

KIOLOA – SAFE NAVIGATION WAYPOINTS

Kioloa Approach / Exit

The chart and table below indicate safe navigation waypoints and routes for entry and exit to Kioloa during periods of high seas and/or darkness or reduced visibility. A safe anchorage location is also shown.

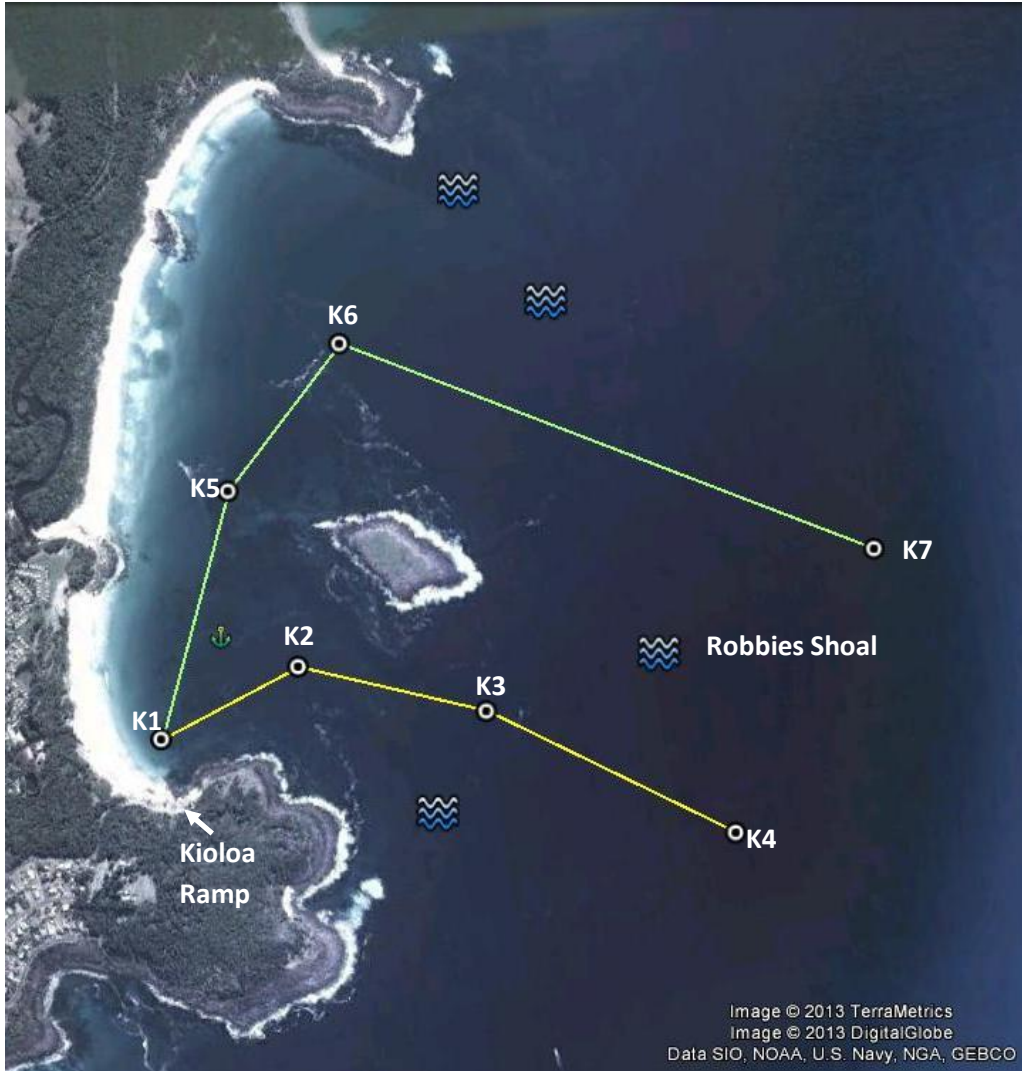


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Route	ID	Lat (S)	Long (E)	Location	Notes
Approach/Exit Kioloa to South of Belowla Island	K1	35 33.411	150 22.989	Off Breakwater	
	K2	35 33.347	150 23.229	Mid Channel	
	K3	35 33.450	150 23.521	Exit Belowla Sth Channel	Inside Robbies Shoal
	K4	35 33.670	150 23.892	Exit south east of Robbies Shoal	Outside SE of Robbies Shoal. WPT K4 on 40m depth contour.
Approach/Exit Kioloa to North of Belowla Island	K1	35 33.411	150 22.989	Off Breakwater	
	K5	35 33.098	150 23.164	Mid Channel	
	K6	35 32.927	150 23.385	North of Fan	
	K7	35 33.325	150 24.200	Exit to sea north east of Belowa	Seaward end of channel between Belowa and Shelly Point reef. NE of Robbies Shoal. Clear run North and South
Kioloa – Safe Anchorage	Anchor	35 33.206	150 23.106	Kioloa “bay”	Depth 18 ft (variable) sand sea floor.

Brush Island Passage

The chart and table below indicate safe navigation waypoints and routes for passage between Brush Island and the mainland. Use of this passage can save a long journey around Brush island to the east but should only be used with extreme caution due to the narrow and shallow channel between Brush Island and the mid-channel island.



Route	ID	Lat (S)	Long (E)	Location	Notes
Brush Island Channel Passage	B1	35 31.998	150 24.533	South approach to channel	
	B2	35 31.764	150 24.655	Mid channel between rock and Brush Is	
	B3	35 31.558	150 24.734	North approach to channel	Caution – Fisheries buoys in east-west line near northern entrance to channel

Significant Bombies

Significant bombies in the Kioloa / Brush Island area are marked on the above charts with a “wave” symbol. The location coordinates and a description of the bombies is given in the following table.

Note that the position of wave breaks on each bombie vary with the prevailing weather and therefore their location should be treated with caution and given a wide berth at times of reduced visibility or at night.

