



## Planfeststellungsunterlage

Aufgestellt  
Bayreuth, den

30.06.2023

TenneT  
Offshore GmbH

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## Trassenpositionsliste (route positioning list) Seetrasse ± 525-kV-DC-Leitg. NOR-9-3

Anhang 1 zu Anlage 4

Nr	Länge [km]		Bezeichnung	WGS 84		UTM 32		DHDN 2		DHDN 3	
	Abschnitt	kumuliert		X	Y	X	Y	Rechts	Hoch	Rechts	Hoch
1	0,000	0,000	BMH Dornum	7° 26,667' E	53° 40,76' N	397255,69	5948968,43	3397227,16911417	2595432,24226806	5950579,59148278	5950734,46613573
2	0,019	0,019	AC	7° 26,65' E	53° 40,764' N	397238,03	5948975,94	3397209,50421301	2595414,27656103	5950586,35174118	5950741,97827099
3	0,031	0,050	AC	7° 26,633' E	53° 40,777' N	397219,88	5949000,86	3397191,34917854	2595395,08664985	5950610,49047109	5950766,90536257
4	0,004	0,054	cable split	7° 26,633' E	53° 40,779' N	397219,52	5949004,88	3397190,98907923	2595394,55727595	5950614,49277658	5950770,92650695
5	0,015	0,069	DS HDD Entry Baltrum1	7° 26,632' E	53° 40,787' N	397218,19	5949019,82	3397189,65361093	2595392,59284011	5950629,36403675	5950785,86765909
6	1,309	1,377	DE HDD Exit Baltrum1	7° 26,5' E	53° 41,488' N	397101,51	5950323,00	3397072,95042626	2595221,01106212	5951926,8076498	5952089,41803517
7	0,035	1,412	Cable Split Baltrum1	7° 26,496' E	53° 41,507' N	397098,42	5950357,87	3397069,85457253	2595216,44649959	5951961,52887659	5952124,30156254
8	0,004	1,417	AC	7° 26,496' E	53° 41,509' N	397098,04	5950362,15	3397069,47446771	2595215,88602329	5951965,79296764	5952128,58558171
9	0,011	1,428	AC	7° 26,493' E	53° 41,515' N	397095,09	5950373,14	3397066,5221501	2595212,47281096	5951976,64786566	5952139,57500884
10	2,317	3,745	CX Telecom OOS	7° 25,902' E	53° 42,714' N	396493,90	5952610,84	3396465,16431368	2594517,22847685	5954187,57846496	5954377,91503472
11	0,507	4,252	AC	7° 25,773' E	53° 42,977' N	396362,38	5953100,35	3396333,61358334	2594365,13660216	5954671,2311845	5954867,56566308
12	0,000	4,252	Cable Split Baltrum1	7° 25,773' E	53° 42,977' N	396362,36	5953100,46	3396333,58877647	2594365,10739021	5954671,33497175	5954867,67059293
13	0,040	4,292	AC	7° 25,762' E	53° 42,997' N	396351,96	5953139,05	3396323,18829626	2594353,08741035	5954709,46532692	5954906,27507765
14	0,000	4,292	DS HDD Entry Baltrum1	7° 25,762' E	53° 42,997' N	396351,95	5953139,08	3396323,17919374	2594353,07708363	5954709,49412445	5954906,30428596
15	1,787	6,079	DE HDD Exit Baltrum1	7° 25,225' E	53° 43,907' N	395798,66	5954838,54	3395769,73867499	2593728,40325909	5956384,5243255	5956606,24577418
16	0,039	6,119	Cable Split Baltrum1	7° 25,213' E	53° 43,927' N	395786,45	5954876,04	3395757,52559165	2593714,61808671	5956421,48825599	5956643,75954791
17	0,000	6,119	AC	7° 25,213' E	53° 43,927' N	395786,45	5954876,05	3395757,52369112	2593714,6160486	5956421,49147369	5956643,76284885
18	1,017	7,135	AC	7° 24,839' E	53° 44,428' N	395396,24	5955814,76	3395367,20692297	2593285,02505593	5957343,14112188	5957582,74860129
19	1,831	8,966	baseline	7° 24,052' E	53° 45,298' N	394567,34	5957447,13	3394538,07799322	2592387,73185722	5958939,46846124	5959215,58052714
20	0,807	9,773	AC	7° 23,705' E	53° 45,682' N	394202,17	5958166,27	3394172,80734356	2591992,42882525	5959642,7221489	5959934,9205687
21	1,671	11,443	WD 10m LAT	7° 22,937' E	53° 46,459' N	393391,21	5959626,89	3393361,61797018	2591120,30041964	5961068,15301841	5961395,95849336
22	2,923	14,366	AC	7° 21,592' E	53° 47,819' N	391972,38	5962182,34	3391942,39154853	2589594,44195586	5963562,00252787	5963952,13342851

