

Waypoint Database v16 19th July 2017

Waypoints are given in WGS 84 datum unless otherwise marked. Euro datum waypoints are given with their WGS equivalents (adjusted 0.06' southwards and 0.08' westwards) . # recent changes

UK

	East Coast	Datum				
00010	Orford Ness Lighthouse		52 04.97N	01 36.87E		
00020	Cutler 3cSE		51 58.00N	01 28.00E		
00030	Platters		51 55.55N	01 21.00E		
00040	NE Gunfleet .5nmE		51 50.00N	01 29.00E		
00050	Gunfleet Sand		51 47.00N	01 18.00E		
00060	Wallet Spitway		51 43.50N	01 08.00E		
00070	NE Middle		51 42.29N	01 14.08E		
00080	East Barrow No. 5		51 40.00N	01 17.00E		
00090	East Barrow No. 7		51 37.50N	01 14.12E		
00100	Knock John		51 34.00N	01 08.00E		
00110	SW Barrow		51 32.00N	01 00.00E		
00120	Sea Reach No. 1		51 29.63N	00 52.95E		
	Thames					
00130	Sea Reach No. 3		51 29.38N	00 47.04E		
00140	Sea Reach No. 5		51 30.09N	00 41.00E		
00150	Sea Reach No. 7		51 30.20N	00 38.00E		
00160	Mid Blyth NCM		51 30.30N	00 33.00E		
00170	Mucking SHM		51 29.89N	00 28.26E		
00180	Coalhouse Point		51 27.08N	00 26.21E		
00190	Tilbury East		51 26.90N	00 22.00E		
00200	Tilbury Ness		51 27.00N	00 20.30E		
00210	Broadness		51 28.25N	00 18.70E		
00220	Dartford		51 27.45N	00 16.60E		
00230	Purfleet		51 29.10N	00 13.00E		
00240	Erith		51 29.15N	00 10.90E		
00250	Rainham Marshes		51 30.25N	00 10.40E		
	Medway					
00260	Gillingham Marina		51 23.93N	00 33.73E		
00270	Hoo Island		51 23.99N	00 35.08E		
00280	Darnet Ness		51 24.57N	00 35.74E		
00290	Bishop Ooze		51 24.59N	00 38.32E		
00300	Stoke Shoal SHM		51 25.70N	00 39.90E		
00310	Medway Victoria SHM		51 25.79N	00 43.03E		
00320	Sheerness Garrison Point		51 26.90N	00 44.50E		
	Kent					
00330	Red Sand Towers		51 28.60N	00 58.00E		
00340	Shivering Sand Towers		51 29.50N	01 04.00E		
00350	N of Margate Sand		51 29.00N	01 26.00E		
00360	Medway Approach Channel		51 27.57N	00 46.13E		
00370	Spile SHM		51 26.31N	00 55.37E		
00380	Margate Horse Channel		51 25.00N	01 10.00E		

