

4 ALBERT EMBANKMENT
LONDON SE1 7SR
Telephone: +44 (0)20 7735 7611 Fax: +44 (0)20 7587 3210

LC-LP.1/Circ.89
25 February 2019

**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 2015

- 1 A summary report on dumping activities of Contracting Parties covering the year 2015 is attached hereto.
- 2 This report, which is provided 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 2015, or where indicated, data on amounts actually dumped under permits issued in 2015 or in earlier years. Note that some of the actual dumping activities envisaged in the recorded permits may have taken place after 2015.
- 4 The permits in this report are categorized in accordance with Annex 1 to the London Protocol.
- 5 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.
- 6 In 2015 there were **87** States registered as Parties to the Convention and **46** States registered as Contracting Parties to the Protocol, **36** of which were also Party to the Convention. A total of **36** Parties provided reports on their dumping activities.
- 7 Contracting Parties are invited to take note of this report.

REPORT ON PERMITS ISSUED IN 2015

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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.

ANNEX 1

Table 1: Information on reports provided on activities in 2015

Received by the Secretariat as at 31st January 2019 - includes dumping activities in inland waters

COUNTRY	Number of Valid Permits	No Information Supplied	COUNTRY	Number of Permits	No Information Supplied
AFGHANISTAN		X	MARSHALL ISLANDS (8)	1	
ANGOLA (1)		X	MEXICO	19	
ANTIGUA/BARBUDA (4)		X	MONACO		X
ARGENTINA	NIL		MONTENEGRO		X
AUSTRALIA (10)	48	X	MOROCCO		X
AZERBAIJAN		X	NAURU		X
BARBADOS (5)	NIL		NETHERLANDS	9	
BELARUS		X	NEW ZEALAND	13	
BELGIUM	73		NIGERIA		X
BENIN		X	NORWAY	5	
BOLIVIA (PLURINATIONAL STATE OF)		X	OMAN		X
BRAZIL	29		PAKISTAN		X
BULGARIA		X	PANAMA	2	
CANADA (7)	75		PAPUA NEW GUINEA		X
CABO VERDE		X	PERU	3	
CHILE	2		PHILIPPINES	50	
CHINA	454		POLAND	22	
- HONG KONG, CHINA (3)	218		PORTUGAL	13	
COSTA RICA	2		REPUBLIC OF CONGO		X
COTE D'IVOIRE		X	REPUBLIC OF KOREA	9	
CROATIA		X	RUSSIAN FEDERATION		X
CUBA		X	SAINT KITTS AND NEVIS		X
CYPRUS		X	SAINT LUCIA		X
DEM. REP. CONGO		X	SAINT VINCENT AND THE GRENADINES		X
DENMARK	28		SAUDI ARABIA		X
DOMINICAN REP.		X	SERBIA (2)		X
EGYPT		X	SEYCHELLES		X
EQUATORIAL GUINEA		X	SIERRA LEONE		X
ESTONIA	3		SLOVENIA		X
FINLAND (6)	6		SOLOMON ISLANDS		X
FRANCE	83		SOUTH AFRICA	9	
GABON		X	SPAIN	23	X
GEORGIA		X	SURINAME		X
GERMANY	224		SWEDEN	19	
GHANA		X	SWITZERLAND		X
GREECE		X	SYRIAN ARAB REPUBLIC		X
GUATEMALA		X	TONGA		X
HAITI		X	TRINIDAD AND TOBAGO		X
HONDURAS		X	TUNISIA		X
HUNGARY		X	UKRAINE	NIL	
ICELAND	13		UNITED ARAB EMIRATES		X
IRAN		X	UNITED KINGDOM	101	
IRELAND	11		UNITED REPUBLIC OF TANZANIA		X
ITALY (9)	8		UNITED STATES	78	
JAMAICA		X	URUGUAY		X
JAPAN	23		VANUATU	NIL	
JORDAN		X	YEMEN		X
KENYA		X			
KIRIBATI		X			
LIBYA		X			
LUXEMBOURG		X			
MALTA		X			
			TOTAL	1,676	

Notes:

- (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 2015 there were 87 Parties to the Convention and 46 to the Protocol, 36 of who are also Party to the Convention (shaded)
- (5) NIL - Report submitted, no dumping permits issued
- (6) Fourteen additional operations regulated by other means
- (7) One permit notified as emergency under Article 8.2 on the London Protocol
- (8) Information or part thereof submitted by agent/surveyor/monitor
- (9) Includes multi year permits for years 2013-2017
- (10) Includes four new and 43 existing permits

