



**Tidal Streams referred to HW at OBAN**

Hours	Geographical Position	Directions of streams (degrees)	Rates at spring tides (knots)	Rates at neap tides (knots)
Before High Water	56°35'10"N 5°25'10"W	6	-6 189	0 2 0.1
5		-5 140	0 1 0.0	
4		-4 017	0 2 0.1	
3		-3 015	0 3 0.1	
High Water		2	-2 006	0 4 0.2
1		-1	0 06	0 2 0.1
0		0	0 34	0 1 0.1
After High Water		1	+1	0 0 0.0
2		+2	2 225	0 1 0.0
3		+3	2 19	0 2 0.1
4		+4	2 02	0 4 0.1
5		+5	1 94	0 3 0.1
6		+6	1 80	0 2 0.1

**Tidal Levels referred to Datum of Soundings**

Place	Lat N	Long W	Heights in metres above datum				Datum and remarks
			MHWS	MHWN	MLWN	MLWS	
Port Appin	56°33'	5°25'	4.2	3.1	1.9	0.8	1.95m below Ordnance Datum (Newlyn)
Barcaldine Pier	56.32	5.19	4.1	3.0	1.8	0.8	
Loch Creran Head	56.33	5.16	3.7	2.6	1.4	0.4	