

## **ANNEX 1:**

### **Description of the Particularly Sensitive Sea Area Wadden Sea - Coordinates**

#### **a. Description**

In order to avoid the risk of pollution and damage to this exceptional, highly dynamic tidal ecosystem of world importance, mariners should exercise extreme care when navigating in the area bounded by a line connecting the following geographical positions which is designated as a Particularly Sensitive Sea Area and in the adjacent area:

The PSSA Wadden Sea is bordered:

Seawards by an offshore line defined by a set of geographical coordinates (see coordinates listed under c.),

Landwards by the main dikes, or where the main dikes are absent, by the spring-high-tide-water line, and in the rivers, by the brackish-water limit.

The inhabited islands are excluded from the PSSA. These islands are in

Denmark: Rømø, Mandø, Fanø

Germany:

*Schleswig-Holstein:* Pellworm, Nordstrandischmoor, Hooge, Gröde, Langeneß-Oland, Föhr, Amrum, Sylt, Norderoog, Habel, Süderoog

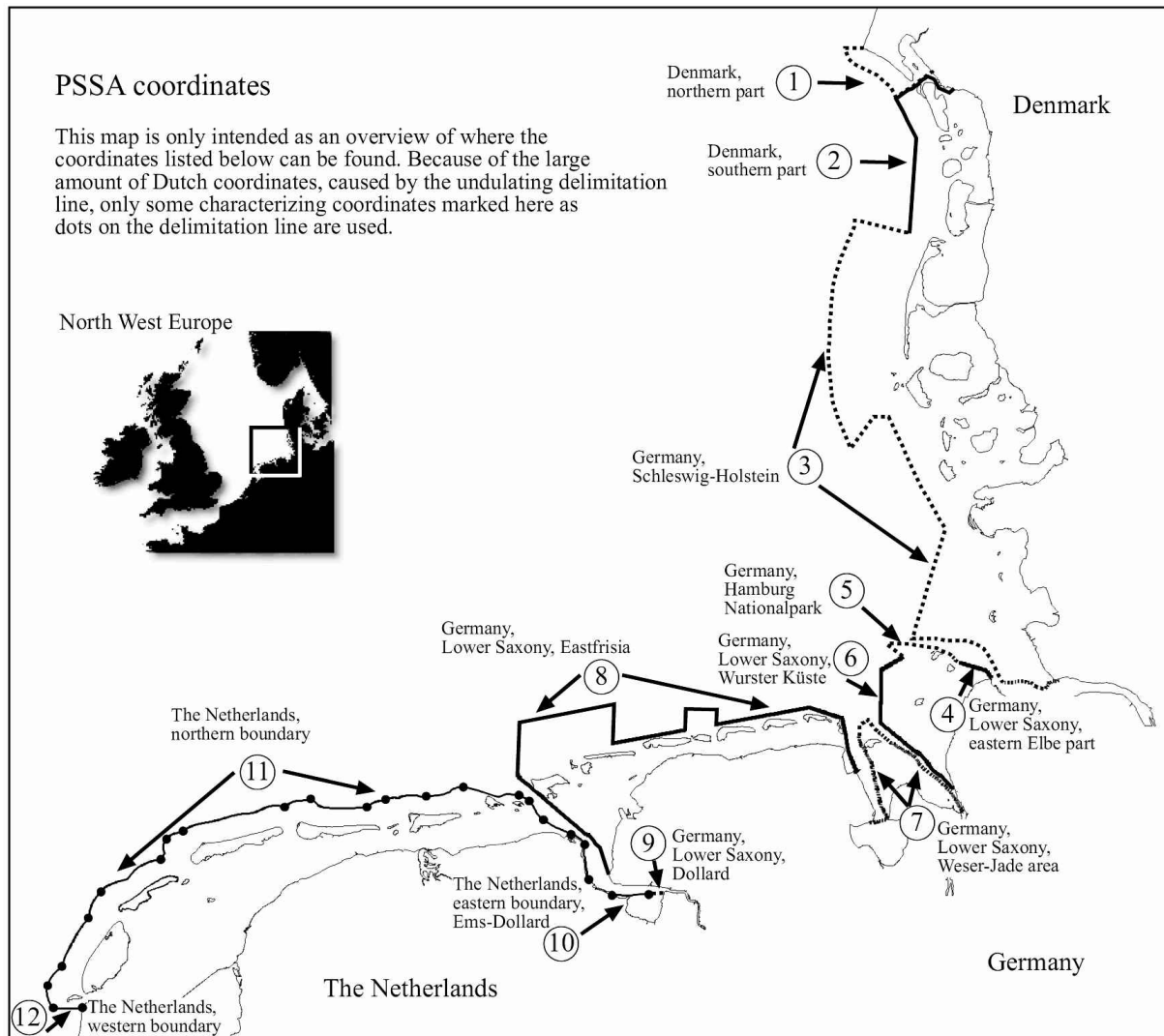
*Hamburg:* Neuwerk

*Lower Saxony:* Borkum, Juist, Norderney, Baltrum, Langeoog, Spiekeroog, Wangerooge

The Netherlands: Texel, Vlieland, Terschelling, Ameland, Schiermonnikoog

**b. Illustrative overview**

The illustrative overview shows the different parts (1-12) of the offshore line of the proposed PSSA Wadden Sea. The numbers and names pointing to the different parts refer to the list of coordinates given in the tables under c.



### c. List of geographical coordinates (projection WGS84) for the bordering offshore line of the proposed PSSA Wadden Sea.

#### Denmark

The proposed PSSA in the Danish Wadden Sea is divided into a northern part and a southern part by the Esbjerg Harbour shipping lane and the outer area of Esbjerg Harbour.