23	1,552	15,918	National Park boundary	7° 20,352' E	53° 48,22' N	390627,91	5962957,19	3390597,55148565	2588218,12683075	5964279,53712322	5964727,20505041
24	2,086	18,004	WD 20m LAT	7° 18,683' E	53° 48,759' N	388820,44	5963998,88	3388789,58045347	2586367,85165313	5965244,15826718	5965769,19293742
25	1,031	19,035	AC	7° 17,858' E	53° 49,024' N	387927,29	5964513,63	3387896,18312652	2585453,55431097	5965720,81314974	5966284,08459272
26	0,172	19,208	AC	7° 17,823' E	53° 49,115' N	387892,20	5964682,47	3387861,08721612	2585411,35645766	5965888,05654822	5966452,9725414
27	1,691	20,899	AC	7° 18,711' E	53° 49,86' N	388899,80	5966040,92	3388868,96232367	2586360,85195035	5967288,18572743	5967811,81334477
28	0,066	20,965	PX Europe2 IS	7° 18,743' E	53° 49,891' N	388936,24	5966096,30	3388905,41244759	2586394,92643484	5967345,06898616	5967867,20911257
29	0,672	21,637	PX Europe1 IS	7° 19,067' E	53° 50,198' N	389305,54	5966657,62	3389274,81504771	2586740,24955887	5967921,62473608	5968428,68893074
30	0,071	21,708	AC	7° 19,102' E	53° 50,23' N	389344,51	5966716,85	3389313,79587445	2586776,68948091	5967982,46258844	5968487,93579452
31	0,555	22,263	AC	7° 19,394' E	53° 50,475' N	389675,41	5967162,97	3389644,78769607	2587088,50725087	5968442,27617958	5968934,18521872
32	0,036	22,299	AC	7° 19,389' E	53° 50,494' N	389670,78	5967198,71	3389640,16101815	2587082,37395704	5968477,79905137	5968969,93759035
33	2,152	24,451	Traffic Separation Terschelling Approach	7° 17,828' E	53° 51,198' N	387991,19	5968543,73	3387960,10234432	2585347,05338028	5969750,90240491	5970315,33460197
34	1,499	25,950	CX DK-GER1 OOS	7° 16,741' E	53° 51,688' N	386821,22	5969480,64	3386789,80595982	2584138,2663056	5970637,70864941	5971252,5119448
35	7,812	33,762	AC	7° 11,067' E	53° 54,238' N	380723,41	5974363,75	3380690,30369941	2577838,20195093	5975259,5119999	5976137,01512927
36	0,208	33,970	AC	7° 10,969' E	53° 54,334' N	380620,96	5974544,86	3380587,82169518	2577728,15996652	5975436,15002388	5976318,16804723
37	2,246	36,216	12nm boundary	7° 10,607' E	53° 55,526' N	380281,69	5976764,68	3380248,45992915	2577295,20778524	5977640,03953154	5978538,62667466
38	1,992	38,208	AC	7° 10,286' E	53° 56,583' N	379980,69	5978734,13	3379947,37634122	2576911,07117394	5979595,33524991	5980508,62983924
39	0,933	39,141	AC	7° 10,134' E	53° 57,078' N	379838,58	5979856,36	3379805,22496471	2576730,02277465	5980510,90842223	5981431,14164013
40	1,425	40,566	CX UK-GER4 OOS	7° 9,904' E	53° 57,834' N	379622,81	5981064,67	3379589,39523301	2576454,78776915	5981909,05450112	5982839,83362373
