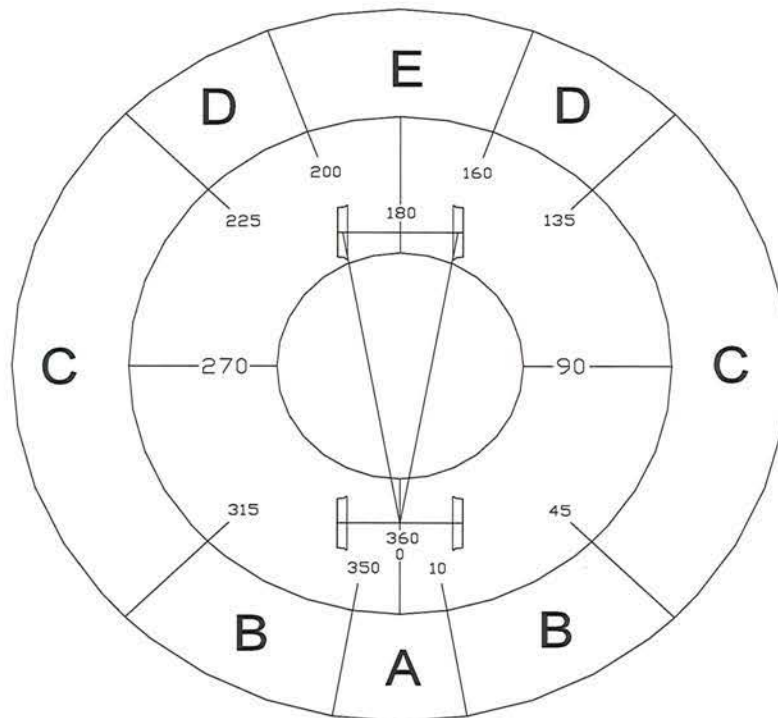


ROADRAILER

by REXQUOTE

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Fixed Axle



Oscillating Axle


Machine Type:	_____	Case 688
Serial Number:	_____	CGG0119275
Rail Axle Number:	_____	1106
Equipment:	_____	Offset Boom 4.3m Arm 2.65m
Date:	_____	08 April 2010
Issue:	_____	3
Software Version:	_____	V2.09


This machine is equipped with a Rexquote Rated Capacity Indicator. This system is designed to comply with RAILWAY SAFETY STANDARD RIS-1530-PLT Issue 1


Radius / Height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity.


All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm.

NETWORK RAIL DUTIES
SECTOR A

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road	7.0m	-	-	-	-	2.31b	2.39b	-	-	-	-
	6.0m	-	-	-	-	2.17b	2.21b	2.26b	-	-	-
	5.0m	-	-	-	-	2.25b	2.24b	2.23b	2.23b	-	-
Unlocked	4.0m	-	-	-	2.82b	2.67b	2.54b	2.44b	2.36b	2.30b	2.26b
	3.0m	-	-	-	3.70b	3.27b	2.98b	2.75b	2.58b	2.45b	2.35b
71% SWL	2.0m	-	-	-	-	3.94b	3.46b	3.11b	2.85b	2.64b	2.48b
	1.0m	-	-	-	-	4.46b	3.86b	3.41b	3.07b	2.81b	2.60b
	0.0m	-	-	-	5.58b	4.71b	4.07b	3.59b	3.21b	2.90b	2.64b
	-1.0m	5.39a	6.69a	6.51b	5.47b	4.68b	4.07b	3.59b	3.19b	2.85b	2.53b
	-2.0m	7.54a	7.08b	5.92b	5.05b	4.37b	3.81b	3.35b	2.94b	-	-


	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road	7.0m	-	-	-	-	2.31b	2.39b	-	-	-	-
	6.0m	-	-	-	-	2.17b	2.21b	2.26b	-	-	-
	5.0m	-	-	-	-	2.25b	2.24b	2.23b	2.23b	-	-
Locked	4.0m	-	-	-	2.82b	2.67b	2.54b	2.44b	2.36b	2.30b	2.26b
	3.0m	-	-	-	3.70b	3.27b	2.98b	2.75b	2.58b	2.45b	2.35b
71% SWL	2.0m	-	-	-	-	3.94b	3.46b	3.11b	2.85b	2.64b	2.48b
	1.0m	-	-	-	-	4.46b	3.86b	3.41b	3.07b	2.81b	2.60b
	0.0m	-	-	-	5.58b	4.71b	4.07b	3.59b	3.21b	2.90b	2.64b
	-1.0m	5.39a	6.69a	6.51b	5.47b	4.68b	4.07b	3.59b	3.19b	2.85b	2.53b
	-2.0m	7.54a	7.08b	5.92b	5.05b	4.37b	3.81b	3.35b	2.94b	-	-


	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail	7.0m	-	-	-	-	2.30b	-	-	-	-	-
	6.0m	-	-	-	-	2.17b	2.20b	2.23b	-	-	-
0-50mm	5.0m	-	-	-	-	2.33b	2.30b	2.27b	2.24b	2.23b	-
	4.0m	-	-	-	2.99b	2.78b	2.62b	2.50b	2.40b	2.32b	2.17
67% SWL	3.0m	-	-	-	-	3.42b	3.08b	2.83b	2.64b	2.42	2.12
	2.0m	-	-	-	-	4.07b	3.55b	3.09	2.67	2.33	2.06
Unlocked	1.0m	-	-	-	-	4.15	3.46	2.96	2.57	2.26	2
	0.0m	-	-	6.53	4.98	4.02	3.36	2.87	2.5	2.21	1.97
	-1.0m	5.83a	7.15a	6.41b	4.95	3.98	3.32	2.84	2.47	2.19	-
	-2.0m	8.05a	6.85b	5.74b	4.91b	4	3.33	2.85	2.49	-	-