##### Northern part (1)

The PSSA delimitation consists of 28 points with the following coordinates from Blaavandshuk to the shore north of Esbjerg Harbour.

##### Southern part (2)

The PSSA delimitation consists of 17 points with the following coordinates, from the shore south of Esbjerg Harbour to the borderline between Denmark and Germany territorial waters.

#### 1 Denmark, northern part

No.	East	North
1	8° 04,516'	55° 33,463'
2	7° 59,00'	55° 33,48'
3	7° 59,02'	55° 33,21'
4	7° 59,06'	55° 32,99'
5	7° 59,16'	55° 32,74'
6	7° 59,28'	55° 32,50'
7	7° 59,45'	55° 32,28'
8	7° 59,67'	55° 32,04'
9	7° 59,89'	55° 31,83'
10	8° 00,15'	55° 31,62'
11	8° 00,47'	55° 31,43'
12	8° 00,82'	55° 31,26'
13	8° 01,21'	55° 31,10'
14	8° 01,57'	55° 30,95'
15	8° 01,94'	55° 30,82'
16	8° 02,34'	55° 30,71'
17	8° 08,12'	55° 29,23'
18	8° 10,46'	55° 28,14'
19	8° 11,96'	55° 27,38'
20	8° 13,716'	55° 25,593'
21	8° 16,879'	55° 26,916'
22	8° 18,104'	55° 27,228'
23	8° 19,357'	55° 27,873'
24	8° 20,793'	55° 28,608'
25	8° 21,791'	55° 29,056'
26	8° 21,915'	55° 29,109'
27	8° 22,724'	55° 29,467'
28	8° 23,635'	55° 29,866'

#### 2 Denmark, southern part

No.	East	North
29	8° 30,157'	55° 27,166'
30	8° 28,490'	55° 26,420'
31	8° 25,620'	55° 27,160'
32	8° 24,904'	55° 27,866'
33	8° 24,574'	55° 28,273'
34	8° 24,151'	55° 28,614'
35	8° 22,436'	55° 28,975'
36	8° 21,929'	55° 28,776'
37	8° 21,043'	55° 28,452'
38	8° 19,581'	55° 27,724'
39	8° 18,195'	55° 27,046'
40	8° 17,016'	55° 26,805'
41	8° 13,825'	55° 25,470'
42	8° 14,080'	55° 25,220'
43	8° 19,543'	55° 19,100'
44	8° 18,900'	55° 12,300'
45	8° 18,040'	55° 03,795'

## Germany

Below are the coordinates for the seven parts (3-9) representing the delimitation of the proposed PSSA for Germany.