00390	Margate Hook Spit		51 24.02N	01 12.11E		
00400	Margate Gore Channel		51 23.80N	01 16.50E		
00410	Margate South Channel		51 23.80N	01 20.00E		
00420	Margate		51 24.40N	01 23.00E		
00430	North Foreland		51 24.40N	01 27.70E		
00440	Goodwin Knoll		51 19.45N	01 33.00E		
00450	Goodwin ECM		51 16.00N	01 36.90E		
00460	E of S Goodwin PHM		51 10.60N	01 36.90E		
00470	Medway SWM		51 28.75N	00 52.75E		
00480	Queenborough Spit (see 01110)		51 25.52N	00 43.92E		
00490	Broadstairs Knoll (3cNW)		51 21.00N	01 29.00E		
00500	Ramsgate Buoyed Channel		51 19.50N	01 28.00E		
00510	Kentish Knock (3nm E)		51 38.33N	01 40.23E		
00520	The Downs		51 13.20N	01 27.00E		
	South Coast					
00530	Dover (3nm ESE)		51 06.00N	01 24.00E		
00540	Dungeness Point (1nm SE)		50 54.00N	01 00.00E		
00550	Hastings (2nm S)		50 49.30N	00 35.55E		
00560	Sovereign Harbour (0.5nm E)		50 47.40N	00 21.00E		
00570	Beachy Head (5nm SE)		50 41.50N	00 22.00E		
00580	Littlehampton (8nm SSE)	#	50 42.40 N	00 24.00W		
00590	Selsey Bill (6nm SE)		50 37.65N	00 41.33W		
00600	Pullar Gap		50 41.60N	00 48.92W		
00610	Chichester Harbour 4.3nm SSE	##	50 41.48N	00 00.53W		
00620	Horse Tail	##	50 43.80N	01 01.60W		
00630	Horse Sand (0.5nmW)	#	50 44.85N	01 05.51W		
00640	Gilkicker Point (0.5nm SW)		50 46.00N	01 09.00W		
00650	Browdown		50 46.50N	01 11.00W		
00660	Mother Bank (0.5nm N)		50 45.50N	01 12.00W		
00670	Cowes Roads		50 46.20N	01 18.00W		
00680	Gurnard (0.5nm NW)		50 46.00N	01 20.50W		
00690	Lymington Spit	#	50 44.05N	01 30.14W		
00700	Pullar Inshore		50.41.60N	01 48.95W		
00710	Hurst Narrows		50 42.20N	01 32.50W		
00720	Shingles (0.1nm SSW)	#	50 39.75N	01 36.83W		
00730	Needles Fairway Buoy		50 38.20N	01 38.90W		
00740	Beachy Head 2		50 40.63N	00 13.76E		
00750	Brighton Marina		50 48.20N	00 06.45W		
00760	Ramsgate		51 19.50N	01 25.54E		
	Channel Islands					
00770	Braye Harbour (1.9nm NE)		49 45.00N	02 10.00W		
00780	1nm NE Braye on leading light		49 44.20N	02 11.00W		
00790	1nm W of Braye breakwater		49 44.20N	02 13.00W		
00800	Burhou (6c S)		49 43.30N	02 15.00W		
00810	Alderney (2.5nm SW)		49 40.00N	02 15.00W		
00820	St Martins Transit		49 32.66N	02 25.72W		
00830	Belvedere House Transit		49 29.45N	02 28.29W		
00840	St Peter Port (0.3nm)		49 27.35N	02 31.27W		

00850	Point Corbiere (2nmW)		49 10.00N	02 18.00W		
00860	Banc de St Brelade		49 09.65N	02 12.40W		
00870	St Helier leading light		49 09.84N	02 07.43W	49 09.84N	02 07.43W
00880	Elizabeth Marina		49 10.70N	02 07.19W		
00890	Yarmouth IOW		50 42.42N	01 30.05W		
00900	Yarmouth IOW Approach		50 42.83N	01 29.97W		
00910	St Helier		49 10.47N	02 07.04W		
	Yarmouth/Lowestoft					
00920	Hollesley Bay N	#	52.04.12N	01 32.61E		
00930	Newcome Sand 2cE		52 26.25N	01 47.35E		
00940	Stanford Gateway (S. Holm)		52 26.75N	01 47.00E		
00950	Lowestoft N. Newcombe 1.5NE		52 28.50N	01 46.50E		
00960	Holm Approach (1.5cW)	#	52 30.00N	01 46.70E		
00970	Gt. Yarmouth Hbr. Approach	#	52 34.45N	01 46.25E		
00980	Gt. Yarmouth Hbr 1cE		52 34.35N	01 44.70E		
00990	Cockle EC (1.5nmE)		52 43.00N	01 46.50E		
01000	Shipwash ECM		51 54.73N	01 38.59E		
01010	Southwold Piers	#	52 18.80N	01 40.50E		
01020	Southwold Approach	#	52 18.00N	01 42.00E		
01030	Long Sand Head	#	51 48.00N	01 40.00E		
01040	Nore Swatch		51 28.21N	00 45.69E		
01050	W Nore Sand		51 29.51N	00 40.79E		
01060	Lowestoft Harbour (3cE)		51 28.30N	01 45.55E		
01070	Harwich Haven		51 55.64N	01 32.02E		
01080	Cork Sand .5nm (see 01700)	#	51 55.50N	01 26.04E		
01090	Holm Channel	#	52 34.00N	01 47.35E		
01100	S. Corton SCM		52 32.77N	01 48.70E		
01110	Queenborough Jetty (see 00480)		51 25.00N	00 44.15E		
01120	E Blyth		51 30.00N	00 37.00E		
	North East					
01130	Cromer		52 56.80N	01 23.60E		
01140	Blakeney Approach		52 59.80N	00 57.80E		
01150	Inner Dowsing		53 19.50N	00 35.00E		
01160	Haile Sand E		53 32.00N	00 14.00E		
01170	Haile Sand W		53 32.00N	00 10.00E		
01180	Clee Ness		53 35.00N	00 01.70E		
01190	Humber Power Diffusers		53 37.20N	00 07.30W		
01200	S. Killingholme Oil Jetty		53 39.20N	00 12.40W		
01210	Saltend Jetties		53 43.50N	00 15.30W		
01220	Alexandra Dock		53 44.40N	00 17.50W		
01230	Hull Marina		53 44.13N	00 20.08W		
01240	Grimsby Road		53 35.80N	00 02.50W		
01250	Grimsby Marina		53 35.20N	00 03.80W		
	Harwich & Orwell					
01260	Harwich Crossing North		51 55.60N	01 20.30E		
01270	Harwich Crossing South		51 55.35N	01 20.30E		
01280	Harwich Crossroads		51 55.30N	01 18.45E		
01290	North Shelf Anchorage		51 56.70N	01 18.50E		