	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail	7.0m	-	-	-	-	2.30b	-	-	-	-	-
	6.0m	-	-	-	-	2.17b	2.20b	2.23b	-	-	-
0-50mm	5.0m	-	-	-	-	2.33b	2.30b	2.27b	2.24b	2.23b	-
	4.0m	-	-	-	2.99b	2.78b	2.62b	2.50b	2.40b	2.32b	2.27b
87% SWL	3.0m	-	-	-	-	3.42b	3.08b	2.83b	2.64b	2.49b	2.38b
	Radius /	-	-	-	-	4.07b	3.55b	3.18b	2.90b	2.68b	2.51b
Locked	the lifting	-	-	-	-	4.54b	3.92b	3.46b	3.11b	2.84b	2.61b
	the mac	-	-	6.74b	5.58b	4.73b	4.09b	3.60b	3.22b	2.90b	2.63b
	safe wor	5.83a	7.15a	6.41b	5.41b	4.64b	4.04b	3.56b	3.16b	2.82b	-
	r' articu	8.05a	6.85b	5.74b	4.91b	4.25b	3.71b	3.25b	2.84b	-	-


NETWORK RAIL DUTIES

SECTOR A


		2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail	7.0m	-	-	-	-	-	2.30b	-	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.20b	2.23b	-	-	-
50-150mm	5.0m	-	-	-	-	2.33b	2.30b	2.27b	2.24b	1.94	-	-
	4.0m	-	-	-	2.99b	2.78b	2.62b	2.50b	2.21	1.89	1.63	-
67% SWL	3.0m	-	-	-	-	3.42b	2.94	2.47	2.1	1.82	1.58	1.38
	2.0m	-	-	-	-	3.28	2.73	2.31	1.99	1.73	1.52	1.34
Unlocked 	1.0m	-	-	-	-	3.06	2.56	2.19	1.89	1.66	1.46	1.3
	0.0m	-	-	4.74	3.64	2.94	2.46	2.1	1.82	1.6	1.43	-
	-1.0m	5.83a	6.83	4.73	3.6	2.9	2.42	2.06	1.8	1.59	-	-
	-2.0m	8.05a	6.85b	4.8	3.64	2.92	2.43	2.08	1.82	-	-	-


		2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail	7.0m	-	-	-	-	-	2.30b	-	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.20b	2.23b	-	-	-
50-150mm	5.0m	-	-	-	-	2.33b	2.30b	2.27b	2.24b	2.23b	-	-
	4.0m	-	-	-	2.99b	2.78b	2.62b	2.50b	2.40b	2.32b	2.27b	-
87% SWL	3.0m	-	-	-	-	3.42b	3.08b	2.83b	2.64b	2.49b	2.38b	2.30a
	2.0m	-	-	-	-	4.07b	3.55b	3.18b	2.90b	2.68b	2.51b	2.37b
Locked 	1.0m	-	-	-	-	4.54b	3.92b	3.46b	3.11b	2.84b	2.61b	2.42b
	0.0m	-	-	6.74b	5.58b	4.73b	4.09b	3.60b	3.22b	2.90b	2.63b	-
	-1.0m	5.83a	7.15a	6.41b	5.41b	4.64b	4.04b	3.56b	3.16b	2.82b	-	-
	-2.0m	8.05a	6.85b	5.74b	4.91b	4.25b	3.71b	3.25b	2.84b	-	-	-


		2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist 150-177mm	7.0m	-	-	-	-	-	1.71	-	-	-	-	-
	6.0m	-	-	-	-	-	1.74	1.43	1.18	-	-	-
	5.0m	-	-	-	-	2.06	1.68	1.39	1.16	0.97	-	-
	4.0m	-	-	-	2.35	1.9	1.57	1.31	1.1	0.93	0.78	-
67% SWL	3.0m	-	-	-	-	1.69	1.41	1.19	1.01	0.86	0.74	0.62
	2.0m	-	-	-	-	1.46	1.24	1.06	0.91	0.79	0.68	0.58
Unlocked 	1.0m	-	-	-	-	1.29	1.1	0.96	0.83	0.72	0.63	0.53
	0.0m	-	-	1.72	1.41	1.19	1.02	0.88	0.77	0.68	0.6	-
	-1.0m	3.16	2.24	1.72	1.39	1.16	0.99	0.85	0.75	0.66	-	-
	-2.0m	3.27	2.31	1.77	1.42	1.17	1	0.87	0.77	-	-	-