Permits issued in 2015 for disposal at sea

Table 2.1 Information on permits issued in 2015 for disposal at sea in 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) ^{2/}					Location of site(s) ^{1/}
			Atlantic Ocean	North Sea	English Channel	Irish Sea	Other Areas	
BELGIUM	Dredged material Maintenance dredging	73		29,421,404				
DENMARK	Dredged material	28					1,938,460	North Sea, Kattegat, Skagerrak
ESTONIA	Dredged material Maintenance dredging	3					993,200	Baltic sea
GERMANY	Dredged material Maintenance dredging	224		39,882,370				
FINLAND	Dredged material Maintenance dredging Capital dredging	6					236,151 25,251	Gulf of Bothnia and Archipelago Gulf of Finland
FRANCE	Dredged material Maintenance dredging Capital dredging	72 5					24,186,539 138,704 25,406	North East Atlantic and North Sea Mediterranean Sea North East Atlantic and North Sea
ICELAND	Dredged material Maintenance dredging Capital dredging	10 3	1,098,373 15338					
IRELAND	Dredged material Maintenance dredging Capital dredging	10 1	635,358 8,660					
ITALY	Dredged material Maintenance dredging Capital dredging	4/ 7 1					41,465 78,000	Adriatic Sea Adriatic Sea
MARSHALL ISLANDS	Spoilt cargo Sodium Hydroxide and Styrene Monome ^{5/}			52				Mid North Atlantic
NETHERLANDS	Dredged material	9		27,501,706				
NORWAY	Dredged material Maintenance dredging Capital dredging	6/ 3 2			6,130 16,000			
POLAND	Dredged material Maintenance dredging	22					3,074,876	Baltic Sea
PORTUGAL	Dredged material Maintenance dredging	13	5,927,765					
SPAIN	Dredged material Maintenance dredging Capital dredging	14 1 3 5	989,933				91,641	Mediterranean Sea Mediterranean Sea
SWEDEN	Dredged material Maintenance dredging Capital dredging	3/ 17 2					87,527 29,195	Skagerrak, Kattegat, Baltic Sea, Skagerrak, Kattegat, Baltic Sea,
UNITED KINGDOM	Dredged material Maintenance dredging Capital dredging Fish waste Organic material of natural origin Seaweed	98 1 2		641,808 4,706,559	819,553 25,675	2,181,616 2,105,376 805	1,529,987 182,643 7,240	Humber, Bristol Channel, Malin Sea Malin 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/} Multi-year permits (2013-2014-2015, 2014-2015 and 2015-2016-2017).

^{5/} A cargo of sodium hydroxide was contaminated with styrene monomer residues from a previous cargo and a permit issued from dumping in the Mid North Atlantic in waters depths of 3,080 M.

^{6/} An additional 259,740 tonnes was licensed for land reclamation with no disposal.

Permits issued in 2015 for disposal at sea

Table 2.2 Information on permits issued in 2015 for disposal at sea in 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/}	3		842,426	368,384 535,241 1,479,201 920,725 837,883	Arafura Sea Bass Strait Coral Sea Western Pacific Gulf of Carpentaria
	Capital dredging	^{5/}	1		106,090	122,350	Coral Sea
	Sewage sludge	^{6/}			835 m ³	391,000 litres	Coral Sea
	Organic material of natural origin		2		1 burial	1 burial	Western Pacific
CHINA	Dredged material	^{3/}	454				
	Maintenance and capital dredging					25,343,449 120,337,430 31,323,447	Bohai Sea and Yellow Sea East China Sea South China Sea
Hong Kong, China	Dredged material	^{3/}	218				
	Maintenance and capital dredging			22,253,163			
JAPAN	Dredged material		19				
	Maintenance dredging					2,381,358	Western Pacific Ocean and adjacent waters
	Inert inorganic geological material		4			520,620	
NEW ZEALAND	Dredged material		4	1,583,561			
	Maintenance dredging		7	7,062,303			
	Capital dredging		1	52,650			
	Sewage Sludge						
	Vessel		1	98			
	Derelict vessel towed to the dump site and scuttled						
PHILIPPINES	Dredged material		39		44,300		
	Maintenance dredging						
	Organic material of natural origin		11		388,000		
REPUBLIC OF KOREA	Dredged material		3		577,500		
	Maintenance dredging		2		11,778		
	Fish waste		2		31,920		
	Sewage sludge		2		2,448		
	Organic material of natural origin						
SOUTH AFRICA	Dredged material	^{3/}	7		1,976,243		
	Maintenance dredging		1		85,216		
	Capital dredging	^{7/}	1		155		
	Vessel						

^{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 19 active permits in 2015.

^{5/} Making a total of 18 active permits in 2015.

^{6/} No new permits issues, but 6 active permits in 2015 for the dumping of treated sewage and grey water, volume provided in litres is estimated based on permitted volumes.

^{7/} A total of 13,000 tonnes dumped above that permitted.

