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Subject: Addendum to the Council Decision authorising the opening of negotiations on behalf of the European Union at the Thirty-First Meeting of the Contracting Parties on the amendments to the Agreement for Co-operation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances ('Bonn Agreement') with regard to the extension of the scope of application of the Agreement and with regard to the accession of the Kingdom of Spain to the Agreement

Draft Decision of the Contracting Parties to the Bonn Agreement on the extension of the scope of application of the Agreement with a view to improving cooperation on surveillance in respect of the requirements of Annex VI to the MARPOL Convention

The Contracting Parties to the 1983 Agreement for Cooperation in dealing with Pollution of the North Sea by Oil and Other Harmful Substances (“the Agreement”),

Recalling Article 16 of the Agreement, which provides that one or more Contracting Parties may propose amendments to the Agreement and that these may be adopted by unanimous vote at a meeting of the Contracting Parties,

With the intention of ensuring that the Depository Government receives notifications of approval from all Contracting Parties as quickly as possible to permit the swift entry into force of such amendments as set out in Article 16(2) of the Agreement,

Aiming to improve cooperation and coordination between the Contracting States in combating unlawful air emissions caused by shipping in order to limit the negative consequences of the combustion of marine fuels with high sulphur or nitrogen content for human health, biodiversity and the entire marine environment,

adopt the following decision by unanimous vote:

Paragraph 1 – Amendment of the title of the Agreement

The title of the Agreement shall be amended to read as follows:

“Agreement for Cooperation in Dealing with Pollution of the North Sea area by Oil and Other Harmful Substances including Air Pollution caused by Shipping”

Paragraph 2 – Amendment of the preamble of the Agreement

The preamble of the Agreement shall be amended to read as follows:

“The Governments of the Kingdom of Belgium, the Kingdom of Denmark, the Federal Republic of Germany, the French Republic, the Kingdom of the Netherlands, the Kingdom of Norway, the Kingdom of Sweden, the United Kingdom of Great Britain and Northern Ireland, the Republic of Ireland and the European Economic Community¹,

Recognising that pollution of the sea by oil and other harmful substances as well as air pollution caused by shipping in the North Sea area may threaten the marine environment, biodiversity, human health and the corresponding interests of coastal States,

Noting that such types of pollution have many sources and that casualties and other incidents at sea are of great concern,

Convinced that an ability to combat such types of pollution as well as active co-operation and mutual assistance among States are necessary for the protection of their coasts and related interests,

Welcoming the progress that has already been achieved within the framework of the Agreement for Co-operation in Dealing with Pollution of the North Sea by Oil, signed at Bonn on 9 June 1969,

Wishing to develop further mutual assistance and co-operation in monitoring and combating the different types of pollution,

Have agreed as follows:”

¹ Note of the depositary:

By dint of the Treaty of Maastricht, signed on 7 February 1992, the European Economic Community was renamed the European Community (EC) with effect from 1 November 1993. In accordance with Article 1 (3) of the Treaty on European Union, which entered into force on 1 December 2009, as amended by the Treaty of Lisbon, the European Union replaced and succeeded the European Community. Therefore, since 1 December 2009, the European Union has to be considered a Contracting Party to the Bonn Agreement and to all international treaties to which the European Community was a Contracting Party.

Paragraph 3 – Amendment of Article 1

Article 1 shall be amended to read as follows:

“Article 1

This Agreement shall apply within the North Sea area, as defined in Article 2:

- (1) whenever the presence or the prospective presence of oil or other harmful substances polluting or threatening to pollute the sea presents a grave and imminent danger to the coast or related interests of one or more Contracting Parties; or

whenever the presence or the prospective presence of emissions caused by shipping within the meaning of Annex VI to the MARPOL Convention polluting or threatening to pollute the marine environment contributes to the eutrophication of the sea and threatens the health of people who live on the coast or of living things in the sea; and

to surveillance conducted as an aid to detecting and combating pollution as set out in paragraphs 1 and 2 of this Article and to preventing violations of anti-pollution regulations.”

Paragraph 4 – Amendment of Article 5

Article 5 shall be amended to read as follows:

“Article 5

- (1) Whenever a Contracting Party is aware of a casualty or the presence of oil or other harmful substances including ship emissions in the North Sea area likely to constitute a serious threat to the coast or related interests of any other Contracting Party, it shall inform that Party without delay through its competent authority.

- (2) The Contracting Parties undertake to request the masters of all ships flying their flags and pilots of aircraft registered in their countries to report without delay through the channels which may be most practicable and adequate in the circumstances:

all casualties causing or likely to cause pollution of the marine environment;

the presence, nature and extent of oil or other harmful substances likely to constitute a serious threat to the coast or related interests of one or more Contracting Parties.

- (3) The Contracting Parties shall make use of a standard form for the reporting of pollution as required under paragraph 1 of this Article.”

Paragraph 5 – Amendment of Article 6

Article 6 shall be amended to read as follows:

“ARTICLE 6

- (1) For the sole purpose of this Agreement the North Sea area is divided into the zones described in the Annex to this Agreement.
- (2) The Contracting Party within whose zone a situation of the kind described in Article 1 paragraph 1 of this Agreement occurs, shall make the necessary assessments of the nature and extent of any casualty or, as the case may be, of the type and approximate quantity of oil or other harmful substances and the direction and speed of movement thereof.
- (3) The Contracting Party concerned shall immediately inform all the other Contracting Parties through their competent authorities of its assessments and of any action which it has taken to deal with the oil or other harmful substances and shall keep these substances under observation as long as they are present in its zone.
- (4) The obligations of the Contracting Parties under the provisions of this Article with respect to the zones of joint responsibility shall be the subject of special technical arrangements to be concluded between the Parties concerned. These arrangements shall be communicated to the other Contracting Parties.

Paragraph 6 – Amendment of Article 15

Article 15 shall be amended to read as follows:

“ARTICLE 15

- (1) The Contracting Parties shall make provision for the performance of secretariat duties in relation to this Agreement, taking into account existing arrangements in the framework of other international agreements on the prevention of pollution of the marine environment in force for the same region as this Agreement.
- (2) Each Contracting Party shall contribute 2.5 % towards the annual expenditure of the Agreement. The balance of the Agreement's expenditure shall be divided among Contracting Parties other than the European Economic Community in proportion to their gross national product in accordance with the scale of assessment adopted regularly by the United Nations General Assembly. In no case shall the contribution of a Contracting Party to this balance exceed 20 % of the balance.”