		2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist 150-177mm	7.0m	-	-	-	-	-	2.30b	-	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.20b	2.12	-	-	-
	5.0m	-	-	-	-	2.33b	2.30b	2.27b	2.1	1.71	-	-
	4.0m	-	-	-	2.99b	2.78b	2.62b	2.43	1.99	1.64	1.35	-
90% SWL	3.0m	-	-	-	-	3.28	2.71	2.23	1.85	1.54	1.28	1.06
	2.0m	-	-	-	-	2.93	2.42	2.01	1.69	1.42	1.19	1
Locked 	1.0m	-	-	-	-	2.65	2.19	1.83	1.55	1.31	1.11	0.95
	0.0m	-	-	3.87	3.05	2.48	2.05	1.71	1.45	1.24	1.06	-
	-1.0m	5.83a	5.34	3.86	3.01	2.42	1.99	1.66	1.41	1.21	-	-
	-2.0m	8.05a	5.47	3.94	3.06	2.46	2.01	1.68	1.44	-	-	-

NETWORK RAIL DUTIES
SECTOR B

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road	7.0m	-	-	-	-	2.31b	2.39b	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.21b	1.86	-	-
	5.0m	-	-	-	-	-	2.25b	2.2	1.86	1.57	-
Unlocked	4.0m	-	-	-	2.82b	2.67b	2.53	2.12	1.79	1.53	1.32
	3.0m	-	-	-	3.47	2.82	2.35	1.99	1.7	1.46	1.27
71% SWL	2.0m	-	-	-	-	2.55	2.15	1.84	1.59	1.38	1.21
	1.0m	-	-	-	-	2.33	1.98	1.71	1.49	1.31	1.15
	0.0m	-	-	-	2.64	2.2	1.87	1.62	1.42	1.25	1.11
	-1.0m	5.39a	4.38	3.26	2.59	2.14	1.82	1.57	1.38	1.22	1.1
	-2.0m	6.71	4.46	3.31	2.61	2.15	1.82	1.58	1.39	-	-

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road	7.0m	-	-	-	-	2.31b	2.39b	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.21b	2.26b	-	-
	5.0m	-	-	-	-	-	2.25b	2.24b	2.23b	2.23b	-
Locked	4.0m	-	-	-	2.82b	2.67b	2.54b	2.44b	2.36b	2.30b	2.26b
	3.0m	-	-	-	3.70b	3.27b	2.98b	2.75b	2.58b	2.45b	2.35b
71% SWL	2.0m	-	-	-	-	3.94b	3.46b	3.11b	2.85b	2.64b	2.48b
	1.0m	-	-	-	-	4.46b	3.86b	3.41b	3.07b	2.81b	2.60b
	0.0m	-	-	-	5.58b	4.71b	4.07b	3.59b	3.21b	2.90b	2.64b
	-1.0m	5.39a	6.69a	6.51b	5.47b	4.68b	4.07b	3.59b	3.19b	2.85b	2.53b
	-2.0m	7.54a	7.08b	5.92b	5.05b	4.37b	3.81b	3.35b	2.94b	-	-


	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail	7.0m	-	-	-	-	-	2.27	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	1.91	1.61	-	-
0-50mm	5.0m	-	-	-	-	2.33b	2.24	1.88	1.59	1.35	-
	4.0m	-	-	-	2.99b	2.55	2.12	1.79	1.53	1.31	1.13
67% SWL	3.0m	-	-	-	-	2.32	1.95	1.67	1.44	1.25	1.08
	2.0m	-	-	-	-	2.09	1.78	1.54	1.34	1.17	1.03
Unlocked	1.0m	-	-	-	-	1.91	1.64	1.43	1.25	1.1	0.98
	0.0m	-	-	2.63	2.15	1.81	1.56	1.36	1.19	1.06	0.95
	-1.0m	4.85	3.42	2.63	2.12	1.78	1.52	1.32	1.17	1.04	-
	-2.0m	4.97	3.5	2.68	2.15	1.8	1.53	1.34	1.19	-	-


	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail	7.0m	-	-	-	-	-	2.30b	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.20b	2.23b	-	-
0-50mm	5.0m	-	-	-	-	2.33b	2.30b	2.27b	2.24b	2.23b	-
	4.0m	-	-	-	2.99b	2.78b	2.62b	2.50b	2.40b	2.31	1.96
90% SWL	3.0m	-	-	-	-	3.42b	3.08b	2.83b	2.58	2.2	1.89
	Radius /	-	-	-	-	3.9	3.3	2.83	2.43	2.09	1.8
Locked	the lifting	-	-	-	-	3.64	3.09	2.66	2.29	1.98	1.72
	the mach	-	-	5.31	4.22	3.49	2.96	2.54	2.19	1.91	1.67
	safe wor	5.83a	7.15a	5.3	4.18	3.44	2.91	2.49	2.15	1.88	-
	r' articu	8.05a	6.85b	5.38	4.23	3.47	2.93	2.52	2.18	-	-


NETWORK RAIL DUTIES

SECTOR B

		2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail	7.0m	-	-	-	-	-	1.88	-	-	-	-	-
	6.0m	-	-	-	-	-	1.9	1.58	1.31	-	-	-
50-150mm	5.0m	-	-	-	-	2.25	1.85	1.54	1.29	1.09	-	-
	4.0m	-	-	-	2.58	2.09	1.73	1.46	1.23	1.05	0.89	-
67% SWL	3.0m	-	-	-	-	1.88	1.57	1.34	1.14	0.98	0.85	0.73
	2.0m	-	-	-	-	1.65	1.41	1.21	1.05	0.91	0.79	0.69
Unlocked 	1.0m	-	-	-	-	1.48	1.27	1.1	0.96	0.85	0.74	0.66
	0.0m	-	-	1.99	1.63	1.38	1.19	1.03	0.91	0.8	0.71	-
	-1.0m	3.61	2.58	1.99	1.61	1.35	1.15	1	0.88	0.78	-	-
	-2.0m	3.72	2.65	2.04	1.64	1.36	1.17	1.01	0.9	-	-	-


