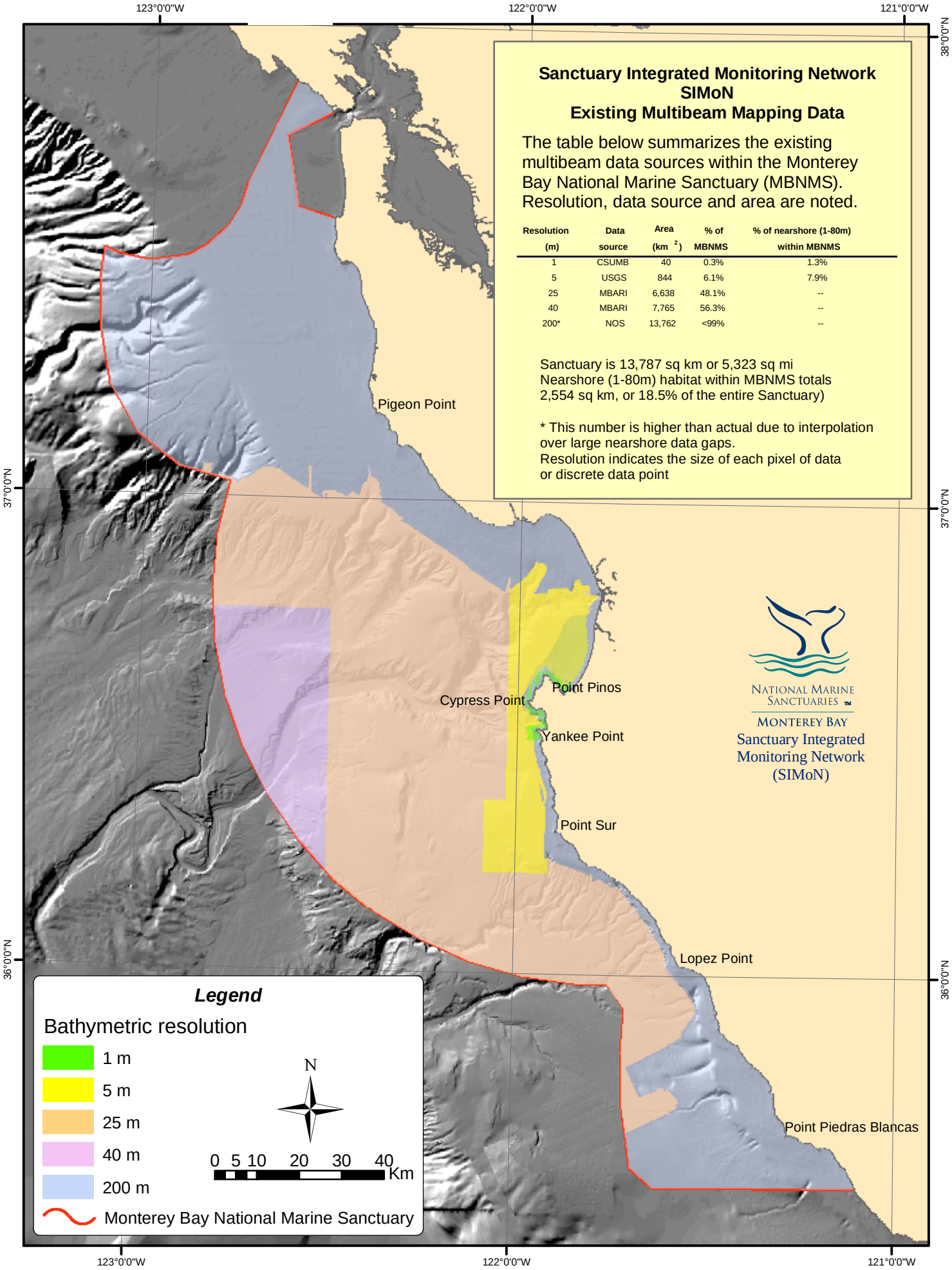

Sanctuary Integrated Monitoring Network SIMoN Existing Multibeam Mapping Data

The table below summarizes the existing multibeam data sources within the Monterey Bay National Marine Sanctuary (MBNMS). Resolution, data source and area are noted.

Resolution (m)	Data source	Area (km ^{2})	% of MBNMS	% of nearshore (1-80m) within MBNMS
1	CSUMB	40	0.3%	1.3%
5	USGS	844	6.1%	7.9%
25	MBARI	6,638	48.1%	--
40	MBARI	7,765	56.3%	--
200*	NOS	13,762	<99%	--

Sanctuary is 13,787 sq km or 5,323 sq mi
Nearshore (1-80m) habitat within MBNMS totals 2,554 sq km, or 18.5% of the entire Sanctuary)

* This number is higher than actual due to interpolation over large nearshore data gaps.
Resolution indicates the size of each pixel of data or discrete data point