01300	Shotley Spit		51 57.20N	01 17.75E		
01310	Shotley Approach		51 57.03N	01 16.88E		
01320	Shotley Channel		51 57.25N	01 16.74E		
01330	Shotley Marina		51 57.50N	01 16.60E		
01340	College PHM		51 57.60N	01 17.40E		
01350	Fagbury Point Reporting		51 58.00N	01 16.60E		
01360	Collimer Point		51 59.21N	01 16.54E		
01370	Levington (SYH)		51 59.44N	01 16.12E		
01380	Bay SHM		51 59.88N	01 14.15E		
01390	Potter Point		52 00.00N	01 13.00E		
01400	Park Bite		52 00.41N	01 12.38E		
01410	Woolverstone		52 00.55N	01 11.46E		
01420	Freston Reach		52 01.23N	01 10.19E		
01430	Orwell Yacht Club		52 02.08N	01 09.38E		
01440	Swing Bridge		52 02.80N	01 09.74E		
	Breydon Water					
01450	Breydon (inland)		52 35.39N	01 38.82E		
01460	Breydon (elbow)		52 35.71N	01 38.96E		
01470	Breydon straight (A)		52 35.89N	01 39.51E		
01480	Breydon straight (B)		52 36.16N	01 40.66E		
01490	Wells Appr. 0.5nm NW WCM		53 00.00N	00 50.00E		
	West Country					
01500	St Albans Head (6.3nm SW)		50 30.00N	02 10.00W		
01510	Weymouth Harbour ldg line		50 36.87N	02 25.77W		
01520	Weymouth Harbour entrance		50 36.52N	02 26.71W		
01530	Isle of Portland		50 33.50N	02 19.20W		
01540	Bill of Portland		50 26.80N	02 19.20W		
01550	Dartmouth Approach		50 18.00N	03 30.00W		
01560	Castle Ledge SHM		50 19.50N	03 32.80W		
01570	Checkstone PHM		50 20.63N	03 33.88W		
01580	The Bight		50 20.76N	03 34.45W		
	Solent					
01590	Itchin Bridge (was 01680)		50 53.93N	01 23.06W		
01600	Hythe Marina	#	50 52.80N	01 23.65W		
01610	Esso Terminal		50 50.71N	01 19.99W		
01620	Thorn Channel NCM		50 48.57N	01 17.13W		
01630	Southsea		50 46.15N	01 05.47W		
01640	Portsmouth		50 47.62N	01 06.85W		
01650	Bramble ECM	#	50 47.24N	01 13.46W		
01660	Bramble Bank (S)		50 46.93N	01 17.82W		
01670	Bramble Channel (S)		50 47.18N	01 19.03W		
	Thames Estuary					
01680		#				
01690	NE Bawdsey		52 01.46N	01 36.42E		
01700	Cork Sand PHM (see also 01080)	#	51 55.70N	01 25.65E		
01710	Roughs Tower		51 54.00N	01 29.00E		
01720	Sunk		51 52.00N	01 35.00E		
01730	Long Sand Head		51 50.00N	01 40.00E		