		2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail	7.0m	-	-	-	-	-	2.30b	-	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.20b	2.23b	-	-	-
50-150mm	5.0m	-	-	-	-	2.33b	2.30b	2.27b	2.24b	1.9	-	-
	4.0m	-	-	-	2.99b	2.78b	2.62b	2.50b	2.2	1.84	1.53	-
90% SWL	3.0m	-	-	-	-	3.42b	2.94	2.46	2.06	1.73	1.46	1.22
	2.0m	-	-	-	-	3.2	2.69	2.25	1.9	1.61	1.37	1.17
Locked 	1.0m	-	-	-	-	2.93	2.46	2.07	1.76	1.51	1.29	1.11
	0.0m	-	-	4.25	3.37	2.78	2.32	1.96	1.67	1.43	1.24	-
	-1.0m	5.83a	5.8	4.24	3.33	2.73	2.26	1.9	1.63	1.41	-	-
	-2.0m	8.05a	5.93	4.32	3.38	2.76	2.28	1.93	1.66	-	-	-


		2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist	7.0m	-	-	-	-	-	1.71	-	-	-	-	-
	6.0m	-	-	-	-	-	1.74	1.43	1.18	-	-	-
150-177mm	5.0m	-	-	-	-	2.06	1.68	1.39	1.16	0.97	-	-
	4.0m	-	-	-	2.35	1.9	1.57	1.31	1.1	0.93	0.78	-
67% SWL	3.0m	-	-	-	-	1.69	1.41	1.19	1.01	0.86	0.74	0.62
	2.0m	-	-	-	-	1.46	1.24	1.06	0.91	0.79	0.68	0.58
Unlocked 	1.0m	-	-	-	-	1.29	1.1	0.96	0.83	0.72	0.63	0.53
	0.0m	-	-	1.72	1.41	1.19	1.02	0.88	0.77	0.68	0.6	-
	-1.0m	3.16	2.24	1.72	1.39	1.16	0.99	0.85	0.75	0.66	-	-
	-2.0m	3.27	2.31	1.77	1.42	1.17	1	0.87	0.77	-	-	-


		2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist	7.0m	-	-	-	-	-	2.30b	-	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.20b	2.12	-	-	-
150-177mm	5.0m	-	-	-	-	2.33b	2.30b	2.27b	2.1	1.71	-	-
	4.0m	-	-	-	2.99b	2.78b	2.62b	2.43	1.99	1.64	1.35	-
90% SWL	3.0m	-	-	-	-	3.28	2.71	2.23	1.85	1.54	1.28	1.06
	2.0m	-	-	-	-	2.93	2.42	2.01	1.69	1.42	1.19	1
Locked 	1.0m	-	-	-	-	2.65	2.19	1.83	1.55	1.31	1.11	0.95
	0.0m	-	-	3.87	3.05	2.48	2.05	1.71	1.45	1.24	1.06	-
	-1.0m	5.83a	5.34	3.86	3.01	2.42	1.99	1.66	1.41	1.21	-	-
	-2.0m	8.05a	5.47	3.94	3.06	2.46	2.01	1.68	1.44	-	-	-

NETWORK RAIL DUTIES

SECTOR C

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road	7.0m	-	-	-	-	2.31b	2.39b	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.21b	1.86	-	-
	5.0m	-	-	-	-	-	2.25b	2.2	1.86	1.57	-
Unlocked	4.0m	-	-	-	2.82b	2.67b	2.53	2.12	1.79	1.53	1.32
	3.0m	-	-	-	3.47	2.82	2.35	1.99	1.7	1.46	1.27
71% SWL	2.0m	-	-	-	-	2.55	2.15	1.84	1.59	1.38	1.21
	1.0m	-	-	-	-	2.33	1.98	1.71	1.49	1.31	1.15
	0.0m	-	-	-	2.64	2.2	1.87	1.62	1.42	1.25	1.11
	-1.0m	5.39a	4.38	3.26	2.59	2.14	1.82	1.57	1.38	1.22	1.1
	-2.0m	6.71	4.46	3.31	2.61	2.15	1.82	1.58	1.39	-	-


	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road	7.0m	-	-	-	-	2.31b	2.39b	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.21b	2.26b	-	-
	5.0m	-	-	-	-	-	2.25b	2.24b	2.23b	2.23b	-
Locked	4.0m	-	-	-	2.82b	2.67b	2.54b	2.44b	2.36b	2.30b	2.26b
	3.0m	-	-	-	3.70b	3.27b	2.98b	2.75b	2.58b	2.45b	2.35b
71% SWL	2.0m	-	-	-	-	3.94b	3.46b	3.11b	2.85b	2.64b	2.48b
	1.0m	-	-	-	-	4.46b	3.86b	3.41b	3.07b	2.81b	2.60b
	0.0m	-	-	-	5.58b	4.71b	4.07b	3.59b	3.21b	2.90b	2.64b
	-1.0m	5.39a	6.69a	6.51b	5.47b	4.68b	4.07b	3.59b	3.19b	2.85b	2.53b
	-2.0m	7.54a	7.08b	5.92b	5.05b	4.37b	3.81b	3.35b	2.94b	-	-