Table 2.3 Information on permits issued in 2015 for disposal at sea in 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/}	29	73,766,813				
CANADA	Dredged material	36	771,747	2,596,599			
	Maintenance dredging						
	Capital dredging						
	Inert material	7	18,001	357,348			
	Undisturbed geological till						
	Fish waste						
CHILE	Dredged material	1		11,694			
	Maintenance dredging						
	Vessel	1		9,737			
COSTA RICA	Dredged material	1			7,527,604	Caribbean	
	Organic material of natural origin	1					
	Mining waste				2,197,159	Caribbean	
MEXICO	Dredged material	8		1,568,826			
	Maintenance dredging						
			7			14,537,900	Gulf of Mexico
	Vessel	3		1,481		1,300,000	Gulf of California
PERU	Dredged material	3		1,935,263			
PANAMA	Dredged material	1		632,450			
	Maintenance dredging						
	Capital dredging	1		848,900			
UNITED STATES	Dredged material	67					
	Maintenance dredging						
	Capital dredging	11				24,880,552	Atlantic Ocean, Gulf of Mexico,
	Vessel	1					Pacific Ocean

^{1/} Map figures, where appropriate, refer to maps in appendix and to dumpsite codes indicated (not included in draft).

^{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.

ANNEX 2

MAPS INDICATING SITES FOR DUMPING ACTIVITIES IN 2015

Map 1: Dumping sites in the OSPAR region 2015



Locations of sites used in 2015 for the dumping and placement of inert and dredged material in the OSPAR Area. Each site is represented by a point, not by its spatial extent (polygon). Larger scale maps can be found in annex 2 of the report listed below.

From: OSPAR annual report on dumping and placement of wastes or other matter at sea in 2015, available online at: <https://www.ospar.org/documents?v=37921>

