

April 2026

UK Hydrographic Office and SHOM S-100 data specifications

S-100 ECDIS project across the Channel

UK Hydrographic Office

S-101 product specification

Cell name	Edition/Update	Description	File size	Totals
GB003DEVQ0	1	South of the Isle of White	1.772 KB	
GB003DEVRO	1	Southampton to Chichester Harbour	404 KB	
GB004DEVQK	1	Eastern Approach to The Solent	902 KB	
GB004DEVQP	1	Eastern Approach to The Solent	315 KB	
GB005DEVQC	1	The Solent - West	726 KB	
GB005DEVQD	1	The Solent - Middle	690 KB	
GB005DEVQE	1	The Solent – Middle	979 KB	

GB005DEVQF	1.1	The Solent and Gosport	1549 KB	
GB005DEVQG	1	The Solent - East	676 KB	
GB005DEVQH	1	The Solent - East	501 KB	
GB005DEVRA	1.1	Southampton and Beaulieu River	603 KB	
GB005DEVRB	1	Port of Southampton	433 KB	
GB005DEVRC	1.1	Southampton Water	1371 KB	
GB005DEVRD	1	Upper River Itchen	476 KB	
GB005DEVRE	1	The Solent - North	373 KB	
GB005DEVRF	1.1	Portsmouth Harbour	1748 KB	
GB005DEVRG	1.1	Langstone Hr. And Portsmouth	1066 KB	
GB0061032A	1	Saint Hellier	882 KB	
GB0062022A	1	Port Hamble to Botley	1087 KB	
GB00410100	1	Channel Islands North East Approaches	216 KB	
GB00410300	1	Channel Islands South East Approaches	246 KB	
GB00510110	1	Channel Islands – Alderney and the Casquets	1326 KB	
GB00510210	1	Channel Islands – Guernsey – Sark and Herm	3568 KB	
GB00510310	1	Channel Islands – Jersey – North Coast	1181 KB	
GB00510320	1	Approaches to St Hellier	1250 KB	
GB00510330	1	Channel Islands – Jersey – East Coast	981 KB	
GB00602793	1	Cowes Harbour and River Medina	1062 KB	
				26.320 KB
				8.816 KB Compressed

S-102 product specification

Cell name	Edition/Update	File size	Totals
GB004N4900W00200	1	298 KB	
GB004N4900W00220	1	761 KB	
GB004N5050W00100	1	2.86 MB	
GB004N5050W00120	1	2.61 MB	
GB005N4910W00220	1	2.86 MB	
GB005N4940W00250	1	1.91 MB	
GB005N4940W00260	1	1.93 MB	
GB005N5070W00100	1	5.49 MB	
GB005N5070W00110	1	6.20 MB	
GB005N5070W00120	1	4.78 MB	
GB005N5070W00130	1	4.46 MB	
GB005N5070W00140	1	2.86 MB	
GB005N5070W00150	1	2.50 MB	
GB005N5080W00120	1	243 KB	
GB005N5080W00130	1	1.13 MB	
GB005N5080W00140	1	1.42 MB	
GB005N5080W00150	1	802 KB	
GB006N4915W00215	1	359 KB	
			43.20 MB 40.50 MB Compressed

S-104 product specification

Cell name	Edition/Update	Time Span Available	File size	Totals
GB3DDZN0	1	15.04.2026 00:15 – 21.04.2026 00:00	4.733 KB	
GB3DDZP0	1	15.04.2026 00:15 – 21.04.2026 00:00	5.346 KB	
GB3DEVQ0	1	15.04.2026 00:15 – 21.04.2026 00:00	5.528 KB	
GB3DEVRO	1	15.04.2026 00:15 – 21.04.2026 00:00	2.551 KB	
				18.157 KB
				8.721 KB Compressed

S-111 product specification

Cell name	Edition/Update	Time Span Available	File size	Totals
GB3DDZN0	1	15.04.2026 00:15 – 21.04.2026 00:00	5.379 KB	
GB3DDZP0	1	15.04.2026 00:15 – 21.04.2026 00:00	6.040 KB	
GB3DEVK0	1	15.04.2026 00:15 – 21.04.2026 00:00	5.296 KB	
GB3DEVQ0	1	15.04.2026 00:15 – 21.04.2026 00:00	5.657 KB	
GB3DEVRO	1	15.04.2026 00:15 – 21.04.2026 00:00	2.572 KB	
				24.9242 KB
				13.303 KB Compressed

SHOM

S-101 product specification

Cell name	Edition/Update	Feature catalogue	Description	Product boundary				File size	Feature count
				Minimum Latitude	Minimum Longitude	Maximum Latitude	Maximum Longitude		
101FR00571300	1	2.0.0	Abords de Saint-Malo	48.61371N	2.19404W	48.71488N	1.9702W	2651Ko	5016
	1.1							4ko	
	1.2							5ko	
	2							2654Ko	5027
101FR00471550	1		Approches de Saint-Malo	48.56616N	2.45137W	48.85906N	2.0057W	1429Ko	2956
101FR00471610	1	Plateau des Minquiers	48.85906N	2.52638W	49N	1.79805W	1123Ko	3151	
101FR00369660	1	Des Héaux-de-Bréhat au Cap Lévi	48.5N	3.088W	50N	1.4881W	2361Ko	6152	

S-102 product specification

Cell name	Edition	File size
102FR0014581G013000	1	4360Ko
102FR0014581G014000	1	4077Ko
102FR0014582G012018	1	4199Ko
102FR0014582G012019	1	4428Ko
102FR0014582G013017	1	4155Ko
102FR0014582G013018	1	5356Ko
102FR0014582G013019	1	5309Ko
102FR0014582G014017	1	4277Ko

102FR0014582G014018	1	4400Ko
102FR0014582G014019	1	4350Ko

S-104 product specification

Description	Cell name	Spatial resolution	Temporal resolution	Time-span available	File size (single) / Total
Water level	2GGIO000	0.016x0.016°	15 mins	10/01/2026-13/01/2026	4-day-files: approx 600Ko; 2day-files approx 330Ko
	2GGIN000	0.016x0.017°	15 mins	14/01/2026-17/01/2026	
	2GGIO000	0,016x0,02°	15 mins	18/01/2026-19/01/2026	

S-111 product specification

Description	Cell name	Spatial resolution	Temporal resolution	Time-span available	File size (single) / Total
Surface currents	2GFIO000	2000m	15 mins	10/01/2026-13/01/2026	1-day file: 500-700Ko
	2GGIN000	500m	60 mins		
	2GGIO000	2000m	15 mins		
	3GGIOG00	500m	60 mins	10/01/2026-13/01/2026 14/01/2026-17/01/2026 18/01/2026-19/01/2026	4-day-files: 600-900Ko; 2day-files 300-400Ko
	3GGIOK00				
	3GGIOO00				
	3GHIND00				
	3GHINH00				
	3GHINL00				
	3GHIOC00				
	3GHIOE00				
	3GHIOF00				

	3GHIOG00				
	3GHIOI00				
	3GHIOJ00				
	3GHIOK00				