### 3 Germany, Schleswig-Holstein

No.	East	North
46	8° 18,040'	55° 03,795'
47	8° 02,716'	55° 06,053'
48	8° 02,618'	55° 05,647'
49	8° 02,547'	55° 05,239'
50	8° 02,395'	55° 05,011'
51	8° 01,635'	55° 03,814'
52	8° 00,960'	55° 02,982'
53	8° 00,708'	55° 02,659'
54	8° 00,471'	55° 02,332'
55	7° 59,598'	55° 01,064'
56	7° 59,354'	55° 00,692'
57	7° 59,133'	55° 00,319'
58	7° 58,572'	54° 59,317'
59	7° 58,493'	54° 59,170'
60	7° 57,853'	54° 57,968'
61	7° 57,640'	54° 57,540'
62	7° 57,451'	54° 57,102'
63	7° 57,292'	54° 56,660'
64	7° 57,032'	54° 55,858'
65	7° 56,876'	54° 55,303'
66	7° 56,765'	54° 54,745'
67	7° 56,591'	54° 53,645'
68	7° 56,531'	54° 53,169'
69	7° 56,429'	54° 52,013'
70	7° 56,279'	54° 50,539'
71	7° 56,253'	54° 50,166'
72	7° 56,209'	54° 49,265'
73	7° 56,203'	54° 48,945'
74	7° 56,209'	54° 48,625'
75	7° 56,234'	54° 48,095'
76	7° 56,218'	54° 47,848'
77	7° 55,986'	54° 46,380'
78	7° 55,921'	54° 45,823'
79	7° 55,899'	54° 45,265'
80	7° 55,925'	54° 44,707'
81	7° 55,995'	54° 44,148'
82	7° 56,732'	54° 39,682'
83	7° 56,800'	54° 39,104'
84	7° 56,918'	54° 38,529'
85	7° 57,083'	54° 37,957'
86	7° 57,295'	54° 37,390'
87	7° 57,556'	54° 36,830'
88	7° 57,674'	54° 36,597'
89	7° 57,920'	54° 36,145'
90	7° 58,197'	54° 35,697'
91	7° 58,505'	54° 35,257'
92	8° 02,338'	54° 30,063'
93	8° 08,522'	54° 35,126'
94	8° 15,406'	54° 35,126'
95	8° 17,071'	54° 32,932'
96	8° 18,308'	54° 31,208'
97	8° 19,144'	54° 30,053'
98	8° 19,462'	54° 29,614'
99	8° 20,191'	54° 28,596'

### 3 Germany, Schleswig-Holstein

No.	East	North
100	8° 20,996'	54° 27,489'
101	8° 21,858'	54° 26,289'
102	8° 22,692'	54° 25,140'
103	8° 22,956'	54° 24,747'
104	8° 23,091'	54° 24,545'
105	8° 23,624'	54° 23,878'
106	8° 25,125'	54° 22,186'
107	8° 26,205'	54° 20,980'
108	8° 28,843'	54° 18,099'
109	8° 25,467'	54° 13,309'
110	8° 23,782'	54° 10,917'
111	8° 20,322'	54° 06,008'
112	8° 20,305'	54° 05,983'
113	8° 17,718'	54° 02,317'
114	8° 17,689'	54° 02,275'
115	8° 16,859'	54° 01,099'
116	8° 16,056'	53° 59,960'
117	8° 28,660'	53° 59,936'
118	8° 28,725'	53° 59,940'
119	8° 28,826'	53° 59,940'
120	8° 28,937'	53° 59,937'
121	8° 29,048'	53° 59,941'
122	8° 29,133'	53° 59,942'
123	8° 29,221'	53° 59,948'
124	8° 29,344'	53° 59,954'
125	8° 29,410'	53° 59,952'
126	8° 29,486'	53° 59,947'
127	8° 29,584'	53° 59,938'
128	8° 29,691'	53° 59,930'
129	8° 29,788'	53° 59,923'
130	8° 29,871'	53° 59,911'
131	8° 29,965'	53° 59,905'
132	8° 30,068'	53° 59,907'
133	8° 30,156'	53° 59,905'
134	8° 30,252'	53° 59,910'
135	8° 30,337'	53° 59,910'
136	8° 30,393'	53° 59,912'
137	8° 30,457'	53° 59,913'
138	8° 30,523'	53° 59,917'
139	8° 30,585'	53° 59,921'
140	8° 30,658'	53° 59,924'
141	8° 30,725'	53° 59,930'
142	8° 30,779'	53° 59,932'
143	8° 30,837'	53° 59,929'
144	8° 30,946'	53° 59,930'
145	8° 31,057'	53° 59,942'
146	8° 31,148'	53° 59,953'
147	8° 31,276'	53° 59,965'
148	8° 31,372'	53° 59,969'
149	8° 31,475'	53° 59,972'
150	8° 31,559'	53° 59,977'
151	8° 31,638'	53° 59,982'
152	8° 31,691'	53° 59,990'
153	8° 31,759'	54° 00,005'