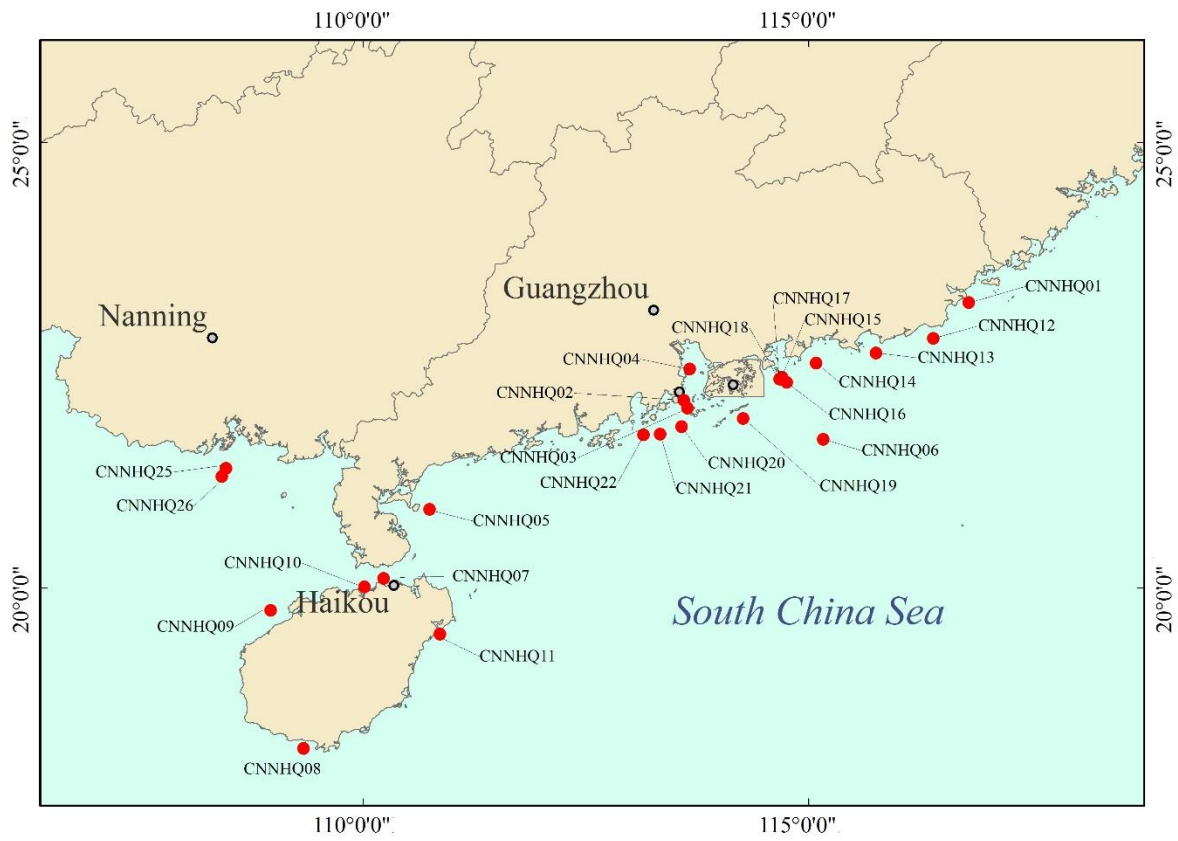
Map 2: Dumping sites in China 2015



Dumping sites in the Bohai Sea and Yellow Sea in 2015

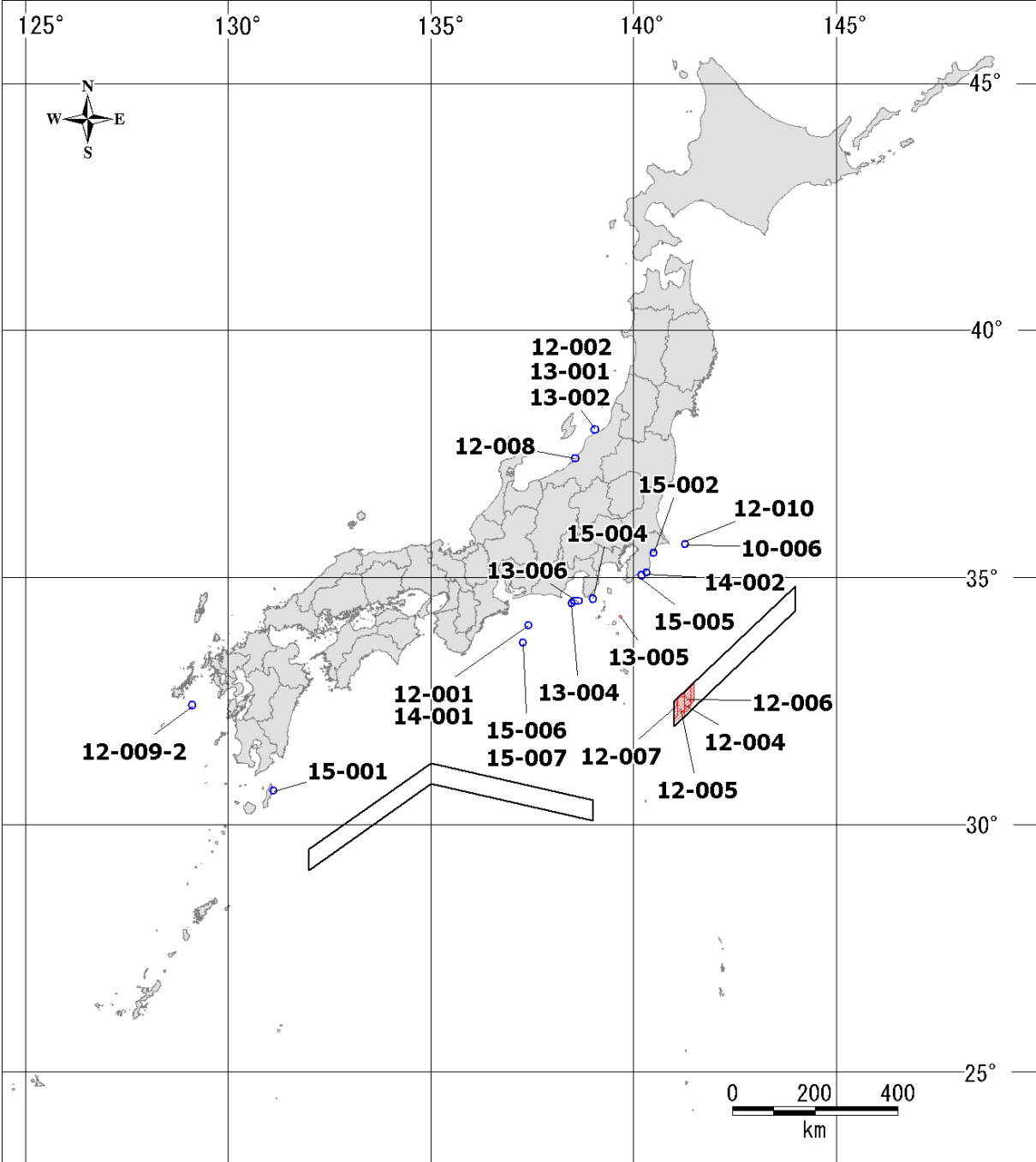


Dumping sites in the East China Sea in 2015



Dumping sites in the South China Sea in 2015

Map 3: Dumping sites in Japan 2015

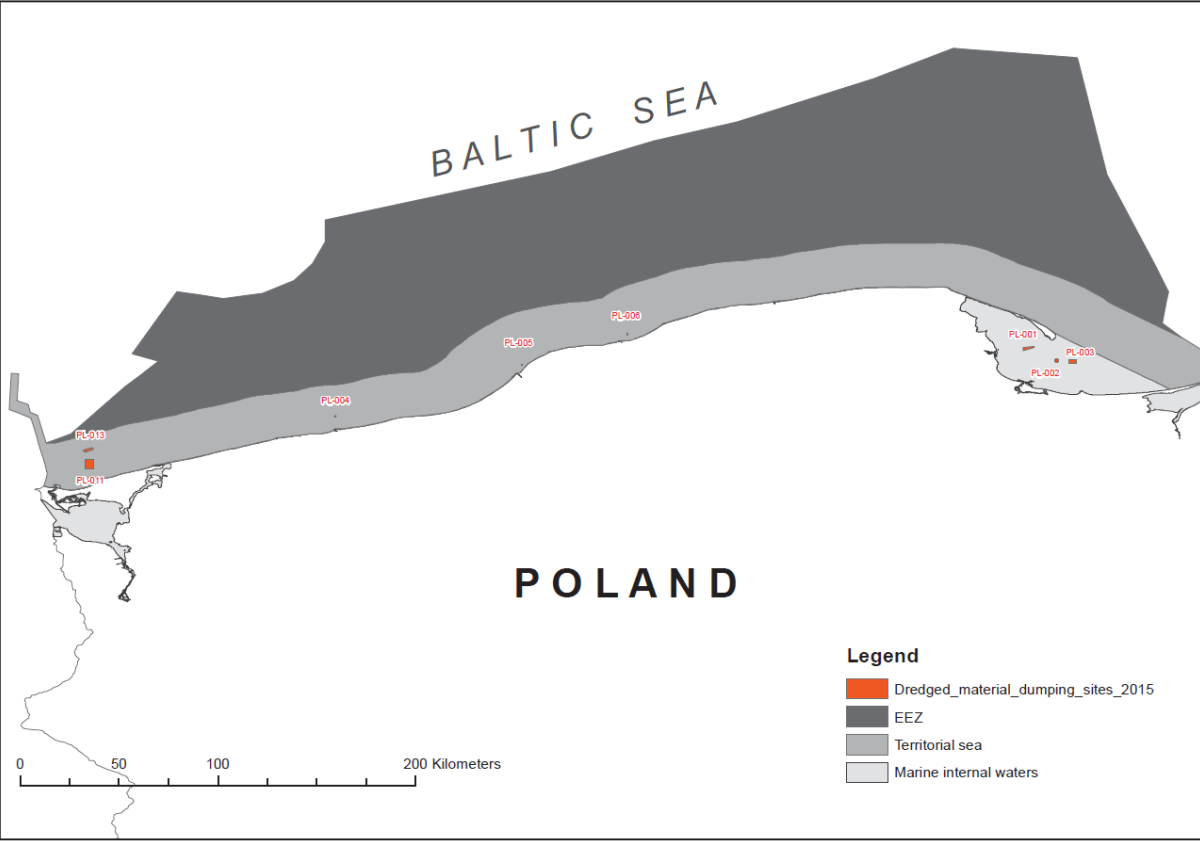