41	0,986	41,552	Traffic Separation Terschelling Approach	7° 9,744' E	53° 58,358' N	379473,46	5982039,41	3379440,01005981	2576264,28023494	5982876,77060741	5983814,85104912
42	4,134	45,687	AC	7° 9,074' E	54° 0,552' N	378847,31	5986126,21	3378813,6816179	2575485,48991923	5986934,1042657	5987902,81514669
43	10,229	55,916	CX NeuConnect planned	7° 7,411' E	54° 5,979' N	377298,20	5996237,09	3377264,1429432	2573488,94363402	5996971,95478164	5998016,57127221
44	1,581	57,496	AC	7° 7,153' E	54° 6,818' N	377058,82	5997799,46	3377024,70169929	2573183,47734957	5998523,02929049	5999579,39097714
45	2,490	59,986	Traffic Separation Western Approach	7° 6,747' E	54° 8,139' N	376681,68	6000261,06	3376647,45589006	2572702,18319767	6000966,81091233	6002041,68613532
46	2,972	62,959	AC	7° 6,262' E	54° 9,716' N	376231,57	6003198,93	3376197,21992172	2572127,73091487	6003883,40579937	6004980,39042532
47	2,055	65,013	AC	7° 5,926' E	54° 10,806' N	375920,38	6005230,04	3375885,94774146	2571730,55762043	6005899,80704756	6007012,0858939
48	1,992	67,005	CX DK-NL1 OOS	7° 5,6' E	54° 11,863' N	375618,73	6007198,87	3375584,21309739	2571345,53831467	6007854,35878528	6008981,47002775
49	1,065	68,070	CX DK-NL2 OOS	7° 5,425' E	54° 12,428' N	375457,43	6008251,62	3375422,87193301	2571139,65650926	6008899,4787505	6010034,52382402
50	1,208	69,278	Traffic Separation Western Approach	7° 5,227' E	54° 13,069' N	375274,53	6009445,41	3375239,91679917	2570906,18770669	6010084,60533358	6011228,64942267
51	3,615	72,893	research area	7° 4,634' E	54° 14,987' N	374727,06	6013018,66	3374692,29444471	2570207,32844223	6013631,91756663	6014802,91237321
52	3,675	76,568	AC	7° 4,031' E	54° 16,936' N	374170,46	6016651,49	3374135,53927348	2569496,75404429	6017238,36627782	6018436,78401098
53	0,519	77,087	PX Europe2 IS	7° 3,553' E	54° 16,932' N	373651,90	6016658,51	3373616,83947814	2568978,29550704	6017223,33064991	6018443,79870712
54	5,337	82,423	AC	6° 58,636' E	54° 16,89' N	368315,64	6016730,67	3368279,10260648	2563643,116181	6017068,60732365	6018515,98439626
55	6,231	88,654	CX DK-NL4 OOS	6° 52,897' E	54° 16,821' N	362085,18	6016783,94	3362046,90999	2557415,39969334	6016856,99550818	6018569,26618374
56	0,601	89,256	AC	6° 52,343' E	54° 16,814' N	361483,77	6016789,08	3361445,32930109	2556814,26091459	6016836,56948939	6018574,4094212
57	3,447	92,702	CX TAT-14N OOS	6° 49,168' E	54° 16,764' N	358037,02	6016802,29	3357997,62534417	2553369,8141902	6016703,25990154	6018587,61975139
58	10,294	102,996	AC	6° 39,689' E	54° 16,608' N	347743,15	6016841,74	3347700,89653346	2543083,15190063	6016305,14021625	6018627,073095