**3 Germany, Schleswig-Holstein**

No.	East	North
154	8° 31,833'	54° 00,008'
155	8° 31,951'	54° 00,016'
156	8° 32,046'	54° 00,021'
157	8° 32,156'	54° 00,021'
158	8° 32,250'	54° 00,021'
159	8° 32,348'	54° 00,021'
160	8° 32,441'	54° 00,024'
161	8° 32,528'	54° 00,023'
162	8° 32,613'	54° 00,016'
163	8° 32,694'	54° 00,013'
164	8° 32,750'	54° 00,013'
165	8° 32,817'	54° 00,014'
166	8° 32,869'	54° 00,013'
167	8° 32,988'	54° 00,016'
168	8° 33,090'	54° 00,022'
169	8° 33,183'	54° 00,022'
170	8° 33,280'	54° 00,021'
171	8° 33,402'	54° 00,022'
172	8° 33,502'	54° 00,019'
173	8° 33,608'	54° 00,013'
174	8° 33,680'	54° 00,005'
175	8° 33,764'	53° 60,000'
176	8° 33,856'	53° 59,994'
177	8° 33,916'	53° 59,990'
178	8° 34,007'	53° 59,985'
179	8° 34,090'	53° 59,977'
180	8° 34,167'	53° 59,968'
181	8° 34,249'	53° 59,965'
182	8° 34,389'	53° 59,948'
183	8° 34,470'	53° 59,937'
184	8° 34,580'	53° 59,913'
185	8° 34,648'	53° 59,903'
186	8° 34,717'	53° 59,885'
187	8° 34,872'	53° 59,827'
188	8° 34,980'	53° 59,793'
189	8° 35,105'	53° 59,764'
190	8° 35,179'	53° 59,746'
191	8° 35,253'	53° 59,729'
192	8° 35,329'	53° 59,709'
193	8° 35,404'	53° 59,690'
194	8° 35,465'	53° 59,677'
195	8° 35,534'	53° 59,667'
196	8° 35,699'	53° 59,630'
197	8° 35,767'	53° 59,611'
198	8° 35,919'	53° 59,580'
199	8° 36,115'	53° 59,535'
200	8° 36,254'	53° 59,504'
201	8° 36,361'	53° 59,480'
202	8° 36,443'	53° 59,460'
203	8° 36,574'	53° 59,431'
204	8° 36,741'	53° 59,391'
205	8° 36,879'	53° 59,354'
206	8° 37,001'	53° 59,324'
207	8° 37,095'	53° 59,306'