01740	Blacktail Spit		51 31.32N	00 56.80E		
01750	West Swin		51 33.92N	01 02.55E		
01760	Maplin Edge		51 35.50N	01 04.00E		
01770	Middle Deep		51 39.70N	01 10.28E		
01780	Whittaker Spit		51 41.07N	01 09.86E		
01790	East Swin		51 45.00N	01 22.00E		
01800	Medway No10		51 27.86N	00 47.68E		
01810	Medway Approach F/W Buoy		51 28.79N	00 52.79E		
01820	Lapwell Bank		51 26.11N	00 44.04E		
01830	Limehouse		51 30.52N	00 02.28W		
01840	Limekiln Wharf		51 30.44N	00 01.92W		
01850	Canary Wharf (S)		51 30.23N	00 01.74W		
01860	South Dock Marina		51 29.67N	00 01.85W		
01870	Canvey Jetty Deptford		51 29.21N	00 01.46W		
01880	Greenwich Pier		51 29.08N	00 00.89W		
01890	Greenwich Power Station		51 29.15N	00 00.29W		
01900	Blackwall Reach (S)		51 29.48N	00 00.00W		
01910	Poplar Docks		51 30.22N	00 00.29W		
01920	Millennium Dome (O2)		51 30.43N	00 00.26E		
01930	Hook Ness		51 29.84N	00 01.22E		
01940	Galleons		51 29.84N	00 04.30E		
01950	Margaret Ness (Thames Bar'r Ct		51 30.60N	00 05.31E		
01960	Dagenham Wharf		51 30.92N	00 07.88E		
01970	Queenborough Spit		51 25.80N	00 43.98E		
01980	NE Middle ECM		51 42.00N	01 21.00E		
01990	Shadwell Basin		51 30.45N	00 02.82W		
02000	Wapping Piers		51 30.08N	00 03.56W		
02010	St Katherine's Docks		51 30.28N	00 04.41W		

France and Channel Islands

02020	Banc Desommes WCM		49 19.30N	02 19.60W		
02030	Banc de Saint Marcouf North		49 30.50N	01 07.70W		
02040	Pointe de Coatmer		48 48.30N	03 05.51W		
02050	Lezardrieux Marina		48 47.38N	03 05.88W		
02060	Olenoyere PHM		48 48.70N	03 05.21W		
02070	La Croix Lighthouse		48 50.28N	03 03.33W		
02080	Nord Horaine NCM		48 55.24N	02 55.38W		
02090	Chenal de la Grand Porte		48 40.16N	02 08.50W		
02100	Le Grand Jardin		48 40.20N	02 05.18W		
02110	Bassin Vaubin Lock		48 38.56N	02 01.58W		
02120	Mole des Noires		48 38.48N	02 01.95W		
02130	Les Grelots SCM		48 39.09N	02 03.05W		
02140	Roche aux Anglais		48 39.67N	02 02.21W		
02150	Basse des Grands Pointus		48 42.72N	02 00.21W		
02160	NE Minquiers NCM		49 01.44N	01 54.08W		
02170	St Helier Eastern Passage		49 07.94N	02 05.08W		
02180	Cap de la Hague (2.5nm NW)		49 45.00N	02 00.00W		
02190	Pointe Jardeheu		49 44.00N	01 51.00W		
02200	Cherbourg West Entr. (0.5nm)		49 41.00N	01 39.40W		