59	1.106	104.102	CX TAT-10B OOS	5° 38,67' E	54° 16,59' N	346637,32	6016845,96	3346594,76276998	2541978,13044442	6016262,35632671	6018631,29444148
60	6.491	110,594	AC	5° 32,694' E	54° 16,484' N	340146,00	6016870,73	3340101,64524734	2535491,66036785	6016011,2155778	6018656,07406038
61	0.899	111,492	AC	5° 32,136' E	54° 16,842' N	339564,01	6017555,44	3339519,48720879	2534881,10054474	6016670,56181688	6019340,98043878
62	0.603	112,095	PX Europe1 IS	5° 31,721' E	54° 16,627' N	339099,42	6017171,49	3339054,76739329	2534433,25996345	6016267,22158908	6018956,92374
63	0.461	112,556	AC	5° 31,403' E	54° 16,462' N	338744,33	6016878,04	3338699,58408693	2534090,9775488	6015958,9514982	6018663,39080272
64	1.498	114,054	research area	5° 30,023' E	54° 16,44' N	337246,04	6016889,80	3337200,87771588	2532593,58744637	6015907,02242079	6018675,15388261
65	0.020	114,074	AC	5° 30,005' E	54° 16,439' N	337225,71	6016889,96	3337180,53907354	2532573,26674056	6015906,31771027	6018675,31352303
66	3.702	117,776	CX BorWin3 IS	5° 27,714' E	54° 17,918' N	334839,25	6019719,79	3334793,42393557	2530068,77996368	6018632,05183338	6021505,94546837
67	0.112	117,888	CX COBRAcable IS	5° 27,645' E	54° 17,963' N	334767,00	6019805,47	3334721,14990667	2529992,95219216	6018714,57690063	6021591,6475145
68	0.341	118,229	AC	5° 27,434' E	54° 18,099' N	334547,20	6020066,10	3334501,29057837	2529762,28221158	6018965,62064789	6021852,35607603
69	3.509	121,738	CX DK-NL3 OOS	5° 24,241' E	54° 18,399' N	331105,70	6020748,82	3331058,83415251	2526295,05874206	6019501,36391925	6022535,26325295
70	1.699	123,437	AC	5° 22,694' E	54° 18,544' N	329439,17	6021079,42	3329391,84148471	2524616,09270871	6019760,78777059	6022865,95763923
71	1.107	124,543	AC	5° 21,705' E	54° 18,69' N	328377,07	6021390,01	3328329,44283733	2523541,82249064	6020025,91875385	6023176,63858736
72	0.408	124,951	AC	5° 21,334' E	54° 18,724' N	327977,22	6021469,20	3327929,49110455	2523139,00759419	6020088,02671677	6023255,84750183
73	2.005	126,955	CX Fano-Ove No2 OOS	5° 20,07' E	54° 19,513' N	326662,74	6022982,56	3326614,64273698	2521761,46744126	6021544,00950315	6024769,64019763
74	0.712	127,668	AC	5° 19,621' E	54° 19,793' N	326195,63	6023520,34	3326147,4058588	2521271,95232104	6022061,39499433	6025307,5732955
75	0.291	127,958	CX NorNed IS	5° 19,353' E	54° 19,792' N	325904,99	6023530,34	3325856,68171058	2520981,17242239	6022059,01947096	6025317,57136182
76	0.138	128,096	AC	5° 19,226' E	54° 19,792' N	325767,38	6023535,07	3325719,0301254	2520843,49458423	6022057,89465106	6025322,30517155