	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail	7.0m	-	-	-	-	-	2.03	-	-	-	-
	6.0m	-	-	-	-	-	2.05	1.71	1.43	-	-
0-50mm	5.0m	-	-	-	-	2.33b	2	1.67	1.41	1.2	-
	4.0m	-	-	-	2.78	2.26	1.88	1.59	1.35	1.16	0.99
67% SWL	3.0m	-	-	-	-	2.05	1.72	1.47	1.26	1.09	0.94
	2.0m	-	-	-	-	1.82	1.56	1.34	1.17	1.02	0.89
Unlocked	1.0m	-	-	-	-	1.65	1.42	1.24	1.08	0.95	0.84
	0.0m	-	-	2.23	1.83	1.55	1.34	1.16	1.03	0.91	0.81
	-1.0m	4.02	2.88	2.23	1.81	1.52	1.3	1.13	1	0.89	-
	-2.0m	4.13	2.95	2.28	1.84	1.54	1.31	1.15	1.02	-	-


	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail	7.0m	-	-	-	-	-	2.30b	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.20b	2.23b	-	-
0-50mm	5.0m	-	-	-	-	2.33b	2.30b	2.27b	2.24b	2.11	-
	4.0m	-	-	-	2.99b	2.78b	2.62b	2.50b	2.40b	2.04	1.71
90% SWL	3.0m	-	-	-	-	3.42b	3.08b	2.73	2.29	1.94	1.64
	Radius /	-	-	-	-	3.53	2.97	2.51	2.13	1.82	1.55
Locked	the lifting	-	-	-	-	3.26	2.76	2.33	1.99	1.71	1.47
	the mac	-	-	4.79	3.78	3.11	2.62	2.21	1.89	1.63	1.42
	safe wor	5.83a	6.59	4.78	3.74	3.06	2.56	2.16	1.85	1.61	-
	r' articl	8.05a	6.73	4.87	3.79	3.09	2.58	2.18	1.88	-	-


NETWORK RAIL DUTIES

SECTOR C

		2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail	7.0m	-	-	-	-	-	1.77	-	-	-	-	-
	6.0m	-	-	-	-	-	1.8	1.48	1.22	-	-	-
50-150mm	5.0m	-	-	-	-	2.13	1.74	1.44	1.2	1	-	-
	4.0m	-	-	-	2.44	1.97	1.62	1.35	1.14	0.96	0.81	-
67% SWL	3.0m	-	-	-	-	1.75	1.46	1.23	1.05	0.9	0.77	0.65
	2.0m	-	-	-	-	1.52	1.29	1.11	0.95	0.82	0.71	0.61
Unlocked 	1.0m	-	-	-	-	1.35	1.16	1	0.87	0.76	0.66	0.57
	0.0m	-	-	1.82	1.48	1.25	1.07	0.93	0.81	0.71	0.63	-
	-1.0m	3.37	2.37	1.81	1.46	1.21	1.03	0.9	0.79	0.7	-	-
	-2.0m	3.49	2.45	1.86	1.49	1.23	1.05	0.91	0.8	-	-	-


		2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail	7.0m	-	-	-	-	-	2.30b	-	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.20b	2.17	-	-	-
50-150mm	5.0m	-	-	-	-	2.33b	2.30b	2.27b	2.15	1.75	-	-
	4.0m	-	-	-	2.99b	2.78b	2.62b	2.49	2.04	1.68	1.38	-
90% SWL	3.0m	-	-	-	-	3.39	2.78	2.29	1.89	1.57	1.31	1.08
	2.0m	-	-	-	-	3.02	2.5	2.07	1.73	1.45	1.22	1.02
Locked 	1.0m	-	-	-	-	2.74	2.26	1.88	1.58	1.34	1.14	0.96
	0.0m	-	-	4.07	3.17	2.57	2.11	1.76	1.49	1.26	1.08	-
	-1.0m	5.83a	5.72	4.06	3.13	2.51	2.05	1.71	1.45	1.24	-	-
	-2.0m	8.05a	5.86	4.14	3.18	2.54	2.07	1.73	1.48	-	-	-


		2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist	7.0m	-	-	-	-	-	1.71	-	-	-	-	-
	6.0m	-	-	-	-	-	1.74	1.43	1.18	-	-	-
150-177mm	5.0m	-	-	-	-	2.06	1.68	1.39	1.16	0.97	-	-
	4.0m	-	-	-	2.35	1.9	1.57	1.31	1.1	0.93	0.78	-
67% SWL	3.0m	-	-	-	-	1.69	1.41	1.19	1.01	0.86	0.74	0.62
	2.0m	-	-	-	-	1.46	1.24	1.06	0.91	0.79	0.68	0.58
Unlocked 	1.0m	-	-	-	-	1.29	1.1	0.96	0.83	0.72	0.63	0.53
	0.0m	-	-	1.72	1.41	1.19	1.02	0.88	0.77	0.68	0.6	-
	-1.0m	3.16	2.24	1.72	1.39	1.16	0.99	0.85	0.75	0.66	-	-
	-2.0m	3.27	2.31	1.77	1.42	1.17	1	0.87	0.77	-	-	-