02210	Cherbourg East		49 41.00N	01 35.70W		
02220	Cap Levi		49 44.00N	01 29.00W		
02230	Basse de Renier		49 45.00N	01 22.00W		
02240	Pointe Barfleur		49 42.45N	01 13.61W		
02250	Illes St Marcouf		49 29.60N	01 08.70W		
02260	Pointe de Saire		49 36.96N	01 11.36W		
02270	Le Gavendest 1		49 34.30N	01 13.50W		
02280	Le Gavendest 2		49 34.25N	01 14.08W		
02290	St Vaast		49 35.20N	01 15.38W		
02300	Roch Levret PHM		48 49.47N	03 04.29W		
02310	Rampa IDM		48 49.52N	03 02.79W		
02320	La Chambre SCM		48 50.01N	02 59.29W		
02330	Ar Bonn Krenv ECM		48 49.21N	02 57.50W		
02340	La Jument PHM		48 47.49N	02 58.27W		
02350	El Bras SH Beacon		48 47.20N	03 01.36W		
02360	Paimpol Jetee de Kernea PHM		48 47.12N	03 02.42W		
02370	Chenal de la Jument		48 47.52N	02 56.60W		
02380	Rade de Portrieux		48 38.82N	02 48.44W		
02390	Saint Quay Marina		48 38.82N	02 48.92W		
02400	Comme tu pourras ECM		48 37.78N	02 47.48W		
02410	Binic Approach		48 36.53N	02 47.47W		
02420	Binic Channel		48 35.91N	02 48.77W		
02430	Binic Entrance		48 36.08N	02 48.99W		
02440	Mouillage de Binic		48 36.80N	02 46.04W		
02450	Basse d'Erquy		48 37.86N	02 31.82W		
02460	Roche Plage des Coudrais		48 39.67N	02 27.94W		
02470	Cap Frehel		48 41.66N	02 19.62W		
02480	SW Minkies		48 54.04N	02 20.00W		
02490	Platte Foug		49 30.70N	02 27.00W		
02500	St Floxel ECM		49 30.65N	01 13.60W		
02510	Rade de la Chapelle	#	49 25.50N	01 05.03W		
02520	Grandcamp Entrance	#	49 23.59N	01 03.05W		
02530	Pte Cabourg (Dives Fairway)		49 19.17N	00 05.98W		
02540	Pte du Connebar		49 22.72N	00 36.54W		
02550	SSW Essarts de Langrune NCM		49 22.28N	00 21.62W		
02560	Ouistreham Approach		49 19.64N	00 14.47W		
02570	Ouistreham Lighthouse		49 17.22N	00 14.79W		
02580	Trouville SW WCM		49 22.93N	00 03.63E		
02590	Trouville harbour		49 21.98N	00 04.51E		
02600	Ratelets WCM		49 25.41N	00 01.36E		
02610	Chenal de Rouen No 4 PHM	#	49 27.62N	00 00.70E		
02620	Amfard SW PHM		49 26.34N	00 04.80E		
02630	Chenal de Rouen No 12 PHM		49 26.13N	00 06.39E		
02640	Chenal de Rouen No 20 PHM		49 25.86N	00 13.90E		
02650	Honfleur channel entrance		49 25.66N	00 13.90E		
02660	Beaucette Marina		49 30.19N	02 30.22W		
02670	Beaucette Approach		49 30.05N	02 28.50W		
02680	Roussel Beacon		49 29.27N	02 28.90W		

02690	St Sampson's Approach		49 28.70N	02 29.64W		
02700	St Sampson Clocktower		49 29.03N	02 31.50W		
02710	Le Bunel WCM		48 41.14N	02 05.70W		
02720	Semoiy ECM		49 24.20N	00 02.45E		
02730	Seine Entrance Fairway	#	49 29.80N	00 01.97E		
02740	Cap d'Antifer (6nmNW)	#	49 42.32N	00 00.34E		
02750	Fecamp entrance (.6mW)		49 45.76N	00 20.34E		
02760	Fecamp entrance		49 45.91N	00 21.80E		
02770	Le Havre (was Fecamp Entr.)	#	49 29.12N	00 05.47E		
02780	Veulettes (2mN)		49 52.50N	00 36.00E		
02790	St Valery west jetty (0.5mN)		49 53.00N	00 42.50E		
02800	St Valery entrance		49 52.41N	00 42.56E		
02810	Boulogne north mole		50 44.70N	01 33.87E		
02820	Boulogne harbour elbow		50 44.20N	01 34.40E		
02830	Boulogne entrance		50 43.65N	01 35.84E		
02840	Boulogne marina visitors		50 43.47N	01 36.02E		
02850	Rade d'Ambleteuse #		50 48.55N	01 33.82E		
02860	Cap Gris Nez		50 53.40N	01 32.95E		
02870	Dpieppe Approach		49 56.40N	01 05.00E		
02880	Roches d'Ailly NCM		49 56.80N	00 56.80E		
02890	Port-en-Bassin Approach		42 21.45N	00 45.21W		
02900	W of Calais RCW NCM		51 01.50N	01 41.90E		
02910	Ridens de Calais WCM		50.59.00N	01 45.00E		
02920	Calais CA SHM		50.58.00N	01 45.50E		
02930	Calais Entrance		50 58.30N	01 50.00E		
02940	Appr Chanel de l'Ouest		51 02.06N	01 52.32E		
02950	Dunkerque East		51 03.98N	02 21.12E		
02960	N of Zuydcoote		51 04.79N	02 27.23E		
02970	Port en Bassin Harbour	#	49 21.11N	00 45.43W		
02980	Point du Hoc	#	49 24.82N	01 01.40W		
02990	Broadsword 2c SW		49 24.68N	00 54.96W		