77	0.165	128,262	AC	5° 19,081' E	54° 19,819' N	325611,92	6023591,58	3325563,52770167	2520685,78642418	6022107,74196164	6025378,83600098
78	3.591	131,852	CX AC-1B2 IS	5° 16,871' E	54° 21,262' N	323321,44	6026357,05	3323272,41294684	2518279,9680061	6024773,02804663	6028145,08594504
79	1.843	133,695	AC	5° 15,736' E	54° 22,002' N	322145,92	6027776,34	3322096,56913421	2517045,25272199	6026140,87999377	6029564,77818761
80	0.473	134,169	AC	5° 15,444' E	54° 22,191' N	321843,17	6028140,15	3321793,73982404	2516727,33418812	6026491,44230947	6029928,69194977
81	0.678	134,846	AC	5° 15,025' E	54° 22,463' N	321409,64	6028661,12	3321360,08966561	2516272,07599662	6026993,44596357	6030449,81666318
82	0.486	135,332	CX ODIN Seq1 OOS	5° 14,727' E	54° 22,658' N	321100,42	6029036,31	3321050,77526024	2515947,19619347	6027355,09699358	6030825,11235711
83	0.354	135,686	AC	5° 14,509' E	54° 22,801' N	320875,34	6029309,40	3320825,6335778	2515710,72476269	6027618,33259076	6031098,28024356
84	3.313	139,000	AC	5° 12,471' E	54° 24,133' N	318768,15	6031866,10	3318717,86656448	2513496,88340419	6030082,73919514	6033655,70129469
85	2.879	141,879	AC	5° 10,705' E	54° 25,294' N	316943,73	6034093,88	3316892,94153629	2511579,50879145	6032230,55650967	6035884,11197535
86	2.659	144,538	AC	5° 9,072' E	54° 26,365' N	315259,09	6036151,01	3315207,83505756	2509809,02880077	6034213,82106586	6037941,82995437
87	0.829	145,367	CX GlobalTech1 OOS	5° 8,569' E	54° 26,703' N	314741,44	6036798,35	3314690,03770185	2509264,34830564	6034838,4430869	6038589,35684664
88	0.116	145,482	CX Albatros IS	5° 8,499' E	54° 26,75' N	314669,18	6036888,72	3314617,75657645	2509188,3144259	6034925,63592993	6038679,7473166
89	0.037	145,520	AC	5° 8,476' E	54° 26,765' N	314645,70	6036917,96	3314594,36299529	2509163,70627025	6034953,85572148	6038709,00202463
90	0.650	146,170	AC	5° 8,082' E	54° 27,029' N	314240,07	6037425,61	3314188,53246085	2508736,79326899	6035443,68933407	6039216,79073057
91	1.459	147,629	AC	5° 7,186' E	54° 27,618' N	313316,89	6038555,73	3313265,09021845	2507766,44252018	6036533,30122335	6040347,23235193
92	0.024	147,653	AC	5° 7,172' E	54° 27,627' N	313302,14	6038574,41	3313250,34353304	2507750,01957916	6036551,33807833	6040365,02215952
93	0.282	147,935	AC	5° 7,002' E	54° 27,743' N	313127,45	6038795,82	3313075,6033232	2507566,98109214	6036765,0655338	6040587,3869517
94	0.384	148,319	AC	5° 6,771' E	54° 27,9' N	312889,80	6039097,02	3312837,87966466	2507316,74358853	6037055,82890951	6040888,67711248