Paragraph 7 – Entry into force

This decision shall enter into force on the first day of the second month following the date on which the Depository Government has received notifications of approval from all Contracting Parties.

**Draft Decision by the Contracting Parties to the Bonn Agreement with regard to the
Accession of the Kingdom of Spain to the Agreement**

The Contracting Parties to the Agreement for Co-operation in Dealing with Pollution of the North Sea by Oil and Other Harmful Substances (“the Agreement”),

RECALLING Article 20 of the Agreement, which provides that the Contracting Parties may unanimously invite any other coastal State of the North East Atlantic area to accede to the Agreement, and that in such a case Article 2 of the Agreement and its Annex shall be amended as necessary,

HAVING EXPRESSED their unanimous intention to invite Spain to accede to the Agreement,

WELCOMING the wish of Spain to accede to the Agreement,

decide by unanimous vote that

Paragraph 1 - Invitation to Spain in accordance with Article 20

In accordance with Article 20, the Contracting Parties unanimously invite Spain to accede to the Bonn Agreement. With regard to this invitation, the following amendments to Article 2 and the Annex to this Agreement are adopted.

Paragraph 2 - Amendment of Article 2

Article 2 of the Agreement shall be amended so that it reads as follows:

“Article 2

For the purpose of this Agreement, the North Sea area means the area of sea comprising:

the North Sea proper, southwards of latitude 61°0'00.00" N,

the Skagerrak, the southern limit of which is determined east of the Skaw by the latitude 57°44'43.00" N,

the Bay of Biscay, bounded on the south and west by the line defined in Part I of the Annex to this Agreement,

the other waters, comprising the Irish Sea, the Celtic Sea, the Malin Sea, the Great Minch, the Little Minch, part of the Norwegian Sea, and parts of the North East Atlantic, bounded on the west and north by the line defined in Part II of the Annex to this Agreement.”

Paragraph 3 - Amendment of the Annex to the Agreement

The Annex to the Agreement shall be amended so that it reads as set out in the appendix to this decision.

Paragraph 4 - Entry into force

The amendments contained in this decision shall enter into force on the first day of the second month following the date of deposit by Spain of its instrument of accession to the Agreement.

**“ANNEX TO THE AGREEMENT FOR COOPERATION IN DEALING WITH
POLLUTION OF THE NORTH SEA BY OIL AND OTHER HARMFUL
SUBSTANCES,
1983**

**Description of the Atlantic boundary of the North Sea area and of the zones referred to in
Article 6 of this Agreement**

THE ATLANTIC BOUNDARY OF THE NORTH SEA AREA

PART I: THE LINE BOUNDING THE BONN AGREEMENT AREA TO THE SOUTH AND SOUTHWEST

The line bounding the English Channel and its approaches to the southwest and the Bay of Biscay to the south and west shall be a line which:

- (i) commences at the western point of the coast of Spain $42^{\circ} 30' 04.25''$ N $8^{\circ} 52' 18.22''$ W;
- (ii) from that point, then follows the loxodromic line until the point $42^{\circ} 30' 04.32''$ N $10^{\circ} 24' 55.16''$ W;
- (iii) from that point, then follows the loxodromic line until the point $46^{\circ} 00' 04.07''$ N $10^{\circ} 24' 54.86''$ W;
- (iv) from that point, then follows the loxodromic line until the point $46^{\circ} 00' 04.06''$ N $9^{\circ} 59' 54.88''$ W;

- (v) from that point, then follows the line until the intersection between the parallel of latitude $48^{\circ} 27' 00.00''$ N and the line (hereafter referred to as "the 1983 Bonn Agreement line") drawn 50 nautical miles west of a line joining the isle of Ushant and the Isles of Scilly;
- (vi) from that point of intersection, then follows the 1983 Bonn Agreement line northwards as far as its intersection with the line marking the boundary of the continental shelf between France and the United Kingdom, as defined in the arbitration decision of 30 June 1977;
- (vii) from that point of intersection, then follows the line of that boundary westwards as far as the point $48^{\circ} 10' 00.00''$ N $9^{\circ} 22' 15.91''$ W; and
- (viii) from that point, then follows the parallel of latitude $48^{\circ} 10' 00.00''$ N westwards as far as the point $48^{\circ} 10' 00.00''$ N $10^{\circ} 0' 00.00''$ W.

**PART II: THE LINE BOUNDING TO THE WEST AND NORTH OF THE OTHER WATERS COVERED BY
THE AGREEMENT**

The line bounding to the west and north of the other waters covered by the Agreement, comprising the Irish Sea, the Celtic Sea, the Malin Sea, the Great Minch, the Little Minch, part of the Norwegian sea and parts of the North East Atlantic, shall be a line which

- (i) commences at the point $48^{\circ} 10' 00.00''$ N $0^{\circ} 00' 00.00''$ W;
- (ii) from that point, then follows the western boundary of the Irish sea pollution responsibility zone (that is, a line which is at every point 200 nautical miles distant from the nearest point on the baselines established for the purposes of the Maritime Jurisdiction Acts, 1959 to 1988, of Ireland) as far as the point $56^{\circ} 42' 00.00''$ N $14^{\circ} 00' 00.00''$ W;

- (iii) from that point, then follows the western boundary of the zone established by the Merchant Shipping (Prevention of Pollution) (Limits) Regulations 1996 of the United Kingdom, as amended by the Merchant Shipping (Prevention of Pollution) (Limits) Regulations 1997 (that is, the lines joining the points listed in Table 1 below in the order in which they are listed) as far as the point 63°38'10.68" N 0°30'00.00" W; and
- (iv) from that point follows the parallel of latitude 63°38'10.68" N eastwards to the coast of Norway.

