Table 3: Area of energy classes per depth bin across forms of energy resource characterization (tidal, wave and wind) with percent overlap by horizontal safety seperation scheme from existing submarine cables for new facilities (2 * depth; min.) and new cables (3 * depth; max.). Assessed area of overlap with energy resource characterization is limited to a maximum depth (tidal: < 100 m; wave: < 200 m; wind: < 1000 m) and minimum energy classes (tidal: > 500 W/m2; wave: > 10 kW/m; wind > 7 m/s) for viable renewable energy development. Summaries across ALL depth and energy bins are provided for each form of energy. Width of colored bars indicate value relative to rest of column, which is most easily read as area available (gray) and percent maximum overlap (red bar).

Form	Energy	Depth (m)	Area (km^2)	Overlap with Cable Safety	
				Max %	Min - Max km^2 (%)
Tidal (W/m2)	500-1,000	0-100	1,160	.	38 - 54 (3.3 - 4.7%)
	1,000-1,500	0-100	306	.	5 - 7 (1.6 - 2.3%)
	>1,500	0-100	205	.	1 - 2 (0.6 - 0.9%)
Wave (kW/m)	10-20	0-100	121,861	.	565 - 831 (0.5 - 0.7%)
		100-200	47,416	.	633 - 925 (1.3 - 2.0%)
	20-30	0-100	62,767	.	122 - 170 (0.2 - 0.3%)
		100-200	77,833	.	219 - 327 (0.3 - 0.4%)
	>30	0-100	21,213	.	234 - 332 (1.1 - 1.6%)
		100-200	47,818	.	515 - 767 (1.1 - 1.6%)
Wind (m/s)	7-8	0-100	134,633	.	1,191 - 1,756 (0.9 - 1.3%)
		100-200	7,376	.	194 - 272 (2.6 - 3.7%)
		200-1,000	25,133	.	1,509 - 1,953 (6 - 7.8%)
	8-9	0-100	145,957	.	3,213 - 4,479 (2.2 - 3.1%)
		100-200	19,616	.	347 - 531 (1.8 - 2.7%)
		200-1,000	36,388	.	2,607 - 3,805 (7.2 - 10.5%)
	9-10	0-100	45,165	.	2,950 - 4,351 (6.5 - 9.6%)
		100-200	24,752	.	158 - 241 (0.6 - 1.0%)
		200-1,000	18,430	.	512 - 745 (2.8 - 4.0%)
	10-11	0-100	551	.	13 - 20 (2.3 - 3.6%)
		100-200	786	.	7 - 12 (0.9 - 1.5%)
		200-1,000	3,619	.	163 - 237 (4.5 - 6.6%)
	11-12	0-100	42	.	7 - 10 (17 - 22.6%)
		100-200	45	.	10 - 18 (23.2 - 41.1%)
		200-1,000	120	.	36 - 51 (30 - 42.1%)