

Amplitude of PL33 filter for principal tidal constituents

Symbol	Name	Frequency (cph)	Period (hrs)	PL33 Amplitude
O ₁	Principal lunar diurnal	0.0387	25.84	0.1039
K ₁	Lunisolar diurnal	0.0418	23.92	0.0325
N ₂	Lunar elliptic semidiurnal	0.0790	12.66	0.0063
M ₂	Principal lunar semidiurnal	0.0805	12.42	0.0054
S ₂	Principal solar semidiurnal	0.0833	12.00	0.0017