TABLE 1: Points and lines of the Western Boundary of the Zone established by The Merchant Shipping (Prevention of Pollution) (Limits) Regulations 1996 of the United Kingdom, as amended

Points as referred to in the United Kingdom Regulations, as amended, and their coordinates	Line segment between these points
27. 56° 42' 00.00" N 14° 0' 00.00" W	27-28 Meridian of Longitude
28. 56° 49' 00.00" N 14° 0' 00.00" W	28-29 Parallel of Latitude
29. 56° 49' 00.00" N 14° 30' 34.00" W	29-30 Arc measured 200 nautical miles from the relevant basepoints on St. Kilda from which the breadth of the territorial sea is measured
30. 57° 52' 22.00" N 14° 53' 22.00" W	30-31 Arc measured 200 nautical miles from the relevant basepoints on St. Kilda from which the breadth of the territorial sea is measured
31. 58°30' 00.00" N 14° 48' 58.00" W	31-32 Arc measured 200 nautical miles from the relevant basepoints on St. Kilda from which the breadth of the territorial sea is measured
32. 59° 0' 00.00" N 14° 35' 07.00" W	32-33 Arc measured 200 nautical miles from the relevant basepoints on St. Kilda from which the breadth of the territorial sea is measured

33. 59° 40' 54.00" N 13° 58' 10.00" W	33-34 Arc measured 200 nautical miles from the relevant basepoints on St. Kilda from which the breadth of the territorial sea is measured
34. 59° 50' 00.00" N 13° 46' 24.00" W	34-35 Parallel of Latitude
35. 59° 50' 00.00" N 5° 0' 00.00" W	35-36 Meridian of Longitude
36. 60° 10' 00.00" N 5° 0' 00.00" W	36-37 Parallel of Latitude
37. 60° 10' 00.00" N 4° 48' 00.00" W	37-38 Meridian of Longitude
38. 60° 20' 00.00" N 4° 48' 00.00" W	38-39 Parallel of Latitude
39. 60° 20' 00.00" N 4° 24' 00.00" W	39-40 Meridian of Longitude
40. 60° 40' 00.00" N 4° 24' 00.00" W	40-41 Parallel of Latitude
41. 60° 40' 00.00" N 4° 0' 00.00" W	41-42 Meridian of Longitude
42. 61° 0' 00.00" N 4° 0' 00.00" W	42-43 Parallel of Latitude
43. 61° 0' 00.00" N 3° 36' 00.00" W	43-44 Meridian of Longitude
44. 61° 30' 00.00" N 3° 36' 00.00" W	44-45 Parallel of Latitude
45. 61° 30' 00.00" N 3° 0' 00.00" W	45-46 Meridian of Longitude
46. 61° 45' 00.00" N 3° 0' 00.00" W	46-47 Parallel of Latitude
47. 61° 45' 00.00" N 2° 48' 00.00" W	47-48 Meridian of Longitude
48. 62° 0' 00.00" N 2° 48' 00.00" W	48-49 Parallel of Latitude

49.	62° 0' 00.00" N 2° 0' 00.00" W	49-50 Meridian of Longitude
50.	62° 30' 00.00" N 2° 0' 00.00" W	50-51 Parallel of Latitude
51.	62° 30' 00.00" N 1° 36' 00.00" W	51-52 Meridian of Longitude
52.	62° 40' 00.00" N 1° 36' 00.00" W	52-53 Parallel of Latitude
53.	62° 40' 00.00" N 1° 0' 00.00" W	53-54 Meridian of Longitude
54.	63° 20' 00.00" N 1° 0' 00.00" W	54-55 Parallel of Latitude
55.	63° 20' 00.00" N 0° 30' 00.00" W	55-56 Meridian of Longitude
56.	63° 38' 10.68" N 0° 30' 00.00" W	

**BOUNDARIES OF ZONES OF RESPONSIBILITY REFERRED TO IN ARTICLE 6 OF
THIS AGREEMENT**

PART III: BOUNDARIES OF THE ZONES OF NATIONAL RESPONSIBILITY

- (1) **General:** Where the limits of a zone of responsibility are specified by a series of lines joining the points in a list, the nature of those lines shall be the nature specified against each point as the nature of the line joining it to the following point.
- (2) **Denmark:** The zone of national responsibility of Denmark shall be limited by the following series of lines:
- (a) a line which begins at the intersection of the boundary of the zone of joint responsibility of Denmark and Germany as described in Part IV below with a line between the point 55° 10' 03.40" N 7° 33' 09.60" E and the first point DE1/DK1 and follows this line until the point DE1/DK1;
- (b) a series of lines joining the following points in the order in which they are listed:

Points defining the boundary of the zone	Nature of the line joining a point to the following point	Other points with the same coordinates
DK1 55° 30' 40.30" N 5° 45' 00.00" E	Geodesic	DE1
DK2 55° 15' 00.00" N 5° 24' 12.00" O	Geodesic	DE2
DK3 55° 15' 00.00" N 5° 9' 00.00" O	Geodesic	DE3
DK4 55° 24' 15.00" N 4° 45' 00.00" O	Geodesic	DE4
DK5 55° 46' 21.80" N 4° 15' 00.00" E	Geodesic	DE5

DK6	55° 55' 09.40" N 3° 21' 00.00" E	Arc of Great Circle	DE6
DK7	56° 5' 12.00" N 3° 15' 00.00" E	Arc of Great Circle	UK23, NO23
DK8	56° 35' 30.00" N 5° 2' 00.00" E	Arc of Great Circle	NO24
DK9	57° 10' 30.00" N 6° 56' 12.00" E	Arc of Great Circle	NO25
DK10	57° 29' 54.00" N 7° 59' 00.00" E	Arc of Great Circle	NO26
DK11	57° 37' 06.00" N 8° 27' 30.00" E	Arc of Great Circle	NO27
DK12	57° 41' 48.00" N 8° 53' 18.00" E	Arc of Great Circle	NO28
DK13	57° 59' 18.00" N 9° 23' 00.00" E	Arc of Great Circle	NO29
DK14	58° 15' 41.20" N 10° 1' 48.10" E	Arc of Great Circle	NO30, SE4
DK15	58° 8' 00.10" N 10° 32' 32.80" E	Geodesic	SE3
DK16	57° 49' 00.60" N 11° 2' 55.60" E	Geodesic	SE2
DK17	57° 44' 43.00" N 11° 7' 04.00" E		SE1