		2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist	7.0m	-	-	-	-	-	2.30b	-	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.20b	2.12	-	-	-
150-177mm	5.0m	-	-	-	-	2.33b	2.30b	2.27b	2.1	1.71	-	-
	4.0m	-	-	-	2.99b	2.78b	2.62b	2.43	1.99	1.64	1.35	-
90% SWL	3.0m	-	-	-	-	3.28	2.71	2.23	1.85	1.54	1.28	1.06
	2.0m	-	-	-	-	2.93	2.42	2.01	1.69	1.42	1.19	1
Locked 	1.0m	-	-	-	-	2.65	2.19	1.83	1.55	1.31	1.11	0.95
	0.0m	-	-	3.87	3.05	2.48	2.05	1.71	1.45	1.24	1.06	-
	-1.0m	5.83a	5.34	3.86	3.01	2.42	1.99	1.66	1.41	1.21	-	-
	-2.0m	8.05a	5.47	3.94	3.06	2.46	2.01	1.68	1.44	-	-	-


NETWORK RAIL DUTIES

SECTOR D

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road											
	7.0m	-	-	-	-	2.31b	2.39b	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.21b	2.26b	-	-
	5.0m	-	-	-	-	-	2.25b	2.24b	2.23b	2.23b	-
Unlocked	4.0m	-	-	-	2.82b	2.67b	2.54b	2.44b	2.36b	2.30b	2.26b
	3.0m	-	-	-	3.70b	3.27b	2.98b	2.75b	2.58b	2.45b	2.35b
71% SWL	2.0m	-	-	-	-	3.94b	3.46b	3.11b	2.85b	2.64b	2.48b
	1.0m	-	-	-	-	4.46b	3.86b	3.41b	3.07b	2.81b	2.60b
	0.0m	-	-	-	5.58b	4.71b	4.07b	3.59b	3.21b	2.90b	2.64b
	-1.0m	5.39a	6.69a	6.51b	5.47b	4.68b	4.07b	3.59b	3.19b	2.85b	2.53b
	-2.0m	7.54a	7.08b	5.92b	5.05b	4.37b	3.81b	3.35b	2.94b	-	-

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road											
	7.0m	-	-	-	-	2.31b	2.39b	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.21b	2.26b	-	-
	5.0m	-	-	-	-	-	2.25b	2.24b	2.23b	2.23b	-
Locked	4.0m	-	-	-	2.82b	2.67b	2.54b	2.44b	2.36b	2.30b	2.26b
	3.0m	-	-	-	3.70b	3.27b	2.98b	2.75b	2.58b	2.45b	2.35b
71% SWL	2.0m	-	-	-	-	3.94b	3.46b	3.11b	2.85b	2.64b	2.48b
	1.0m	-	-	-	-	4.46b	3.86b	3.41b	3.07b	2.81b	2.60b
	0.0m	-	-	-	5.58b	4.71b	4.07b	3.59b	3.21b	2.90b	2.64b
	-1.0m	5.39a	6.69a	6.51b	5.47b	4.68b	4.07b	3.59b	3.19b	2.85b	2.53b
	-2.0m	7.54a	7.08b	5.92b	5.05b	4.37b	3.81b	3.35b	2.94b	-	-


	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail											
	7.0m	-	-	-	-	-	2.30b	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.20b	2.23b	-	-
0-50mm	5.0m	-	-	-	-	2.33b	2.30b	2.27b	2.24b	1.93	-
	4.0m	-	-	-	2.99b	2.78b	2.62b	2.50b	2.2	1.88	1.62
67% SWL	3.0m	-	-	-	-	3.42b	2.93	2.46	2.1	1.81	1.57
	2.0m	-	-	-	-	3.27	2.72	2.31	1.98	1.72	1.51
Unlocked	1.0m	-	-	-	-	3.05	2.55	2.18	1.88	1.65	1.46
	0.0m	-	-	4.72	3.62	2.93	2.45	2.09	1.82	1.6	1.42
	-1.0m	5.83a	6.81	4.71	3.59	2.89	2.4	2.05	1.79	1.58	-
	-2.0m	8.05a	6.85b	4.78	3.63	2.91	2.42	2.07	1.81	-	-


	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail											
	7.0m	-	-	-	-	-	2.30b	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.20b	2.23b	-	-
0-50mm	5.0m	-	-	-	-	2.33b	2.30b	2.27b	2.24b	2.23b	-
	4.0m	-	-	-	2.99b	2.78b	2.62b	2.50b	2.40b	2.32b	2.27b
87% SWL	3.0m	-	-	-	-	3.42b	3.08b	2.83b	2.64b	2.49b	2.38b
	Radius /	-	-	-	-	4.07b	3.55b	3.18b	2.90b	2.68b	2.51b
Locked	the lifting	-	-	-	-	4.54b	3.92b	3.46b	3.11b	2.84b	2.61b
	the mach	-	-	6.74b	5.58b	4.73b	4.09b	3.60b	3.22b	2.90b	2.63b
	safe wor	5.83a	7.15a	6.41b	5.41b	4.64b	4.04b	3.56b	3.16b	2.82b	-
	r' articu	8.05a	6.85b	5.74b	4.91b	4.25b	3.71b	3.25b	2.84b	-	-