**3 Germany, Schleswig-Holstein**

No.	East	North
208	8° 37,171'	53° 59,289'
209	8° 37,319'	53° 59,250'
210	8° 37,403'	53° 59,226'
211	8° 37,546'	53° 59,189'
212	8° 37,657'	53° 59,160'
213	8° 37,780'	53° 59,111'
214	8° 37,947'	53° 59,046'
215	8° 38,173'	53° 58,964'
216	8° 38,333'	53° 58,907'
217	8° 38,496'	53° 58,850'
218	8° 38,868'	53° 58,691'
219	8° 39,105'	53° 58,442'
220	8° 39,598'	53° 57,962'
221	8° 40,199'	53° 57,371'
222	8° 40,267'	53° 57,299'
223	8° 40,749'	53° 56,812'
224	8° 41,362'	53° 56,204'
225	8° 41,924'	53° 55,648'
226	8° 42,487'	53° 55,094'
227	8° 42,595'	53° 54,996'
228	8° 42,861'	53° 54,745'
229	8° 43,118'	53° 54,445'
230	8° 43,361'	53° 54,164'
231	8° 43,529'	53° 53,970'
232	8° 43,634'	53° 53,859'
233	8° 44,022'	53° 53,402'
234	8° 44,096'	53° 53,300'
235	8° 44,185'	53° 53,302'
236	8° 44,265'	53° 53,313'
237	8° 44,347'	53° 53,318'
238	8° 44,443'	53° 53,318'
239	8° 44,514'	53° 53,316'
240	8° 44,591'	53° 53,312'
241	8° 44,681'	53° 53,308'
242	8° 44,744'	53° 53,305'
243	8° 44,818'	53° 53,293'
244	8° 44,898'	53° 53,278'
245	8° 44,962'	53° 53,271'
246	8° 45,039'	53° 53,264'
247	8° 45,121'	53° 53,247'
248	8° 45,196'	53° 53,241'
249	8° 45,272'	53° 53,235'
250	8° 45,356'	53° 53,231'
251	8° 45,475'	53° 53,235'
252	8° 45,570'	53° 53,239'
253	8° 45,699'	53° 53,250'
254	8° 45,789'	53° 53,252'
255	8° 45,896'	53° 53,255'
256	8° 45,984'	53° 53,270'
257	8° 46,057'	53° 53,286'
258	8° 46,142'	53° 53,297'
259	8° 46,226'	53° 53,297'
260	8° 46,292'	53° 53,297'
261	8° 46,348'	53° 53,292'

**3 Germany, Schleswig-Holstein**

No.	East	North
262	8° 46,487'	53° 53,315'
263	8° 46,591'	53° 53,333'
264	8° 46,675'	53° 53,340'
265	8° 46,792'	53° 53,363'
266	8° 46,886'	53° 53,386'
267	8° 46,950'	53° 53,397'
268	8° 47,009'	53° 53,412'
269	8° 47,071'	53° 53,415'
270	8° 47,158'	53° 53,421'
271	8° 47,267'	53° 53,430'
272	8° 47,354'	53° 53,433'
273	8° 47,428'	53° 53,442'
274	8° 47,509'	53° 53,461'
275	8° 47,608'	53° 53,474'
276	8° 47,675'	53° 53,478'
277	8° 47,796'	53° 53,481'
278	8° 47,884'	53° 53,483'
279	8° 47,954'	53° 53,493'
280	8° 48,013'	53° 53,505'
281	8° 48,075'	53° 53,523'
282	8° 48,124'	53° 53,535'
283	8° 48,197'	53° 53,538'
284	8° 48,284'	53° 53,538'
285	8° 48,367'	53° 53,542'
286	8° 48,438'	53° 53,543'
287	8° 48,474'	53° 53,542'
288	8° 48,554'	53° 53,545'
289	8° 48,613'	53° 53,548'
290	8° 48,688'	53° 53,550'
291	8° 48,775'	53° 53,546'
292	8° 48,893'	53° 53,531'
293	8° 48,987'	53° 53,515'
294	8° 49,064'	53° 53,501'
295	8° 49,153'	53° 53,484'
296	8° 49,260'	53° 53,470'
297	8° 49,326'	53° 53,468'
298	8° 49,399'	53° 53,465'
299	8° 49,472'	53° 53,464'
300	8° 49,552'	53° 53,454'
301	8° 49,653'	53° 53,442'
302	8° 49,741'	53° 53,419'
303	8° 49,784'	53° 53,406'
304	8° 49,890'	53° 53,375'
305	8° 49,942'	53° 53,366'
306	8° 50,017'	53° 53,355'
307	8° 50,107'	53° 53,338'
308	8° 50,172'	53° 53,318'
309	8° 50,287'	53° 53,308'
310	8° 50,382'	53° 53,302'
311	8° 50,449'	53° 53,306'
312	8° 50,553'	53° 53,314'
313	8° 50,617'	53° 53,316'
314	8° 50,684'	53° 53,313'
315	8° 50,776'	53° 53,302'