Map 4: Dumping sites in New Zealand 2015

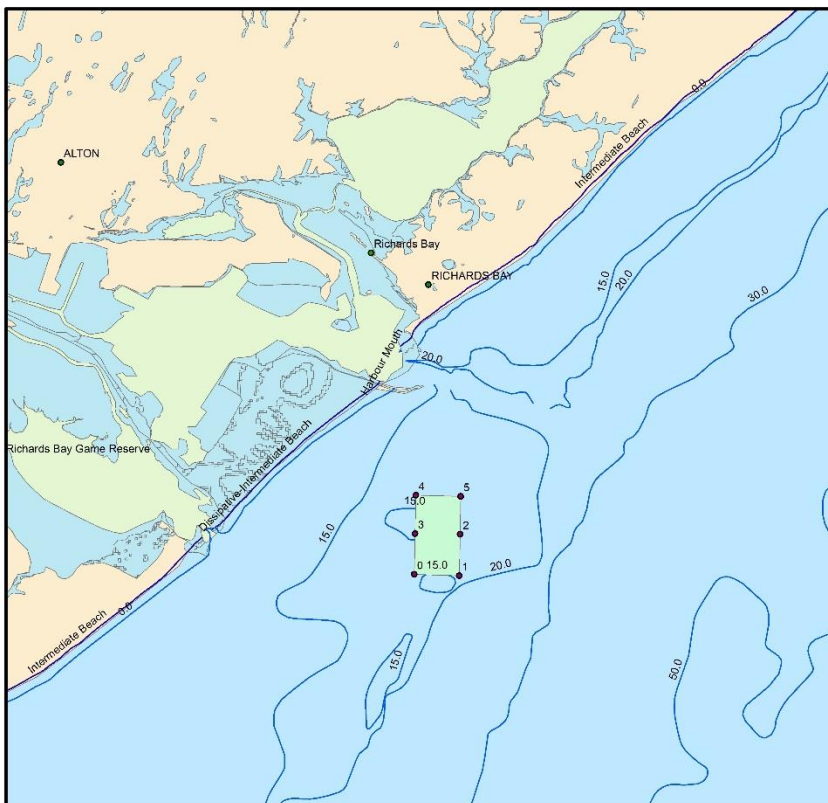
New Zealand Marine Disposal Sites



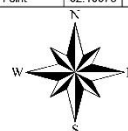
Map 5: Dumping sites in Poland 2015



Map 6: Dumping sites in South Africa 2015

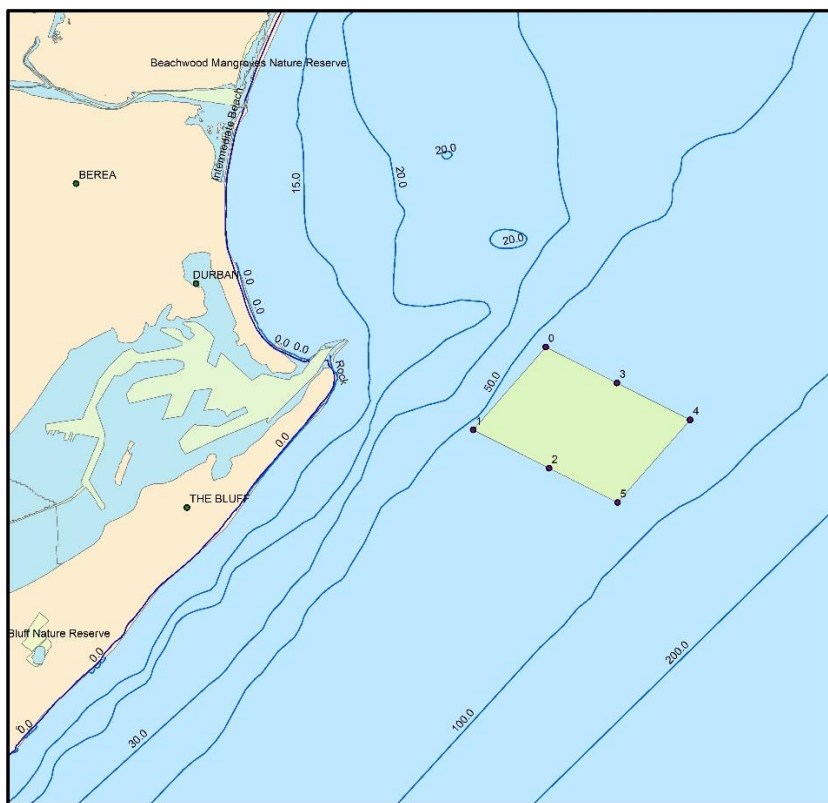
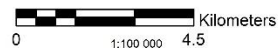


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4	Point	32.09651	-28.83921