NETWORK RAIL DUTIES

SECTOR D

		2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail	7.0m	-	-	-	-	-	2.30b	-	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.03	1.72	-	-	-
50-150mm	5.0m	-	-	-	-	2.33b	2.30b	2	1.71	1.46	-	-
	4.0m	-	-	-	2.99b	2.67	2.24	1.91	1.64	1.42	1.24	-
67% SWL	3.0m	-	-	-	-	2.46	2.09	1.79	1.56	1.36	1.19	1.05
	2.0m	-	-	-	-	2.23	1.92	1.67	1.46	1.29	1.14	1.01
Unlocked 	1.0m	-	-	-	-	2.06	1.79	1.56	1.38	1.22	1.09	0.98
	0.0m	-	-	2.8	2.31	1.97	1.7	1.49	1.32	1.18	1.06	-
	-1.0m	4.91	3.57	2.8	2.29	1.93	1.67	1.46	1.3	1.16	-	-
	-2.0m	5.01	3.65	2.84	2.32	1.95	1.68	1.48	1.32	-	-	-


		2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail	7.0m	-	-	-	-	-	2.30b	-	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.20b	2.23b	-	-	-
50-150mm	5.0m	-	-	-	-	2.33b	2.30b	2.27b	2.24b	2.23b	-	-
	4.0m	-	-	-	2.99b	2.78b	2.62b	2.50b	2.40b	2.32b	2.27b	-
90% SWL	3.0m	-	-	-	-	3.42b	3.08b	2.83b	2.64b	2.49b	2.38b	2.1
	2.0m	-	-	-	-	4.07b	3.55b	3.18b	2.90b	2.67	2.33	2.04
Locked 	1.0m	-	-	-	-	4.54b	3.88	3.34	2.92	2.56	2.25	1.98
	0.0m	-	-	6.74b	5.38	4.43	3.75	3.24	2.83	2.49	2.2	-
	-1.0m	5.83a	7.15a	6.41b	5.34	4.37	3.69	3.19	2.8	2.46	-	-
	-2.0m	8.05a	6.85b	5.74b	4.91b	4.25b	3.71b	3.21	2.83	-	-	-


		2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist	7.0m	-	-	-	-	-	1.71	-	-	-	-	-
	6.0m	-	-	-	-	-	1.74	1.43	1.18	-	-	-
150-177mm	5.0m	-	-	-	-	2.06	1.68	1.39	1.16	0.97	-	-
	4.0m	-	-	-	2.35	1.9	1.57	1.31	1.1	0.93	0.78	-
67% SWL	3.0m	-	-	-	-	1.69	1.41	1.19	1.01	0.86	0.74	0.62
	2.0m	-	-	-	-	1.46	1.24	1.06	0.91	0.79	0.68	0.58
Unlocked 	1.0m	-	-	-	-	1.29	1.1	0.96	0.83	0.72	0.63	0.53
	0.0m	-	-	1.72	1.41	1.19	1.02	0.88	0.77	0.68	0.6	-
	-1.0m	3.16	2.24	1.72	1.39	1.16	0.99	0.85	0.75	0.66	-	-
	-2.0m	3.27	2.31	1.77	1.42	1.17	1	0.87	0.77	-	-	-


		2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist	7.0m	-	-	-	-	-	2.30b	-	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.20b	2.12	-	-	-
150-177mm	5.0m	-	-	-	-	2.33b	2.30b	2.27b	2.1	1.71	-	-
	4.0m	-	-	-	2.99b	2.78b	2.62b	2.43	1.99	1.64	1.35	-
90% SWL	3.0m	-	-	-	-	3.28	2.71	2.23	1.85	1.54	1.28	1.06
	2.0m	-	-	-	-	2.93	2.42	2.01	1.69	1.42	1.19	1
Locked 	1.0m	-	-	-	-	2.65	2.19	1.83	1.55	1.31	1.11	0.95
	0.0m	-	-	3.87	3.05	2.48	2.05	1.71	1.45	1.24	1.06	-
	-1.0m	5.83a	5.34	3.86	3.01	2.42	1.99	1.66	1.41	1.21	-	-
	-2.0m	8.05a	5.47	3.94	3.06	2.46	2.01	1.68	1.44	-	-	-


NETWORK RAIL DUTIES

SECTOR E

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road	7.0m	-	-	-	2.31b	2.39b	-	-	-	-	-
	6.0m	-	-	-	-	2.17b	2.21b	2.26b	-	-	-
	5.0m	-	-	-	-	2.25b	2.24b	2.23b	2.23b	-	-
Unlocked	4.0m	-	-	2.82b	2.67b	2.54b	2.44b	2.36b	2.30b	2.26b	-
	3.0m	-	-	3.70b	3.27b	2.98b	2.75b	2.58b	2.45b	2.35b	2.14a
71% SWL	2.0m	-	-	-	3.94b	3.46b	3.11b	2.85b	2.64b	2.48b	2.36b
	1.0m	-	-	-	4.46b	3.86b	3.41b	3.07b	2.81b	2.60b	2.42b
	0.0m	-	-	5.58b	4.71b	4.07b	3.59b	3.21b	2.90b	2.64b	-
	-1.0m	5.39a	6.69a	6.51b	5.47b	4.68b	4.07b	3.59b	3.19b	2.85b	2.53b
	-2.0m	7.54a	7.08b	5.92b	5.05b	4.37b	3.81b	3.35b	2.94b	-	-