(3) **Germany:** The zone of national responsibility of Germany shall be limited by the following series of lines:

- (a) a line which begins at the intersection of the boundary of the zone of joint responsibility of Denmark and Germany as described in Part IV below with a line between the point 55° 10' 03.40" N 7° 33' 09.60" E and the first point DE1/DK1 and follows this line until the point DE1/DK1;

(b) a series of lines joining the following points in the order in which they are listed:

Points defining the boundary of the zone	Nature of the line joining a point to the following point	Other points with the same coordinates
DE1 55° 30' 40.30" N 5° 45' 00.00" E	Geodesic	DK1
DE2 55° 15' 00.00" N 5° 24' 12.00" E	Geodesic	DK2
DE3 55° 15' 00.00" N 5° 9' 00.00" E	Geodesic	DK3
DE4 55° 24' 15.00" N 4° 45' 00.00" E	Geodesic	DK4
DE5 55° 46' 21.80" N 4° 15' 00.00" E	Geodesic	DK5
DE6 55° 55' 09.40" N 3° 21' 00.00" E	Arc of Great Circle	DK6
DE7 55° 50' 06.00" N 3° 24' 00.00" E	Arc of Great Circle	UK24
DE8 55° 45' 54.00" N 3° 22' 13.00" E	Arc of Great Circle	NL19
DE9 55° 20' 00.00" N 4° 20' 00.00" E	Arc of Great Circle	NL20
DE10 55° 0' 00.00" N 5° 0' 00.00" E	Arc of Great Circle	NL21
DE11 54° 37' 12.00" N 5° 0' 00.00" E	Arc of Great Circle	NL22
DE12 54° 11' 12.00" N 6° 0' 00.00" E	Arc of Great Circle	NL23
DE13 53° 59' 56.80" N 6° 6' 28.20" E		NL24

(c) landwards from point DE12, a line from that point towards point DE13 (that is the next agreed delimitation point 53° 59' 56.80" N 6° 6' 28.20" E) as far as the intersection of that line with the boundary of the zone of joint responsibility between the Netherlands and Germany described in Part IV below.

- (4) **Ireland:** The zone of national responsibility of Ireland shall be limited by the following series of lines:
- (a) to the north, a series of lines joining the points listed in Table 3 in the order in which they are listed;
 - (b) to the west, the western boundary of the North Sea area;
 - (c) to the east and to the south, a series of lines joining the points listed in Table 2 in the order in which they are listed.

(5) **The Netherlands:** The zone of national responsibility of the Netherlands shall be limited to the south by the parallel of latitude 51°51' 52.1267" N, and to the north of this parallel of latitude by the following series of lines:

(a) a series of lines joining the following points in the order in which they are listed:

Points defining the boundary of the zone	Nature of the line joining a point to the following point	Other points with the same coordinates
NL1 51° 51' 52.1267" N 2° 31' 48.0975" E	Arc of Great Circle	UK42
NL2 51° 59' 00.00" N 2° 37' 36.00" E	Arc of Great Circle	UK41
NL3 52° 1' 00.00" N 2° 39' 30.00" E	Arc of Great Circle	UK40
NL4 52° 5' 18.00" N 2° 42' 12.00" E	Arc of Great Circle	UK39
NL5 52° 6' 00.00" N 2° 42' 54.00" E	Arc of Great Circle	UK38
NL6 52° 12' 24.00" N 2° 50' 24.00" E	Arc of Great Circle	UK37
NL7 52° 17' 24.00" N 2° 56' 00.00" E	Arc of Great Circle	UK36
NL8 52° 25' 00.00" N 3° 3' 30.00" E	Arc of Great Circle	UK35
NL9 52° 37' 18.00" N 3° 11' 00.00" E	Arc of Great Circle	UK34
NL10 52° 47' 00.00" N 3° 12' 18.00" E	Arc of Great Circle	UK33
NL11 52° 53' 00.00" N 3° 10' 30.00" E	Arc of Great Circle	UK32

NL12	53° 18' 06.00" N	3° 3' 24.00" E	Arc of Great Circle	UK31
NL13	53° 28' 12.00" N	3° 1' 00.00" E	Arc of Great Circle	UK30
NL14	53° 35' 06.00" N	2° 59' 18.00" E	Arc of Great Circle	UK29
NL15	53° 40' 06.00" N	2° 57' 24.00" E	Arc of Great Circle	UK28
NL16	53° 57' 48.00" N	2° 52' 00.00" E	Arc of Great Circle	UK27
NL17	54° 22' 48.00" N	2° 45' 48.00" E	Arc of Great Circle	UK26
NL18	54° 37' 18.00" N	2° 53' 54.00" E	Arc of Great Circle	UK25
NL19	55° 45' 54.00" N	3° 22' 13.00" E	Arc of Great Circle	DE8
NL20	55° 20' 00.00" N	4° 20' 00.00" E	Arc of Great Circle	DE9
NL21	55° 0' 00.00" N	5° 0' 00.00" E	Arc of Great Circle	DE10
NL22	54° 37' 12.00" N	5° 0' 00.00" E	Arc of Great Circle	DE11
NL23	54° 11' 12.00" N	6° 0' 00.00" E	Arc of Great Circle	DE12
NL24	53° 59' 56.80" N	6° 6' 28.20" E		DE13

- (b) landwards from point NL23, a line from that point towards point NL24 (that is the next agreed delimitation point 53° 59' 56.80" N 6° 6' 28.20" E) as far as the intersection of that line with the boundary of the zone of joint responsibility between the Netherlands and Germany described in Part IV below.