**3 Germany, Schleswig-Holstein**

No.	East	North
316	8° 50,831'	53° 53,298'
317	8° 50,914'	53° 53,288'
318	8° 50,994'	53° 53,278'
319	8° 51,087'	53° 53,269'
320	8° 51,167'	53° 53,263'
321	8° 51,271'	53° 53,253'
322	8° 51,350'	53° 53,236'
323	8° 51,433'	53° 53,218'
324	8° 51,484'	53° 53,209'
325	8° 51,584'	53° 53,184'
326	8° 51,659'	53° 53,164'
327	8° 51,753'	53° 53,137'
328	8° 51,831'	53° 53,119'
329	8° 51,910'	53° 53,105'
330	8° 51,976'	53° 53,085'
331	8° 52,042'	53° 53,066'
332	8° 52,133'	53° 53,035'
333	8° 52,201'	53° 52,992'
334	8° 52,241'	53° 52,963'
335	8° 52,273'	53° 52,942'
336	8° 52,317'	53° 52,921'
337	8° 52,412'	53° 52,884'
338	8° 52,478'	53° 52,852'
339	8° 52,557'	53° 52,821'
340	8° 52,646'	53° 52,792'
341	8° 52,711'	53° 52,767'
342	8° 52,792'	53° 52,737'
343	8° 52,868'	53° 52,716'
344	8° 52,987'	53° 52,670'
345	8° 53,078'	53° 52,645'
346	8° 53,161'	53° 52,623'
347	8° 53,276'	53° 52,591'
348	8° 53,366'	53° 52,564'
349	8° 53,482'	53° 52,524'
350	8° 53,544'	53° 52,498'
351	8° 53,660'	53° 52,459'
352	8° 53,736'	53° 52,440'
353	8° 53,813'	53° 52,410'
354	8° 53,901'	53° 52,377'
355	8° 53,937'	53° 52,364'
356	8° 54,071'	53° 52,327'
357	8° 54,156'	53° 52,311'
358	8° 54,231'	53° 52,283'
359	8° 54,333'	53° 52,256'
360	8° 54,430'	53° 52,233'
361	8° 54,506'	53° 52,207'
362	8° 54,587'	53° 52,182'
363	8° 54,629'	53° 52,162'
364	8° 54,719'	53° 52,142'
365	8° 54,787'	53° 52,144'
366	8° 54,923'	53° 52,111'
367	8° 55,032'	53° 52,091'
368	8° 55,127'	53° 52,067'
369	8° 55,256'	53° 52,034'

**3 Germany, Schleswig-Holstein**

No.	East	North
370	8° 55,373'	53° 52,008'
371	8° 55,476'	53° 51,989'
372	8° 55,543'	53° 52,011'
373	8° 55,599'	53° 52,035'
374	8° 55,641'	53° 52,062'

**4 Germany, Lower Saxony, eastern Elbe part**

No.	East	North
375	8° 41,200'	53° 53,533'
376	8° 39,550'	53° 54,917'
377	8° 32,150'	53° 56,167'

**5 Germany, Hamburg Nationalpark**

No.	East	North
378	8°30,25'	53°57,42'
379	8°26,31'	53°58,36'
380	8°21,93'	53°58,76'
381	8°18,90'	53°59,02'
382	8°13,17'	53°59,02'
383	8°12,77'	53°58,88'
384	8°17,43'	53°56,99'

**6 Germany, Lower Saxony, Wurster Küste**

No.	East	North
385	8° 11,533'	53° 54,900'
386	8° 11,533'	53° 53,200'
387	8° 11,533'	53° 46,417'
388	8° 20,150'	53° 42,333'
389	8° 23,583'	53° 40,683'
390	8° 27,683'	53° 38,133'
391	8° 30,683'	53° 36,300'