Belgium/Netherlands

03000	Nieuwpoort Approach		51 09.95N	02 42.00E		
03010	Nieuwpoort Harbour		51 08.64N	02 44.29E		
03020	Oostende Idg line		51 14.69N	02 54.35E		
03030	Zinker NCM		51 18.17N	03 01.58E		
03040	Zeebrugge Z SHM		51 22.73N	03 09.97E		
03050	Zeebrugge Z2 PHM		51 21.38N	03 12.10E		
03060	Zeebrugge Flanders Kaai		51 20.95N	03 12.43E		
03070	Zeebrugge Westhoofd		51 20.54N	03 11.90E		
03080	Zeebrugge 2e Militair Tijdok		51 20.01N	03 11.70E		
03090	Zeebrugge Vissershaven		51 19.89N	03 11.84E		
03100	Vlissingen HSS NCM (1mW)		51 25.91N	03 36.19E		
03110	Vlissingen entrance		51 26.40N	03 36.15E		
03120	Sas van Goes		51 32.33N	03 56.23E		
03130	Marina Kats		51 34.30N	03 54.60E		
03140	Zeelandbrug E		51 37.07N	03 54.73E		
03150	Ziereksee entrance		51 37.81N	03 53.46E		

03160	Yerseke channel		51 30.90N	04 02.57E		
03170	Yerseke harbour		51 29.92N	04 03.54E		
03180	Stavenisse		51 35.95N	04 00.00E		
03190	St Philipsland Fairway		51 37.60N	04 04.50E		
03200	West Hinder		51 22.90N	02 25.50E		
03210	S of West Hinder Tss		51 20.56N	02 26.93E		
03220	Oost Dyck NCM		51 21.65N	02 31.00E		
03230	Oostendebank N NCM		51 21.50N	02 52.65E		
03240	Blankenberge ldg line		51 19.95N	03 04.70E		
03250	Blankenberge entrance		51 18.93N	03 06.51E		
03260	Wielingen Noord		51 25.90N	03 28.25E		
03270	GVW8 PHM		51 28.60N	03 24.96E		
03280	Grauw WCM		51 33.00N	03 15.00E		
03290	East Coast Approach		52 10.00N	02 18.00E		
03300	Bruinisse		51 39.65N	04 07.02E		
03310	Krammersluis		51 40.07N	04 09.25E		
03320	Ijmuiden Approach		52 28.60N	04 26.79E		
03330	Ijmuiden Seaport Marina		52 27.81N	04 33.59E		
03340	Enkhuizen N Approach		52 43.30N	05 20.39E		
03350	Ijmuiden Channel		52 24.56N	03 54.44E		
03360	Norder Guende		53 59.08N	08 07.90E		
03370	Enden East		53 20.89N	07 20.66E		
03380	Wilhelmshaven		53 32.94N	08 10.58E		
03390	Wangerooser Fahrwasser		53 50.83N	07 50.57E		
03400	Delfzijl Eemskanaal		53 19.46N	06 56.64E		
03410	Delfzijl Zeehavenkanaal		53 18.78N	07 00.22E		
03420	Delfzijl leading line		53 19.35N	07 00.62E		
03430	Rysumer		53 21.01N	06 59.36E		
03440	Robben Platt		53 26.05N	06 55.00E		
03450	Randzelgat SE		53 30.30N	06 47.60E		
03460	Blaue Balge		53 47.42N	08 01.86E		
03470	Wanger Siel		53 41.01N	08 05.20E		
03480	Seng&Longwarden		53 35.78N	08 10.39E		
03490	Fischerbalje		53 33.07N	06 42.65E		
03500	Borkum Approach		53 33.32N	06 44.46E		
03510	Borkum Yacht Haven		53 33.44N	06 44.50E		
03520	Borkum Eems Channel		53 32.95N	06 41.71E		
03530	Hohes Rift		53 36.76N	06 33.30E		
03540	Eems Fairway Buoy		53 36.90N	06 20.57E		
03550	Borkum Riffgrund		53 45.01N	06 40.12E		
03560	Weser		53 54.90N	07 46.86E		
03570	Helgoland -O		54 08.56N	07 53.35E		
03580	Voorhaven Approach		54 10.04N	07 54.28E		
03590	Binnenhaven 2		54 10.49N	07 54.13E		
03600	Binnenreede		54 10.74N	07 53.46E		
03610	Binnenhavenfuel		54 10.67N	07 53.34E		
03620	Fehmam N Pass. (was 03940)		54 32.93N	11 07.03E		
03630	Riffgatt F		53 38.90N	06 27.25E		