(6) **Norway:** The zone of national responsibility of Norway shall be limited to the north by the parallel of latitude 63° 38' 10.68" N and to the west, south and east by the following series of lines:

- (a) a series of lines joining the points listed in Table 4 in the order in which they are listed;
- (b) southwards from the last point mentioned in that table, a series of lines which join the following points in the order in which they are listed:

Points defining the boundary of the zone	Nature of the line joining a point to the following point	Other points with the same coordinates
NO23 56° 5' 12.00" N 3° 15' 00.00" E	Arc of Great Circle	UK23, DK7
NO24 56° 35' 30.00" N 5° 2' 00.00" E	Arc of Great Circle	DK8
NO25 57° 10' 30.00" N 6° 56' 12.00" E	Arc of Great Circle	DK9
NO26 57° 29' 54.00" N 7° 59' 00.00" E	Arc of Great Circle	DK10
NO27 57° 37' 06.00" N 8° 27' 30.00" E	Arc of Great Circle	DK11
NO28 57° 41' 48.00" N 8° 53' 18.00" E	Arc of Great Circle	DK12
NO29 57° 59' 18.00" N 9° 23' 00.00" E	Arc of Great Circle	DK13
NO30 58° 15' 41.20" N 10° 1' 48.10" E (point A)	Arc of Great Circle	SE4, DK14
NO31 58° 30' 41.20" N 10° 8' 46.90" E (point B)	Arc of Great Circle	SE5
NO32 58° 45' 41.30" N 10° 35' 40.00" E (point C)	Loxodrome	SE6
NO33 58° 53' 34.00" N 10° 38' 25.00" E (point D)		SE7

- (c) then a line following the Norwegian-Swedish border.

(7) **Sweden:** The zone of national responsibility of Sweden shall be limited to the south by the parallel of latitude 57° 44' 43.00" N, and to the north of this parallel of latitude by a series of lines

(a) joining the following points in the order in which they are listed:

Points defining the boundary of the zones	Nature of the line joining a point to the following point	Other points with the same coordinates
SE1 57° 44' 43.00" N 11° 7' 04.00" E	Geodesic	DK17
SE2 57° 49' 00.60" N 11° 2' 55.60" E	Geodesic	DK16
SE3 58° 8' 00.10" N 10° 32' 32.80" E	Geodesic	DK15
SE4 58° 15' 41.20" N 10° 1' 48.10" E (point A)	Arc of Great Circle	DK14, NO30
SE5 58° 30' 41.20" N 10° 8' 46.90" E (point B)	Arc of Great Circle	NO31
SE6 58° 45' 41.30" N 10° 35' 40.00" E (point C)	Loxodrome	NO32
SE7 58° 53' 34.00" N 10° 38' 25.00" E (point D)		NO33

(b) then a line following the Swedish-Norwegian border.

(8) **United Kingdom:** The zone of national responsibility of the United Kingdom shall be limited

(a) to the east, by a series of lines comprising:

- (i) a series of lines joining the points listed in Table 4 in the order in which they are listed;
- (ii) a series of lines joining the following points in the order in which they are listed:

Points defining the boundary of the zone	Nature of the line joining a point to the following point	Other points with the same coordinates
UK23 56° 5' 12.00" N 3° 15' 00.00" E	Arc of Great Circle	NO23, DK7
UK24 55° 50' 06.00" N 3° 24' 00.00" E	Arc of Great Circle	DE7
UK25 54° 37' 18.00" N 2° 53' 54.00" E	Arc of Great Circle	NL18
UK26 54° 22' 48.00" N 2° 45' 48.00" E	Arc of Great Circle	NL17
UK27 53° 57' 48.00" N 2° 52' 00.00" E	Arc of Great Circle	NL16
UK28 53° 40' 06.00" N 2° 57' 24.00" E	Arc of Great Circle	NL15
UK29 53° 35' 06.00" N 2° 59' 18.00" E	Arc of Great Circle	NL14
UK30 53° 28' 12.00" N 3° 1' 00.00" E	Arc of Great Circle	NL13
UK31 53° 18' 06.00" N 3° 3' 24.00" E	Arc of Great Circle	NL12
UK32 52° 53' 00.00" N 3° 10' 30.00" E	Arc of Great Circle	NL11

UK33	52° 47' 00.00" N 3° 12' 18.00" E	Arc of Great Circle	NL10
UK34	52° 37' 18.00" N 3° 11' 00.00" E	Arc of Great Circle	NL9
UK35	52° 25' 00.00" N 3° 3' 30.00" E	Arc of Great Circle	NL8
UK36	52° 17' 24.00" N 2° 56' 00.00" E	Arc of Great Circle	NL7
UK37	52° 12' 24.00" N 2° 50' 24.00" E	Arc of Great Circle	NL6
UK38	52° 6' 00.00" N 2° 42' 54.00" E	Arc of Great Circle	NL5
UK39	52° 5' 18.00" N 2° 42' 12.00" E	Arc of Great Circle	NL4
UK40	52° 1' 00.00" N 2° 39' 30.00" E	Arc of Great Circle	NL3
UK41	51° 59' 00.00" N 2° 37' 36.00" E	Arc of Great Circle	NL2
UK42	51° 51' 52.1267" N 2° 31' 48.0975" E	Arc of Great Circle	NL1

- (b) to the south and west, by the following series of lines:
- (i) a line commencing at the westernmost point of the Isles of Scilly, and joining that point to the point $49^{\circ} 52' 00.00''$ N $7^{\circ} 44' 00.00''$ W;
 - (ii) from that point, a line following the 1983 Bonn Agreement line (as defined in Part I above) southwards to its intersection with the boundary of the continental shelf between France and the United Kingdom as defined in the arbitration decision of 30 June 1977;
 - (iii) from that point of intersection, the line of that boundary westwards as far as the point $48^{\circ} 10' 00.00''$ N $9^{\circ} 22' 15.91''$ W; and
 - (iv) from that point, a series of lines joining the points listed in Table 2 in the order in which they are listed to the outer limit of the territorial sea adjacent to Northern Ireland at the point $54^{\circ} 0' 00.00''$ N $05^{\circ} 36' 20.00''$ W;
- (c) to the west and north, by the following series of lines:
- (i) a line joining the point in the territorial sea adjacent to Northern Ireland nearest to the point $55^{\circ} 31' 13.36''$ N $6^{\circ} 45' 00.00''$ W with that point;
 - (ii) from that point, a series of lines joining the points listed in Table 3 in the order in which they are listed as far as the point $56^{\circ} 42' 00.00''$ N $14^{\circ} 00' 00.00''$ W;
 - (iii) from that point, a line which follows the western and northern boundaries of the North Sea area as far as the point $63^{\circ} 38' 10.68''$ N $0^{\circ} 30' 00.00''$ W.