At times of very high seas, Kioloa should NOT be approached from seaward. Vessels should take shelter in the lee of Brush Island or proceed to Ulladulla Harbour or Bateman’s Bay.

Bommie	Lat	Long	Location	Notes
Shelly Point	35 32.945	150 23.726	North of Belowa Island	Exact position dependant on sea and swell direction. Can break heavily between outer danger mark and Shelly point
	35 32.776	150 23.614	breaking to Shelly Point	
Robbies Shoal	35 33.441	150 23.810	East of O’Hara Hd. Just north of southern exit from Kioloa.	Exact position dependant on sea and swell direction. Can break heavily
Murramarang Point	35 32.109	150 24.207	On SW side of south entrance to Brush Island channel	Breaks mostly in southerly swells. Exercise caution when approaching Brush Island channel from SW
O’Hara Head	35 33.601	150 23.407	Due east of O’Hara Head	Breaks mostly in southerly swells. Exact position dependent on sea and swell.
SE Brush	35 31.970	150 25.490	Off SE corner of Brush Island	Breaks mostly in Sth to East wave directions. Exact position dependent on sea and swell.
East Brush	35 31.650	150 25.662	East of NE corner of Brush Island	Exact position dependant on sea and swell direction. Can break heavily

Kioloa Regional Locations - Safe Arrival Points (North to South)

The waypoints listed in the table below are designed to be used to provide a safe arrival point, close to the designated location, when approached from seaward.

Arrival Point	Lat (S)	Long (E)	Location	Notes
Ulladulla Harbour Lead	35 21.329	150 31.068		Waypoint located approx 1.5 nm east of harbour entrance
Crampton Is East	35 26.757	150 25.264	500 yards off	
Crampton Is Sth	35 26.885	150 24.797	500 yards off	
Stokes Is	35 27.466	150 24.632	500 yards East	
Bawley Point	35 29.955	150 24.496		
The "Gantry"	35 30.283	150 23.701	Bawley Point	
O'Hara Island	35 34.597	150 .22.101		
Snake Bay	35 35.476	150 21.289	200 yards off Entrance	
Carriages	35 36.294	150 21.005	Off Tip	
Pebbly Beach	35 36.740	150 19.901	In Bay	
Depot Beach	35 37.443	150 19.809	Off Beach	
South Durras Boat Ramp	35 39.653	150 18.261	In Bay off the Ramp	Caution. Reef off the ramp. Best final approach is from west just outside the shore break.
Batemans Bay Lead	35 43.421	150 13.778		Waypoint located approx 1.5 nm east of river entrance (start of rock wall)