03640	Hogstean		54 09.56N	07 53.98E		
03650	Elbe Channel		53 59.21N	08 19.91E		
03660	Mittelgrund North		53 57.70N	08 34.56E		
03670	Mittelgrund East		53 56.98N	08 37.59E		
03680	Steilsand		53 55.97N	08 39.36E		
03690	Cuxhaven Yacht Haven		53 52.48N	08 42.57E		
03700	Altenbruch Yacht Haven		53 50.48N	08 46.36E		
03710	Glaneyer		53 50.18N	08 50.83E		
03720	Osteriff		53 51.02N	08 59.96E		
03730	Brunsbüttel		53 52.54N	09 06.27E		
03740	Kieler Forde (was 03950)		54 28.00N	10 18.26E		
03750	Rodvig F/W 1.6nm E		55 14.30N	12 26.60E		
03760	Dragor SCM		55 31.81N	12 42.65E		
03770	N Nordre Rose F/W		55 39.00N	12 41.50E		
03780	Trekromer E		55 41.95N	12 37.80E		
03790	Trekromer W		55 41.90N	12 36.40E		
03800	Christianhaven		55 40.75N	12 35.75E		
03810	Helsingor Nordhaven Jaht		56 02.62N	12 37.15E		
03820	Helsingor Approach		56 02.77N	12 37.83E		
03830	Koge Approach		55 27.70N	12 15.30E		
03840	Koge		55 28.26N	12 12.02E		
03850	Bogeskov 2nmE		55 22.96N	12 28.55E		
03860	Mon 2nm SE		54 55.35N	12 34.75E		
03870	Klinkham Approach		54 56.88N	12 27.55E		
03880	Klinkham Yacht haven		54 57.08N	12 27.76E		
03890	Gedser Odde		54 30.45N	12 00.30E		
03900	Rodsonde Pendes		54 32.35N	11 56.20E		
03910	Gedser Haven		54 34.24N	11 55.56E		
03920	Kroghage Pynt		54 34.41N	11 54.98E		
03930	Gedser Yaht Hvn		54 34.84N	11 54.97E		

East Coast and Deben etc. (see also 04400 to 04450)

03940	Felixtowe Ledge (see 04410)	#	51 57.04N	01 24.15E		
03950	Woodbridge Haven FWB	#	51 58.00N	01 23.63E		
03960	Mid Knoll SHM (see 04430)	#	51 58.70N	01 23.35E		
03970	Deben PHM	#	51 59.20N	01 23.50E		
03980	Horse Sand N (see also 04440)	#	51 59.85N	01 23.28E		
	Crouch Estuary					
03990	Crouch No3 (inner)		51 38.05N	00 57.89E		
04000	Wallet Spitway		51 41.87N	01 08.55E		
04010						
04020	Whitaker		51 39.93N	01 03.19E		
04030	S Buxey NCM		51 39.65N	01 00.69E		
04040	Sunken Buxey No 1		51 39.09N	01 01.07E		
04050	Buxey No2		51 39.12N	01 00.10E		
04060	Holwell Point		51 37.30N	00 55.52E		
04070	Horse Shoal		51 37.11N	00 51.51E		
04080	Fairway No 1		51 37.07N	00 50.98E		
04090	Burnham Yacht Harbour		51 37.43N	00 48.30E		