TABLE 2: POINTS AND LINES OF THE BOUNDARY BETWEEN THE RESPONSIBILITY ZONES OF IRELAND AND THE UNITED KINGDOM – EAST AND SOUTH

Points defining the boundary of the zones	Nature of the line joining a point to the following point
IR1/UK50 48° 10' 00.00" N 10° 0' 00.00" W	Meridian of Longitude
IR2/UK51 48° 20' 00.00" N 10° 0' 00.00" W	Parallel of Latitude
IR3/UK52 48° 20' 00.00" N 9° 48' 00.00" W	Meridian of Longitude
IR4/UK53 48° 30' 00.00" N 9° 48' 00.00" W	Parallel of Latitude
IR5/UK54 48° 30' 00.00" N 9° 36' 00.00" W	Meridian of Longitude
IR6/UK55 48° 50' 00.00" N 9° 36' 00.00" W	Parallel of Latitude
IR7/UK56 48° 50' 00.00" N 9° 24' 00.00" W	Meridian of Longitude
IR8/UK57 49° 0' 00.00" N 9° 24' 00.00" W	Parallel of Latitude
IR9/UK58 49° 0' 00.00" N 9° 17' 00.00" W	Meridian of Longitude
IR10/UK59 49° 10' 00.00" N 9° 17' 00.00" W	Parallel of Latitude
IR11/UK60 49° 10' 00.00" N 9° 12' 00.00" W	Meridian of Longitude
IR12/UK61 49° 20' 00.00" N 9° 12' 00.00" W	Parallel of Latitude
IR13/UK62 49° 20' 00.00" N 9° 3' 00.00" W	Meridian of Longitude
IR14/UK63 49° 30' 00.00" N 9° 3' 00.00" W	Parallel of Latitude
IR15/UK64 49° 30' 00.00" N 8° 54' 00.00" W	Meridian of Longitude
IR16/UK65 49° 40' 00.00" N 8° 54' 00.00" W	Parallel of Latitude

IR17/UK66	49° 40' 00.00" N 8° 45' 00.00" W	Meridian of Longitude
IR18/UK67	49° 50' 00.00" N 8° 45' 00.00" W	Parallel of Latitude
IR19/UK68	49° 50' 00.00" N 8° 36' 00.00" W	Meridian of Longitude
IR20/UK69	50° 0' 00.00" N 8° 36' 00.00" W	Parallel of Latitude
IR21/UK70	50° 0' 00.00" N 8° 24' 00.00" W	Meridian of Longitude
IR22/UK71	50° 10' 00.00" N 8° 24' 00.00" W	Parallel of Latitude
IR23/UK72	50° 10' 00.00" N 8° 12' 00.00" W	Meridian of Longitude
IR24/UK73	50° 20' 00.00" N 8° 12' 00.00" W	Parallel of Latitude
IR25/UK74	50° 20' 00.00" N 8° 0' 00.00" W	Meridian of Longitude
IR26/UK75	50° 30' 00.00" N 8° 0' 00.00" W	Parallel of Latitude
IR27/UK76	50° 30' 00.00" N 7° 36' 00.00" W	Meridian of Longitude
IR28/UK77	50° 40' 00.00" N 7° 36' 00.00" W	Parallel of Latitude
IR29/UK78	50° 40' 00.00" N 7° 12' 00.00" W	Meridian of Longitude
IR30/UK79	50° 50' 00.00" N 7° 12' 00.00" W	Parallel of Latitude
IR31/UK80	50° 50' 00.00" N 7° 3' 00.00" W	Meridian of Longitude
IR32/UK81	51° 0' 00.00" N 7° 3' 00.00" W	Parallel of Latitude
IR33/UK82	51° 0' 00.00" N 6° 48' 00.00" W	Meridian of Longitude
IR34/UK83	51° 10' 00.00" N 6° 48' 00.00" W	Parallel of Latitude

IR35/UK84	51° 10' 00.00" N 6° 42' 00.00" W	Meridian of Longitude
IR36/UK85	51° 20' 00.00" N 6° 42' 00.00" W	Parallel of Latitude
IR37/UK86	51° 20' 00.00" N 6° 33' 00.00" W	Meridian of Longitude
IR38/UK87	51° 30' 00.00" N 6° 33' 00.00" W	Parallel of Latitude
IR39/UK88	51° 30' 00.00" N 6° 18' 00.00" W	Meridian of Longitude
IR40/UK89	51° 40' 00.00" N 6° 18' 00.00" W	Parallel of Latitude
IR41/UK90	51° 40' 00.00" N 6° 6' 00.00" W	Meridian of Longitude
IR42/UK91	51° 50' 00.00" N 6° 6' 00.00" W	Parallel of Latitude
IR43/UK92	51° 50' 00.00" N 6° 0' 00.00" W	Meridian of Longitude
IR44/UK93	51° 54' 00.00" N 6° 0' 00.00" W	Parallel of Latitude
IR45/UK94	51° 54' 00.00" N 5° 57' 00.00" W	Meridian of Longitude
IR46/UK95	51° 58' 00.00" N 5° 57' 00.00" W	Parallel of Latitude
IR47/UK96	51° 58' 00.00" N 5° 54' 00.00" W	Meridian of Longitude
IR48/UK97	52° 0' 00.00" N 5° 54' 00.00" W	Parallel of Latitude
IR49/UK98	52° 0' 00.00" N 5° 50' 00.00" W	Meridian of Longitude
IR50/UK99	52° 4' 00.00" N 5° 50' 00.00" W	Parallel of Latitude
IR51/UK100	52° 4' 00.00" N 5° 46' 00.00" W	Meridian of Longitude
IR52/UK101	52° 8' 00.00" N 5° 46' 00.00" W	Parallel of Latitude

