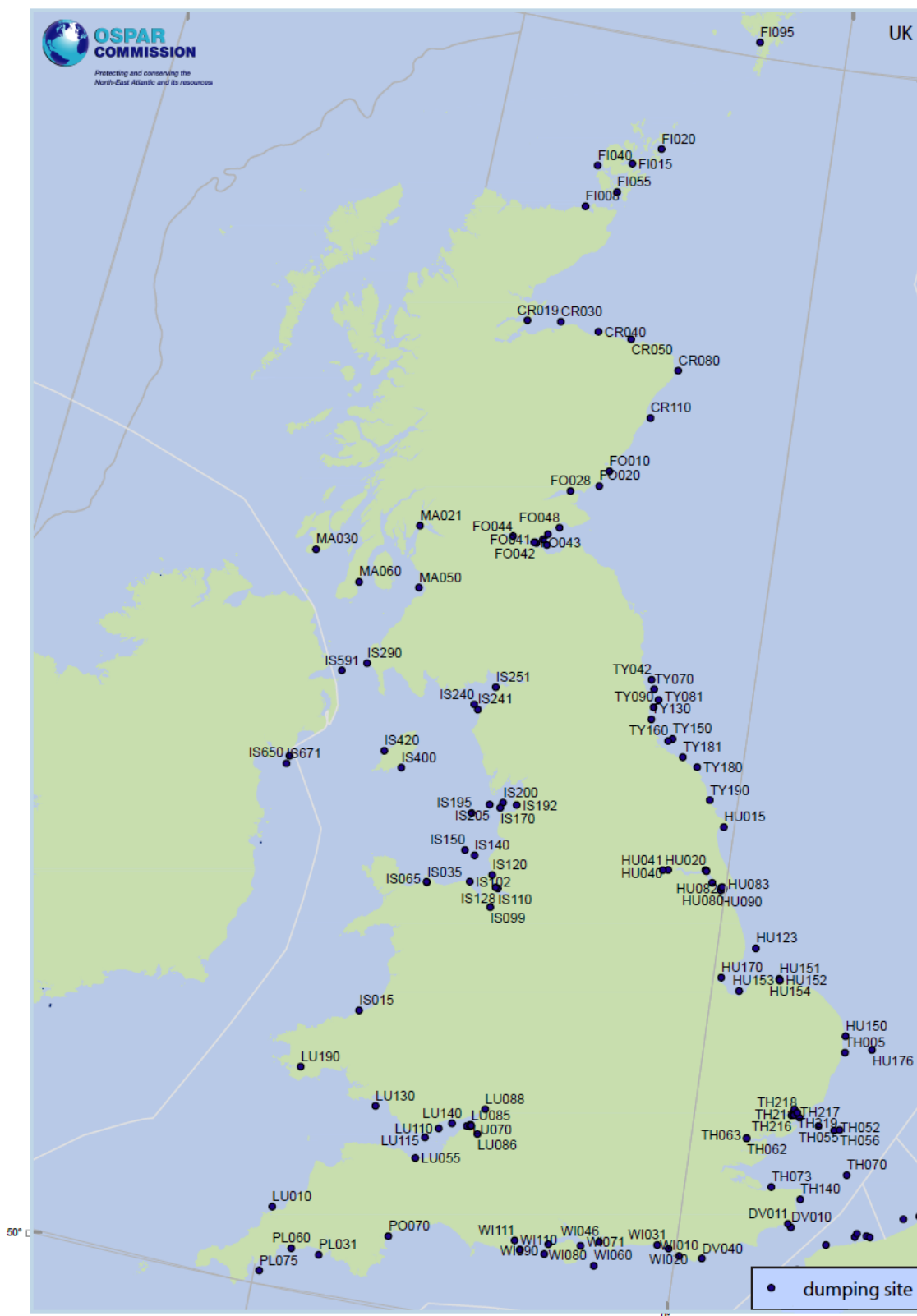
Dumping sites used in Gulf of Bothnia





Dumping sites used in Skagerrak, Kattegat, the Sound and Baltic proper

**Map 17 Dumping sites in the United Kingdom in 2012**





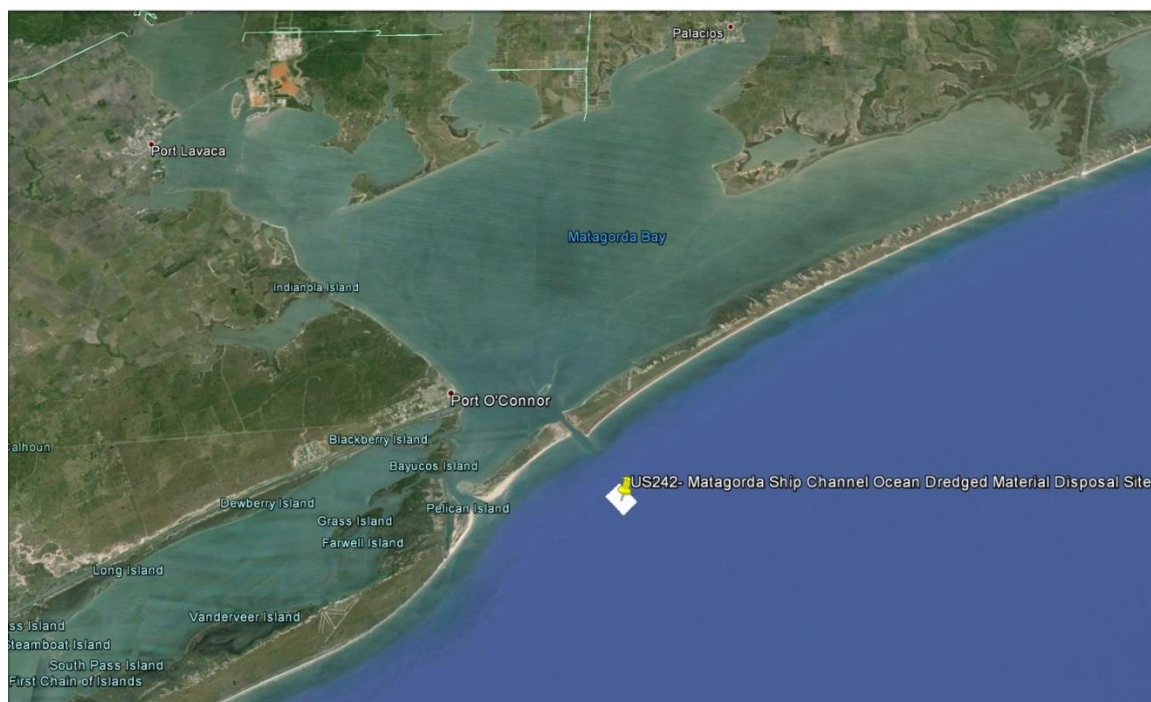
## Map 18 Dumping sites in the United States in 2012



Fish Waste Disposal Site off American Samoa (LC Code: US250)



Disposal Site for Vessel (Toad Hall) (LC Code: US260)



Matagorda Ship Channel Ocean Dredged Material Disposal Site