5	Point	32.10673	-28.83946

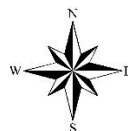


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- RB_SA_02_2014_Polygon



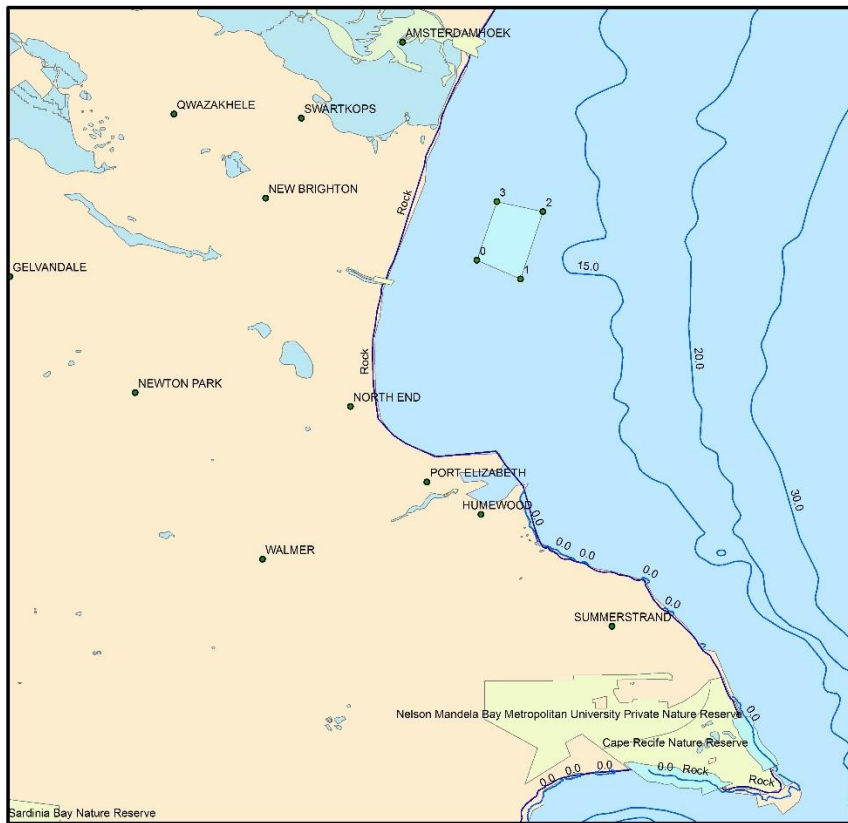
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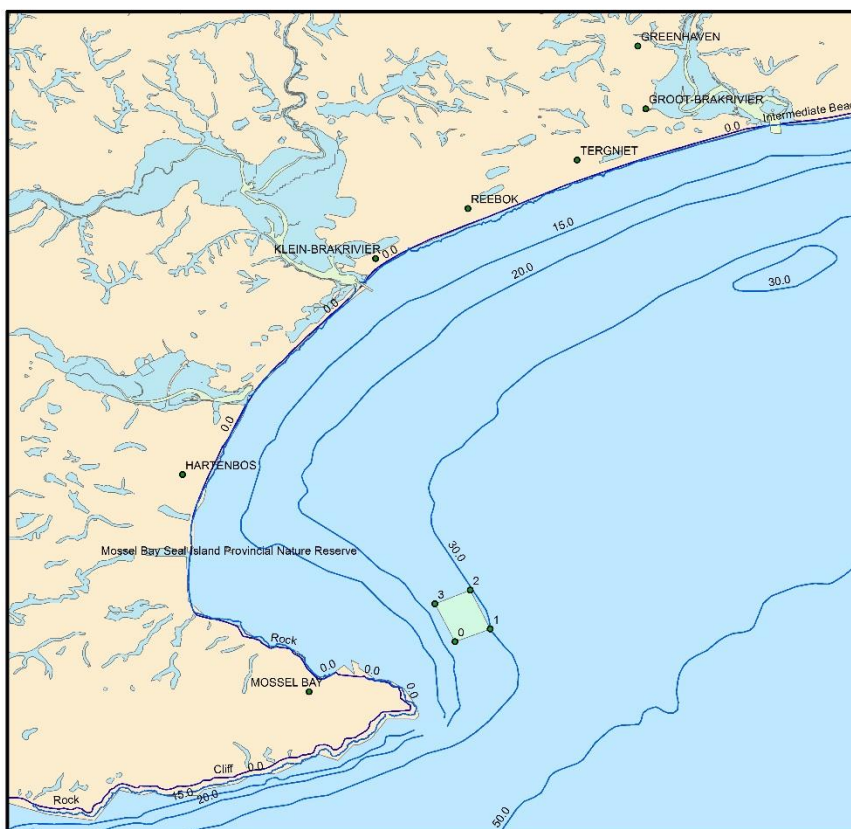
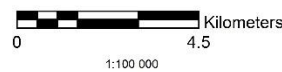


