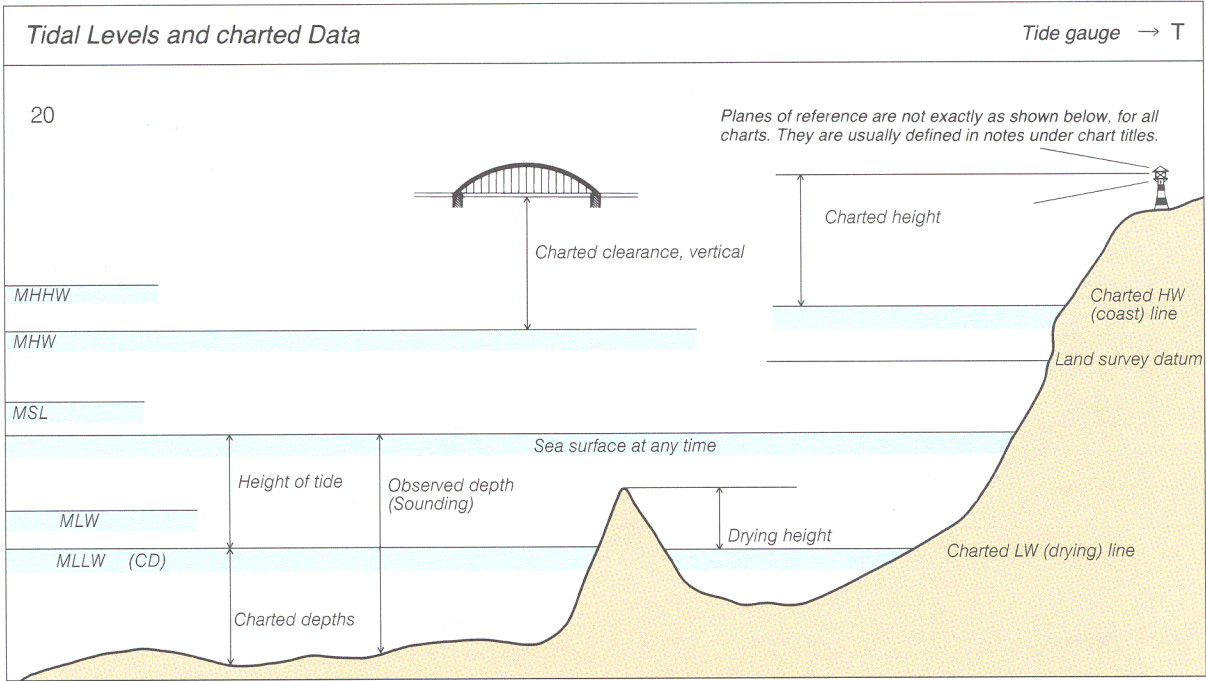


H Tides, Currents

Terms Relating to Tidal Levels			Supplementary national symbols: a-k
1		Chart Datum, Datum for sounding reduction	CD
2		Lowest Astronomical Tide	LAT
3		Highest Astronomical Tide	HAT
4	MLW	Mean Low Water	MLW
5	MHW	Mean High Water	MHW
6	MSL	Mean Sea Level	MSL
7		Land survey datum	
8	MLWS	Mean Low Water Springs	MLWS
9	MHWS	Mean High Water Springs	MHWS
10	MLWN	Mean Low Water Neaps	MLWN
11	MHWN	Mean High Water Neaps	MHWN
12	MLLW	Mean Lower Low Water	MLLW
13	MHHW	Mean Higher High Water	MHHW
14		Mean Higher Low Water	MHLW
15		Mean Lower High Water	MLHW
16	Sp	Spring tide	Sp
17	Np	Neap tide	Np

H Tides, Currents



Tide Tables

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Tidal Levels referred to Datum of Soundings

Place	Lat N/S	Long E/W	Heights in meters above datum			
			MHWS	MHWN	MLWN	MLWS
			MHHW	MLHW	MHLW	MLLW

Tabular statement of semi-diurnal or diurnal tides

Note:
The order of the columns of levels will be the same as that used in national tables of tidal predictions.

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Tidal streams referred to . .

Hours	Geographical Position
Before High Water 6 5 4 3 2 1	Directions of streams (degrees) Rates at spring tides (knots) Rates at neap tides (knots)
High Water	
After High Water 1 2 3 4 5 6	

Tidal stream table

Tidal streams referred to . .




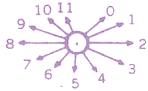
Hours	Geographical Position
Before High Water 6 5 4 3 2 1	Directions of streams (degrees) Rates at spring tides (knots) Rates at neap tides (knots)
High Water	
After High Water 1 2 3 4 5 6	

H Tides, Currents

Tidal Streams and Currents			
Breakers → K		Tide Gauge → T	
40		Flood stream (current) with rate	
41		Ebb stream (current) with rate	
42		Current in restricted waters	
43		Ocean current with rates and seasons	
44	 Tide rips Symbol used only in small areas	Overfalls, tide rips, races	
45	 Eddies Symbol used only in small areas	Eddies	
46		Position of tabulated tidal data with designation	

Supplementary National Symbols			
a	HW	High water	
b	HHW	Higher high water	
c	LW	Low water	
d	LWD	Low-water datum	
e	LLW	Lower low water	
f	MTL	Mean tide level	
g	ISLW	Indian spring low water	
h	HWF&C	High-water full and change (vulgar establishment of the port)	
i	LWF&C	Low-water full and change	

H Tides, Currents

j	CRD	Columbia River Datum	
k	GCLWD	Gulf Coast Low Water Datum	
l	Str	Stream	
m		Current, general, with rate	
n	vel	Velocity; Rate	
o	kn	Knots	
p	ht	Height	
q	fl	Flood	
r		New moon	
s		Full moon	
t		Current diagram	