IR53/UK102	52° 8' 00.00" N 5° 42' 00.00" W	Meridian of Longitude
IR54/UK103	52° 12' 00.00" N 5° 42' 00.00" W	Parallel of Latitude
IR55/UK104	52° 12' 00.00" N 5° 39' 00.00" W	Meridian of Longitude
IR56/UK105	52° 16' 00.00" N 5° 39' 00.00" W	Parallel of Latitude
IR57/UK106	52° 16' 00.00" N 5° 35' 00.00" W	Meridian of Longitude
IR58/UK107	52° 24' 00.00" N 5° 35' 00.00" W	Parallel of Latitude
IR59/UK108	52° 24' 00.00" N 5° 22' 48.00" W	Meridian of Longitude
IR60/UK109	52° 32' 00.00" N 5° 22' 48.00" W	Parallel of Latitude
IR61/UK110	52° 32' 00.00" N 5° 28' 00.00" W	Meridian of Longitude
IR62/UK111	52° 44' 00.00" N 5° 28' 00.00" W	Parallel of Latitude
IR63/UK112	52° 44' 00.00" N 5° 24' 30.00" W	Meridian of Longitude
IR64/UK113	52° 52' 00.00" N 5° 24' 30.00" W	Parallel of Latitude
IR65/UK114	52° 52' 00.00" N 5° 22' 30.00" W	Meridian of Longitude
IR66/UK115	52° 59' 00.00" N 5° 22' 30.00" W	Parallel of Latitude
IR67/UK116	52° 59' 00.00" N 5° 19' 00.00" W	Meridian of Longitude
IR68/UK117	53° 9' 00.00" N 5° 19' 00.00" W	Parallel of Latitude
IR69/UK118	53° 9' 00.00" N 5° 20' 00.00" W	Meridian of Longitude

IR70/UK119	53° 26' 00.00" N 5° 20' 00.00" W	Parallel of Latitude
IR71/UK120	53° 26' 00.00" N 5° 19' 00.00" W	Meridian of Longitude
IR72/UK121	53° 32' 00.00" N 5° 19' 00.00" W	Parallel of Latitude
IR73/UK122	53° 32' 00.00" N 5° 17' 00.00" W	Meridian of Longitude
IR74/UK123	53° 39' 00.00" N 5° 17' 00.00" W	Parallel of Latitude
IR75/UK124	53° 39' 00.00" N 5° 16' 20.40" W	Meridian of Longitude
IR76/UK125	53° 42' 08.40" N 5° 16' 20.40" W	Parallel of Latitude
IR77/UK126	53° 42' 08.40" N 5° 17' 51.00" W	Meridian of Longitude
IR78/UK127	53° 44' 24.00" N 5° 17' 51.00" W	Parallel of Latitude
IR79/UK128	53° 44' 24.00" N 5° 19' 19.80" W	Meridian of Longitude
IR80/UK129	53° 45' 48.00" N 5° 19' 19.80" W	Parallel of Latitude
IR81/UK130	53° 45' 48.00" N 5° 22' 00.00" W	Meridian of Longitude
IR82/UK131	53° 46' 00.00" N 5° 22' 00.00" W	Parallel of Latitude
IR83/UK132	53° 46' 00.00" N 5° 19' 00.00" W	Meridian of Longitude
IR84/UK133	53° 59' 56.95" N 5° 19' 00.00" W	

TABLE 3: POINTS AND LINES OF THE BOUNDARY BETWEEN THE RESPONSIBILITY ZONES OF IRELAND AND THE UNITED KINGDOM – NORTH

Points defining the boundary of the zones	Nature of the line joining a point to the following point
IR85/UK134 55° 31' 13.36" N 6° 45' 00.00" W	Meridian of Longitude
IR86/UK135 55° 28' 00.00" N 6° 45' 00.00" W	Parallel of Latitude
IR87/UK136 55° 28' 00.00" N 6° 48' 00.00" W	Meridian of Longitude
IR88/UK137 55° 30' 00.00" N 6° 48' 00.00" W	Parallel of Latitude
IR89/UK138 55° 30' 00.00" N 6° 51' 00.00" W	Meridian of Longitude
IR90/UK139 55° 35' 00.00" N 6° 51' 00.00" W	Parallel of Latitude
IR91/UK140 55° 35' 00.00" N 6° 57' 00.00" W	Meridian of Longitude
IR92/UK141 55° 40' 00.00" N 6° 57' 00.00" W	Parallel of Latitude
IR93/UK142 55° 40' 00.00" N 7° 2' 00.00" W	Meridian of Longitude
IR94/UK143 55° 45' 00.00" N 7° 2' 00.00" W	Parallel of Latitude
IR95/UK144 55° 45' 00.00" N 7° 8' 00.00" W	Meridian of Longitude
IR96/UK145 55° 50' 00.00" N 7° 8' 00.00" W	Parallel of Latitude
IR97/UK146 55° 50' 00.00" N 7° 15' 00.00" W	Meridian of Longitude
IR98/UK147 55° 55' 00.00" N 7° 15' 00.00" W	Parallel of Latitude

IR99/UK148 55° 55' 00.00" N 7° 23' 00.00" W	Meridian of Longitude
IR100/UK149 56° 0' 00.00" N 7° 23' 00.00" W	Parallel of Latitude
IR101/UK150 56° 0' 00.00" N 8° 13' 00.00" W	Meridian of Longitude
IR102/UK151 56° 5' 00.00" N 8° 13' 00.00" W	Parallel of Latitude
IR103/UK152 56° 5' 00.00" N 8° 39' 30.00" W	Meridian of Longitude
IR104/UK153 56° 10' 00.00" N 8° 39' 30.00" W	Parallel of Latitude
IR105/UK154 56° 10' 00.00" N 9° 7' 00.00" W	Meridian of Longitude
IR106/UK155 56° 21' 30.00" N 9° 7' 00.00" W	Parallel of Latitude
IR107/UK156 56° 21' 30.00" N 10° 30' 00.00" W	Meridian of Longitude
IR108/UK157 56° 32' 30.00" N 10° 30' 00.00" W	Parallel of Latitude
IR109/UK158 56° 32' 30.00" N 12° 12' 00.00" W	Meridian of Longitude
IR110/UK159 56° 42' 00.00" N 12° 12' 00.00" W	Parallel of Latitude
IR111/UK160 56° 42' 00.00" N 14° 0' 00.00" W	