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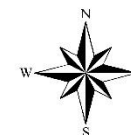


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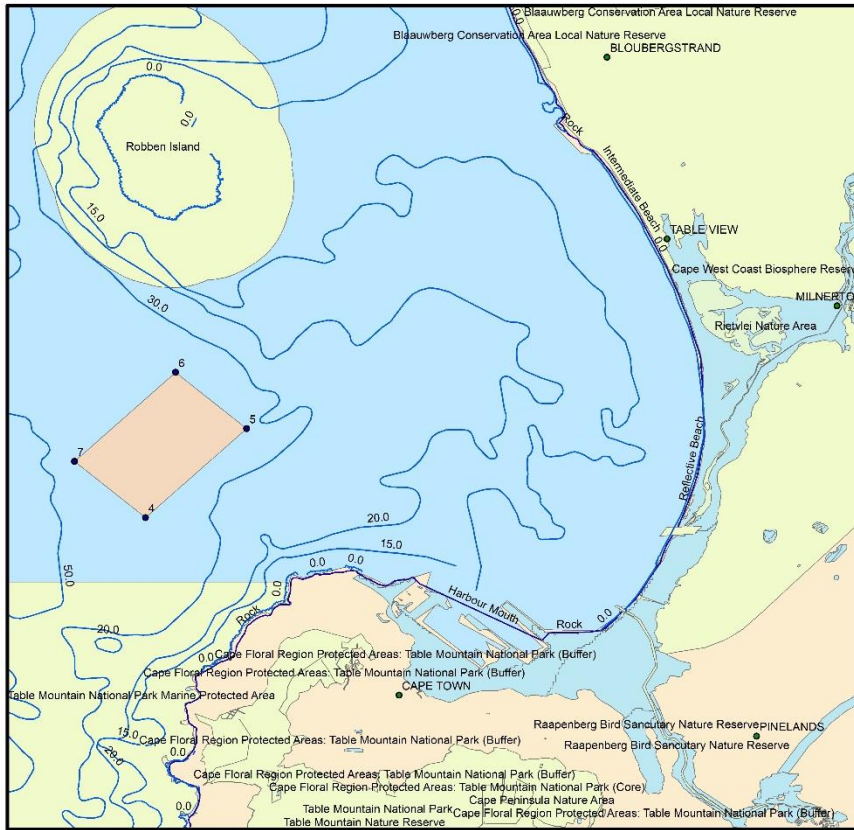
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- MO_SA_12_2014_Polygon