**7 Germany, Lower Saxony, Weser-Jade area**

No.	East	North
392	8° 32,883'	53° 32,317'
393	8° 33,317'	53° 32,400'
394	8° 28,667'	53° 36,750'
395	8° 20,617'	53° 41,183'
396	8° 14,433'	53° 43,317'
397	8° 09,917'	53° 45,483'
398	8° 07,950'	53° 46,967'
399	8° 05,583'	53° 45,933'
400	8° 05,583'	53° 43,717'
401	8° 09,050'	53° 40,217'
402	8° 11,817'	53° 33,283'
403	8° 13,600'	53° 31,217'
404	8° 09,950'	53° 30,717'
405	8° 08,717'	53° 30,650'

**8 Germany, Lower Saxony, Eastfrisia**

No.	East	North
406	8° 05,100'	53° 38,667'
407	8° 05,483'	53° 38,783'
408	8° 04,583'	53° 39,850'
409	8° 02,817'	53° 41,900'
410	8° 01,850'	53° 45,383'
411	8° 01,067'	53° 47,133'
412	7° 52,350'	53° 48,700'
413	7° 27,383'	53° 45,800'
414	7° 27,383'	53° 48,217'
415	7° 19,083'	53° 48,217'
416	7° 19,083'	53° 44,750'
417	7° 00,000'	53° 42,300'
418	7° 00,000'	53° 45,400'
419	7° 00,000'	53° 48,733'
420	6° 34,850'	53° 45,183'
421	6° 34,850'	53° 41,900'
422	6° 34,850'	53° 38,000'
423	6° 34,850'	53° 37,050'
424	6° 35,750'	53° 36,350'
425	6° 42,850'	53° 33,033'
426	6° 52,817'	53° 28,167'
427	6° 54,917'	53° 27,583'
428	6° 56,117'	53° 26,567'
429	6° 57,633'	53° 25,900'
430	6° 59,450'	53° 22,800'

**9 Germany, Lower Saxony, Dollard**

No.	East	North
431	7° 14,910'	53° 19,087'
432	7° 11,513'	53° 18,863'

## The Netherlands

Below are the coordinates representing the delimitation of the proposed PSSA for the Netherlands.

- Point 433 until 440 represent the eastern boundary, Ems Dollard, of the area (part 10).
- Point 441 until 453 represent the delimitation of the northern part of the area. It consists of the three nautical miles line from the baseline. Because this is a curved line, there are at least 1900 coordinates, but only some characterizing coordinates have been listed below. The map in Annex 2 has been compiled on the basis of detailed information on the 3 nautical miles line (available from the *Dienst der Hydrografie*, the Hydrographical Service in the Hague, Netherlands) (part 11).
- Point 454 and 455 represent the western boundary of the area. It is the line from Den Helder towards the West, crossing the three nautical miles line (part 12).

### 10 The Netherlands, eastern boundary, Ems-Dollard

No.	East	North
433	7° 11,605'	53° 18,882'
434	7° 00,666'	53° 18,655'
435	6° 54,414'	53° 20,860'
436	6° 53,420'	53° 26,439'
437	6° 50,010'	53° 27,797'
438	6° 41,803'	53° 30,069'
439	6° 37,214'	53° 33,289'
440	6° 35,685'	53° 33,688'

### 11 The Netherlands, northern boundary

No.	East	North
441	6° 20,487'	53° 34,798'
442	6° 14,347'	53° 33,356'
443	6° 00,295'	53° 32,295'
444	5° 55,497'	53° 31,964'
445	5° 40,285'	53° 31,769'
446	5° 33,542'	53° 30,412'
447	5° 06,734'	53° 25,551'
448	5° 02,336'	53° 24,218'
449	5° 01,358'	53° 21,138'
450	4° 45,087'	53° 14,785'
451	4° 43,325'	53° 11,133'
452	4° 37,086'	53° 03,145'
453	4° 33,291'	52° 59,296'

### 12 The Netherlands, western boundary

No.	East	North
454	4° 43,056'	52° 56,841'
455	4° 35,221'	52° 56,564'