**TABLE 4: POINTS AND LINES OF THE BOUNDARY BETWEEN THE RESPONSIBILITY ZONES OF
NORWAY AND THE UNITED KINGDOM**

Points defining the boundary of the zones	Nature of the line joining a point to the following point
NO1/UK1 63° 38' 10.68" N 0° 10' 59.31" W	Geodesic
NO2/UK2 63° 03' 20.71" N 0° 28' 12.51" E	Geodesic
NO3/UK3 62° 58' 21.06" N 0° 33' 31.01" E	Geodesic
NO4/UK4 62° 53' 29.49" N 0° 38' 27.91" E	Geodesic
NO5/UK5 62° 44' 16.31" N 0° 47' 27.69" E	Geodesic
NO6/UK6 62° 39' 57.99" N 0° 51' 29.48" E	Geodesic
NO7/UK7 62° 36' 20.75" N 0° 54' 44.78" E	Geodesic
NO8/UK8 62° 32' 47.29" N 0° 57' 48.32" E	Geodesic
NO9/UK9 62° 30' 09.83" N 1° 0' 05.92" E	Geodesic
NO10/UK10 62° 27' 32.82" N 1° 2' 17.70" E	Geodesic
NO11/UK11 62° 24' 56.68" N 1° 4' 25.86" E	Geodesic
NO12/UK12 62° 22' 21.00" N 1° 6' 28.21" E	Geodesic
NO13/UK13 62° 19' 40.72" N 1° 8' 30.96" E	Geodesic
NO14/UK14 62° 16' 43.93" N 1° 10' 40.66" E	Geodesic

NO15/UK15	61° 44' 12.00" N 1° 33' 13.44" E	Geodesic
NO16/UK16	61° 44' 12.00" N 1° 33' 36.00" E	Arc of Great Circle
NO17/UK17	61° 21' 24.00" N 1° 47' 24.00" E	Arc of Great Circle
NO18/UK18	59° 53' 48.00" N 2° 4' 36.00" E	Arc of Great Circle
NO19/UK19	59° 17' 24.00" N 1° 42' 42.00" E	Arc of Great Circle
NO20/UK20	58° 25' 48.00" N 1° 29' 00.00" E	Arc of Great Circle
NO21/UK21	57° 54' 18.00" N 1° 57' 54.00" E	Arc of Great Circle
NO22/UK22	56° 35' 42.00" N 2° 36' 48.00" E	Arc of Great Circle
NO23/UK23	56° 5' 12.00" N 3° 15' 00.00" E	

(9) **France:** The zone of national responsibility of France shall be limited, from North to South, by a series of lines joining the following points in the order in which they are listed:

Points defining the boundary of the zone	Nature of the line joining a point to the following point	Other points with the same coordinates
FR01 48° 19' 56.52" N 4° 46' 23.67" W	Loxodrome	
FR02 48° 27' 00.00" N 5° 08' 23.63" W	Parallel of Latitude	
FR03 48° 27' 00.00" N 6° 34' 40.90" W	Loxodrome	
FR04 46° 00' 04.06" N 9° 59' 54.88" W	Loxodrome	SP4
FR05 45° 00' 04.04" N 7° 59' 55.08" W	Loxodrome	SP5
FR06 44° 20' 03.93" N 3° 59' 55.37" W	Loxodrome	SP6
FR07 43° 23' 20.71" N 1° 46' 13.58" W	Loxodrome	SP7
FR08 43° 22' 50.11" N 1° 47' 11.18" W		SP8

(10) **Spain:** The zone of national responsibility of Spain shall be limited, by a series of lines joining the following points in the order in which they are listed:

Points defining the boundary of the zone	Nature of the line joining a point to the following point	Other points with the same coordinates
SP1 42° 30' 04.25'' N 008° 52' 18.22'' W	Loxodrome	
SP2 42° 30' 04.32'' N 010° 24' 55.16'' W	Loxodrome	
SP3 46° 00' 04.07'' N 010° 24' 54.86'' W	Loxodrome	
SP4 46° 00' 04.06'' N 009° 59' 54.88'' W	Loxodrome	FR4
SP5 45° 00' 04.04'' N 007° 59' 55.08'' W	Loxodrome	FR5
SP6 44° 20' 03.93'' N 003° 59' 55.37'' W	Loxodrome	FR6
SP7 43° 23' 20.71'' N 001° 46' 13.58'' W	Loxodrome	FR7
SP8 43° 22' 50.11'' N 001° 47' 11.18'' W		FR8

PART IV: BOUNDARIES OF THE ZONES OF JOINT RESPONSIBILITY

The zones of joint responsibility shall be as follows:

1. *Zone of Joint Responsibility of Belgium, France, the Netherlands and United Kingdom*

The sea area between the parallels of latitude 51°51' 52.1267" N and 51° 6' 00.00"N.

2. *Zone of Joint Responsibility of France and United Kingdom*

The English Channel south-west of the parallel of latitude 51° 32' 00.00" N to a line which:

- (a) commences at the westernmost point of the Isles of Scilly, and joins that point with the point 49°52'00.00"N 7° 44' 00.00" W;
- (b) from that point, follows a line drawn 50 nautical miles west of a line joining the Isles of Scilly and the isle of Ushant southwards to its intersection with the parallel of latitude 48° 27' 00.00" N, and;
- (c) follows that parallel of latitude eastwards to the southernmost point of the isle of Ushant.

3. *Zone of Joint Responsibility of Denmark and Germany*

The sea area bounded by:

- (a) to the south, the parallel of latitude 54° 30' 00.00" N westwards from the coast of Germany;
- (b) to the west, the meridian of longitude 6° 30' 00.00" E;
- (c) to the north, the parallel of latitude 55° 50' 00.00" N westwards from the coast of Denmark; and
- (d) to the east, the low water line (based on Chart Datum Lowest Astronomical Tide (LAT)) , including the Wadden sea area.

4. *Zone of Joint Responsibility of Germany and the Netherlands*

The sea area bounded by:

- (a) to the west, the meridian of longitude 6° 0' 00.00" E (ED50) northwards from the coast of the Netherlands;
- (b) to the north, the parallel of latitude 54° 0' 00.00" N (ED50);
- (c) to the east, the meridian of longitude 7° 15' 00.00" E (ED50), northwards from the coast of Germany; and
- (d) to the south, the low water line (based on Chart Datum Lowest Astronomical Tide (LAT)), including the Wadden sea area.

PART V: INTERPRETATION

The positions of the points referred to in this Annex shall be determined according to the European Geodesic System (1950 version).”