

#	In-Line Moring Element	Length [m]	Buoy [kg]	Height [m] (middle)	dZ [m]	dX [m]	dY [m]	Tension [kg]		Angle [deg]	
								Top	Bottom	Top	Bottom
1	37in ORE	0.94	300.00	88.59	6.0	32.4	0.0	0.0	306.1	5.7	11.5
2	1/2 shackle	0.08	-0.30	88.08	6.0	32.3	0.0	306.1	305.8	11.5	11.5
3	3/8 wire rope	80.03	-0.33					305.8	281.0	11.5	24.5
4	1/2 shac+3/8shac	0.12	-0.42	12.67	1.3	5.8	0.0	281.0	280.7	24.5	24.6
5	Trpl 16 in Viny	1.50	56.00	11.93	1.2	5.4	0.0	280.7	333.6	24.6	21.1
6	1/2 shac+3/8shac	0.12	-0.42	11.19	1.2	5.1	0.0	333.6	333.2	21.1	21.1
7	Aanderaa RCM-7	0.55	-18.30	10.88	1.1	5.0	0.0	333.2	316.3	21.1	22.6
8	1/2 shackle	0.08	-0.30	10.59	1.1	4.9	0.0	316.3	316.0	22.6	22.6
9	3/8 wire rope	5.00	-0.33					316.0	314.5	22.6	22.9
10	1/2 shackle	0.08	-0.30	5.90	0.7	2.9	0.0	314.5	314.2	22.9	22.9
11	1/2 swivel	0.14	-0.65	5.80	0.7	2.8	0.0	314.2	313.6	22.9	23.0
12	1/2 shackle	0.08	-0.30	5.70	0.7	2.8	0.0	313.6	313.3	23.0	23.0
13	EG&G 8242	0.94	-28.00	5.23	0.7	2.6	0.0	313.3	287.8	23.0	25.3
14	5/8 shackle	0.07	-0.65	4.77	0.6	2.4	0.0	287.8	287.2	25.3	25.4
15	1 chain SL	5.00	-13.00					287.2	230.2	25.4	32.3
16	2 Railway Wheels	0.35	915.00	0.17	0.0	0.0	0.0	230.2		32.3	

Tally of all In-Line mooring/tow components by type.

#	Element Name	Total Number/Length
1	37in ORE	1
2	1/2 shackle	4
3	3/8 wire rope	85 m
4	1/2 shac+3/8shac	2
5	Trpl 16 in Viny	1
6	Aanderaa RCM-7	1
7	1/2 swivel	1
8	EG&G 8242	1
9	5/8 shackle	1
10	1 chain SL	5 m
11	2 Railway Wheels	1