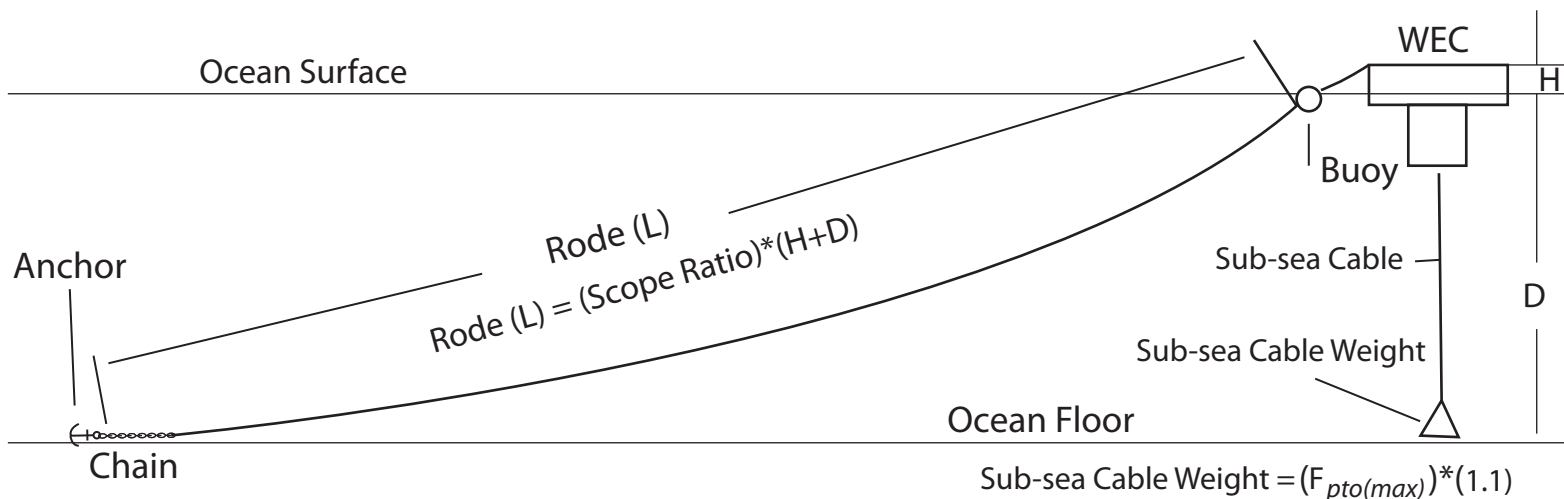
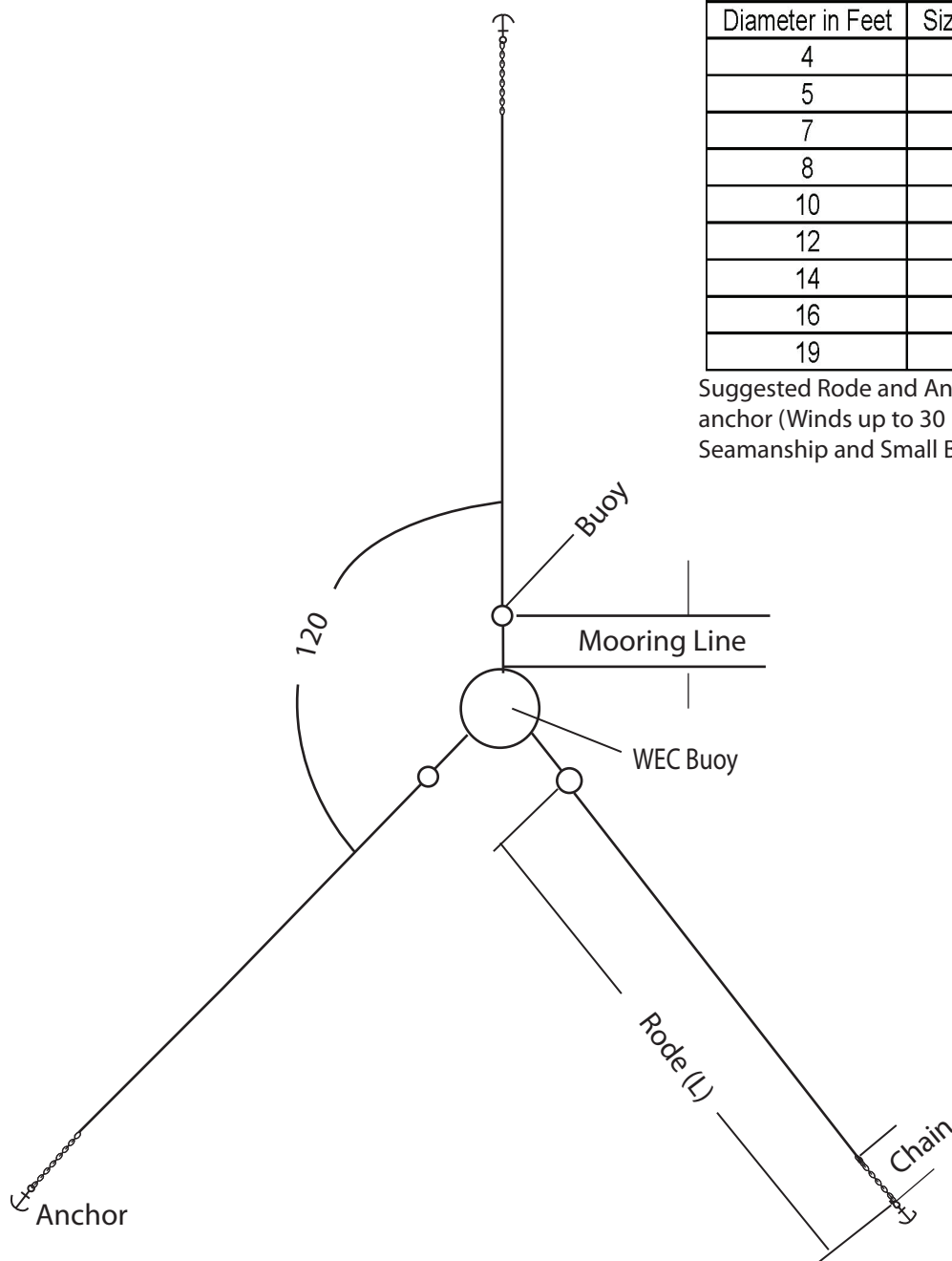


Wave Energy Converter Mooring



Suggested Rode and Anchor Sizes			
Diameter in Feet	Size Nylon Rope	Chain Length Feet	Chain Size
4	1/4	3	3/16
5	1/4	3	3/16
7	1/4	3	3/16
8	3/8	3	3/16
10	3/8	4	1/4
12	3/8	4	1/4
14	7/16	5	5/16
16	1/2	6	3/8
19	1/2	6	3/8

Suggested Rode and Anchor Sizes. Adapted from "Table 6.3 for working anchor (Winds up to 30 knots)," by E. S. Maloney Chapman Piloting Seamanship and Small Boat Handling, 53 addition 1977. p.3.



Scope Ratio

Government tests have indicated that proper scope ratios will range between 5:1 and 10:1, the latter for heavy weather.¹



A buoy can carry the vertical load in an anchoring or mooring system, limiting the basic load to the horizontal force required to maintain position.²

1. From "Scope" by E. S. Maloney Chapman Piloting Seamanship and Small Boat Handling, 53 addition 1977. p.102.

2. Adapted from "Sentinel-or buoy" by E. S. Maloney Chapman Piloting Seamanship and Small Boat Handling, 53 addition 1977. p.107.