	Blackwater				
04100	Blackwater Bench Head	#	51 44.50N	01 01.20E	
04110	Sales Point		51 45.55N	00 56.28E	
04120	Inner Whitaker	#	51 40.80N	01 09.21E	
40130					
	Upper Crouch				
04140	Wallasey Island		51 37.19N	00 49.50E	
04150	Baltic Terminal No 13 SHM		51 37.43N	00 47.41E	
04160	Cliff Summer Buoy (Y)		51 38.34N	00 45.90E	
04170	Canewdon Buoy (Y)		51 37.97N	00 44.93E	
04180	Raypits Reach		51 38.01N	00 44.04E	
04190	Landsand Point		51 38.23N	00 43.46E	
04200	Shortpole Reach		51 38.12N	00 42.73E	
04210	Longpole Reach		51 38.12N	00 39.81E	
04220	Stow Creek		51 38.23N	00 39.55E	
04230	Westwick Marina Channel		51 38.62N	00 39.58E	
04240					
	Channel Islands (see France and Channel Islands)				
04250	N of the Great Bank		49 27.43N	02 30.64W	
04260	Tobars Passage		49 27.37N	02 28.15W	
04270	Les Barrarettes		49 27.16N	02 27.90W	
04280	S of Meulettes		49 27.52N	02 26.88W	
04290	E of Putrainez		49 27.90N	02 25.85W	
04300	Shell Bay Anchorage		49 28.57N	02 26.30W	
04310	Boue Marquand		49 27.70N	02 29.98W	
04320	Herm Harbour (Barrels onshore)		49 28.25N	02 27.09W	
04330	Platte Boue, Lt Russel Approach		49 31.61N	02 25.41W	
04340					
04350	Dielette Approach		49 34.15N	01 53.92W	
04360	Basse de L'Estafette		49 39.30N	01 59.60W	
04370	Cap de la Hague (outer 3.2nm)		49 45.96N	01 59.29W	
04380	Vermerette WNN		49 28.14N	02 27.90W	
04390	Herm Passage Crossing		49 28.08N	02 27.98W	
	East Coast and Deben etc.		03940-03980	See also	
04400	Woodbridge	#	51 59.40N	01 23.54E	
04410	Felictowe Ledge (see 03940)	#	51 57.00N	01 24.17E	
04420	West Knoll	#	51 58.30N	01 23.16E	
04430	Mid Knoll (see 03960)	#	51 58.59N	01 23.33E	
04440	Horse Sand (see 03980)	#	51 59.75N	01 23.42E	
04450	Harwich Small Craft Channel	#	51 58.80N	01 20.30E	
	Unallocated				
04460					
04470					

04480					
04490					
04500					
04510					
04520					
04530					
04540					
04550					
	Denmark				
04560	Preasto		55 07.53N	12 02.50E	
04570	Lillholme		55 07.87N	12 03.37E	
04580	Praesto Naeb		55 07.87N	12 04.58E	
04590	Feddet W		55 07.92N	12 05.42E	
04600	Feddet		55 08.07N	12 06.39E	
04610	Mademe		55 08.00N	12 06.81E	
04620	Stenrosen		55 08.20N	12 07.55E	
04630	Nordmandjhvn		55 10.62N	12 07.71E	
04640	FalseLodeplads		55 11.20N	12 10.61E	
04650	Hvidesnind		54 51.80N	10 56.42E	
04660	Tars Point		54 54.65N	10 55.98E	
04670	N Lolland		54 39.32N	11 04.58E	
04680	Vejro VflK		55 03.31N	11 16.70E	
04690	Vejro Scenic W		55 01.12N	11 18.43E	
04700	Vejro Scenic S		55 01.12N	11 18.43E	
04710	Venegrund		55 04.35N	11 30.00E	
04720	Vordingborg W		55 00.45N	11 50.99E	
04730					
04740	KnudsskovRev		55 02.27N	11 39.58E	
04750	Masnedsund		55 01.85N	11 46.63E	
04760	Klappbwick W		55 00.08N	11 52.27E	
04770	Syndhaven		54 59.06N	11 55.89E	
04780	Kirkgrund		54 58.62N	11 56.94E	
04790	Marienlyst		54 59.50N	11 56.62E	
04800	Vordingborg Havn		55 00.24N	11 54.92E	
04810	NyFarvand		54 58.32N	11 57.74E	
04820	Skippergrund		54 58.39N	11 58.75E	
04830	Farobruck		54 57.83N	12 00.59E	
04840	Lilleo		54 57.51N	12 02.63E	
04850	Toero		54 57.59N	12 03.40E	
04860	Petersvaert		54 58.26N	12 05.13E	
04870	Lango Vrid		54 58.20N	12 05.70E	
04880	Dovenaas		54 57.87N	12 05.90E	
04890	Korso		54 57.90N	12 06.86E	
04900	Ulvsund		54 58.63N	12 08.63E	
04910	Kosterbruche		54 59.35N	12 09.70E	
04920	KalvehaveJach Hvn		54 59.60N	12 10.45E	
04930	Knigge ECM		55 00.53N	12 11.33E	

04940	Stengrund		55 02.19N	12 11.00E		
04950	Kindvig Hoved		55 02.85N	12 09.53E		
04960	Langgrund		55 03.40N	12 09.30E		
04970	Stavesnakke		55 04.35N	12 09.72E		
04980	Boggenakke		55 05.66N	12 11.15E		
04990	Midesiiefe Boggsrtum		55 07.74N	12 15.67E		
05000						

#recent changes