95	0,008	148,326	AC	5° 6,767' E	54° 27,903' N	312885,07	6039103,01	3312833,15295519	2507311,76805864	6037061,61029737	6040894,66781372
96	0,395	148,721	AC	5° 6,529' E	54° 28,064' N	312640,39	6039413,11	3312588,405451	2507054,13679489	6037360,96473805	6041204,8680222
97	0,081	148,802	AC	5° 6,478' E	54° 28,097' N	312588,75	6039475,33	3312536,75324053	2506999,90301724	6037420,91773895	6041267,09697525
98	0,452	149,254	AC	5° 6,198' E	54° 28,278' N	312300,20	6039823,09	3312248,12467492	2506696,84877158	6037755,92993614	6041614,8679304
99	0,000	149,254	AC	5° 6,198' E	54° 28,278' N	312300,08	6039823,16	3312247,9997403	2506696,7174262	6037756,07885185	6041615,02237426
100	1,567	150,821	AC	5° 5,24' E	54° 28,912' N	311314,36	6041041,37	3311262,01087918	2505660,14707864	6038931,00435281	6042833,58160565
101	0,396	151,217	AC	5° 5,001' E	54° 29,073' N	311068,04	6041351,37	3311015,62002046	2505400,87847198	6039230,1755734	6043143,66585954
102	0,621	152,038	AC	5° 4,503' E	54° 29,408' N	310557,27	6041994,17	3310504,70578039	2504863,26060219	6039850,53223401	6043786,65404572
103	1,128	153,166	AC	5° 3,82' E	54° 29,868' N	309855,61	6042877,22	3309802,85254545	2504124,72282413	6040702,72981052	6044669,94616619
104	1,490	154,656	AC	5° 2,917' E	54° 30,475' N	308928,66	6044043,78	3308875,64648351	2503149,05195329	6041828,53916621	6045836,84311292
105	0,435	155,091	AC	5° 2,655' E	54° 30,653' N	308659,19	6044384,81	3308606,09951259	2502865,33473821	6042157,71188024	6046177,96487535
106	0,364	155,455	AC	5° 2,416' E	54° 30,792' N	308413,12	6044653,26	3308359,96871644	2502608,0951955	6042415,38812488	6046446,49451488
107	0,380	155,835	AC	5° 2,097' E	54° 30,878' N	308075,15	6044827,25	3308021,90149167	2502263,07105042	6042574,78369396	6046620,53347563
108	3,173	159,008	CX Fano-Oye No1 OOS	5° 59,878' E	54° 32' N	305771,50	6047009,41	3305717,61165029	2499868,89915069	6044856,37211951	6048803,31399321
109	1,019	160,027	AC	5° 59,165' E	54° 32,361' N	305031,48	6047710,41	3304977,38272855	2499099,79754755	6045325,05033257	6049504,50923268
110	4,471	164,498	AC	5° 56,047' E	54° 33,948' N	301798,50	6050798,70	3301743,51302897	2495738,69484118	6048272,06528142	6052593,67638815
111	0,009	164,508	AC	5° 56,04' E	54° 33,952' N	301791,87	6050805,10	3301736,87428944	2495731,79221134	6048278,17839258	6052600,08150619
112	0,673	165,181	AC	5° 55,574' E	54° 34,193' N	301308,60	6051274,19	3301253,47544508	2495229,0573067	6048726,13629943	6053069,30689236
113	0,505	165,686	PX Norpipe IS	5° 55,265' E	54° 33,988' N	300959,46	6050909,28	3300904,24236778	2494895,87692537	6048346,73977183	6052704,29377069
114	0,682	166,568	AC	5° 54,726' E	54° 33,63' N	300349,61	6050271,87	3300294,2158707	2494313,89039271	6047684,02785585	6052086,70331721
115	0,263	166,832	PF NOR 9-3	5° 54,481' E	54° 33,632' N	300086,52	6050286,38	3300031,05147912	2494050,47568928	6047687,29225768	6052081,20926046
5*	0,017	0,017	DS HDD Entry Baltrum1	7° 26,6120 E	53° 40,786' N	397205,74	5949018,70	3397177,2001547	2595380,19785896	5950627,72147621	5950784,74933887
6*	1,278	1,297	DE HDD Exit Baltrum1	7° 26,488' E	53° 41,488' N	397088,70	5950322,89	3397060,13016842	2595208,20715747	5951926,15551024	5952089,30660146
14*	0,000	4,212	DS HDD Entry Baltrum1	7° 25,751' E	53° 42,996' N	396339,85	5953135,89	3396311,07162825	2594341,1154265	5954705,79044641	5954903,10859462
15*	1,787	5,999	DE HDD Exit Baltrum1	7° 25,201' E	53° 43,909' N	395772,68	5954842,42	3395743,75289631	2593702,27732451	5956387,30920792	5956610,13095574
5**	0,018	0,018	DS HDD Entry Baltrum1	7° 26,643' E	53° 40,788' N	397230,64	5949020,94	3397202,10706716	2595404,98786419	5950631,00559809	5950786,98497901
6**	1,278	1,297	DE HDD Exit Baltrum1	7° 26,511' E	53° 41,488' N	397113,77	5950323,18	3397085,20972843	2595233,25143719	5951927,50918045	5952089,6025896
14**	0,000	4,212	DS HDD Entry Baltrum1	7° 25,773' E	53° 42,999' N	396364,06	5953142,28	3396335,29025519	2594365,04230889	5954713,19618153	5954909,49820681
15**	1,787	5,999	DE HDD Exit Baltrum1	7° 25,249' E	53° 43,905' N	395824,64	5954834,66	3395795,7245857	2593754,52933392	5956381,73932794	5956602,36047259

\* 2. Kabelschutzrohre (westlich)

\*\* 3. Kabelschutzrohr (östlich)

Planfeststellungsbereich niedersächsisches Küstenmeer

Nachrichtlich: AWZ-Bereich 12 sm-Grenze bis Plattform