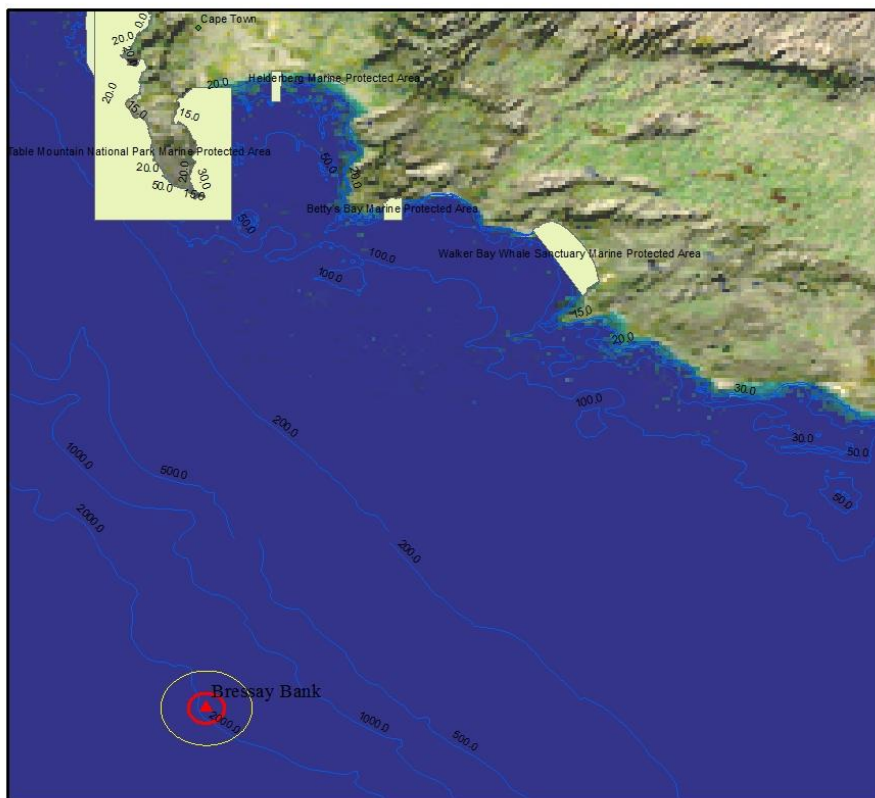


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Legend

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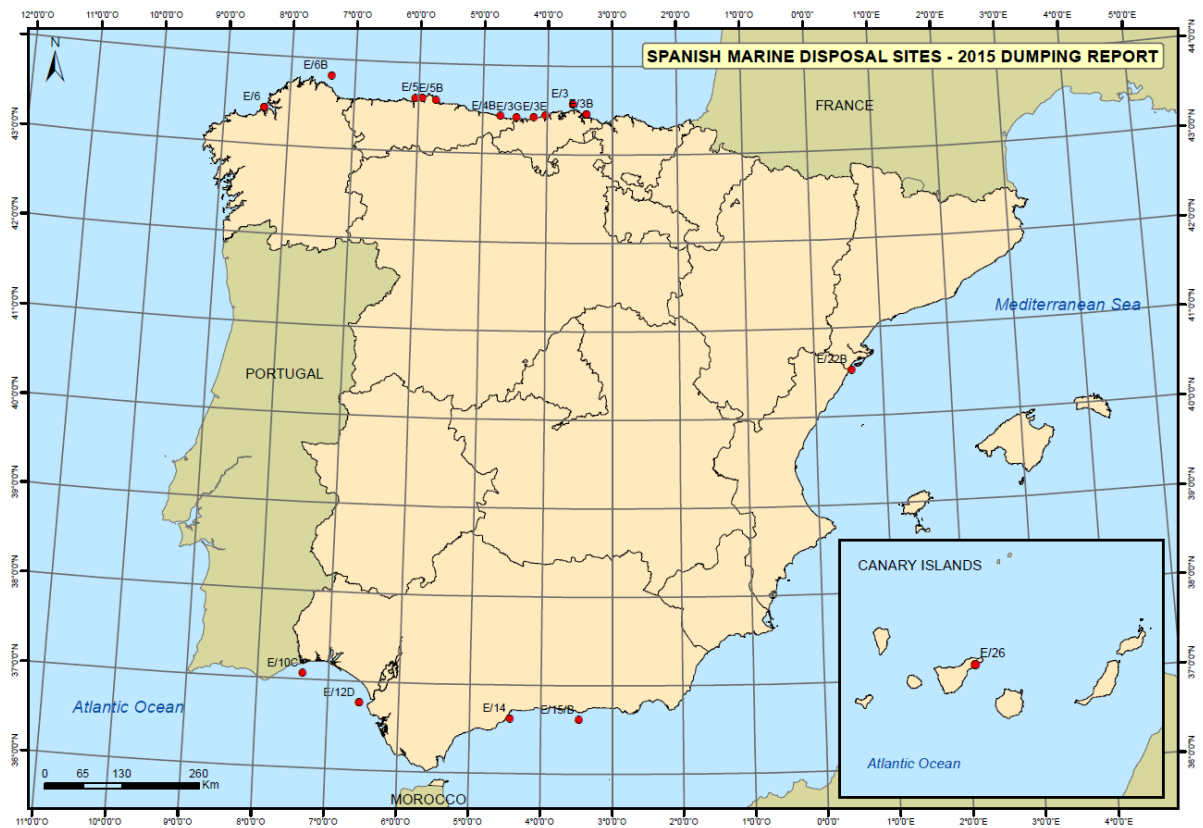


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Map 7: Dumping sites in Spain 2015



Map 8: Dumping sites in the United States 2015



Map of Disposal Site for Vessel (Cecilia) the disposal coordinates are 54.2038 and 166.9613
(LC Dump Site Code: US-268)