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road	7.0m	-	-	-	2.31b	2.39b	-	-	-	-	-
	6.0m	-	-	-	-	2.17b	2.21b	2.26b	-	-	-
	5.0m	-	-	-	-	2.25b	2.24b	2.23b	2.23b	-	-
Locked	4.0m	-	-	2.82b	2.67b	2.54b	2.44b	2.36b	2.30b	2.26b	-
	3.0m	-	-	3.70b	3.27b	2.98b	2.75b	2.58b	2.45b	2.35b	2.14a
71% SWL	2.0m	-	-	-	3.94b	3.46b	3.11b	2.85b	2.64b	2.48b	2.36b
	1.0m	-	-	-	4.46b	3.86b	3.41b	3.07b	2.81b	2.60b	2.42b
	0.0m	-	-	5.58b	4.71b	4.07b	3.59b	3.21b	2.90b	2.64b	-
	-1.0m	5.39a	6.69a	6.51b	5.47b	4.68b	4.07b	3.59b	3.19b	2.85b	2.53b
	-2.0m	7.54a	7.08b	5.92b	5.05b	4.37b	3.81b	3.35b	2.94b	-	-


	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail	7.0m	-	-	-	-	2.30b	-	-	-	-	-
	6.0m	-	-	-	-	2.17b	2.20b	2.23b	-	-	-
0-50mm	5.0m	-	-	-	2.33b	2.30b	2.27b	2.24b	2.23b	-	-
	4.0m	-	-	2.99b	2.78b	2.62b	2.50b	2.40b	2.32b	2.27b	-
87% SWL	3.0m	-	-	-	3.42b	3.08b	2.83b	2.64b	2.49b	2.38b	2.30a
	2.0m	-	-	-	4.07b	3.55b	3.18b	2.90b	2.68b	2.51b	2.37b
Unlocked	1.0m	-	-	-	4.54b	3.92b	3.46b	3.11b	2.84b	2.61b	2.42b
	0.0m	-	-	6.74b	5.58b	4.73b	4.09b	3.60b	3.22b	2.90b	2.63b
	-1.0m	5.83a	7.15a	6.41b	5.41b	4.64b	4.04b	3.56b	3.16b	2.82b	-
	-2.0m	8.05a	6.85b	5.74b	4.91b	4.25b	3.71b	3.25b	2.84b	-	-


	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail	7.0m	-	-	-	-	2.30b	-	-	-	-	-
	6.0m	-	-	-	-	2.17b	2.20b	2.23b	-	-	-
0-50mm	5.0m	-	-	-	2.33b	2.30b	2.27b	2.24b	2.23b	-	-
	4.0m	-	-	2.99b	2.78b	2.62b	2.50b	2.40b	2.32b	2.27b	-
87% SWL	3.0m	-	-	-	3.42b	3.08b	2.83b	2.64b	2.49b	2.38b	2.30a
	Radius /	-	-	-	4.07b	3.55b	3.18b	2.90b	2.68b	2.51b	2.37b
Locked	the lifting	-	-	-	4.54b	3.92b	3.46b	3.11b	2.84b	2.61b	2.42b
	the mach	-	-	6.74b	5.58b	4.73b	4.09b	3.60b	3.22b	2.90b	2.63b
	safe wor	5.83a	7.15a	6.41b	5.41b	4.64b	4.04b	3.56b	3.16b	2.82b	-
	r' articu	8.05a	6.85b	5.74b	4.91b	4.25b	3.71b	3.25b	2.84b	-	-


NETWORK RAIL DUTIES

SECTOR E

		2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail	7.0m	-	-	-	-	-	2.30b	-	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.20b	2.23b	-	-	-
50-150mm	5.0m	-	-	-	-	2.33b	2.30b	2.27b	2.24b	2.23b	-	-
	4.0m	-	-	-	2.99b	2.78b	2.62b	2.50b	2.40b	2.32b	2.27b	-
87% SWL	3.0m	-	-	-	-	3.42b	3.08b	2.83b	2.64b	2.49b	2.38b	2.30a
	2.0m	-	-	-	-	4.07b	3.55b	3.18b	2.90b	2.68b	2.51b	2.37b
Unlocked 	1.0m	-	-	-	-	4.54b	3.92b	3.46b	3.11b	2.84b	2.61b	2.42b
	0.0m	-	-	6.74b	5.58b	4.73b	4.09b	3.60b	3.22b	2.90b	2.63b	-
	-1.0m	5.83a	7.15a	6.41b	5.41b	4.64b	4.04b	3.56b	3.16b	2.82b	-	-
	-2.0m	8.05a	6.85b	5.74b	4.91b	4.25b	3.71b	3.25b	2.84b	-	-	-

		2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail	7.0m	-	-	-	-	-	2.30b	-	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.20b	2.23b	-	-	-
50-150mm	5.0m	-	-	-	-	2.33b	2.30b	2.27b	2.24b	2.23b	-	-
	4.0m	-	-	-	2.99b	2.78b	2.62b	2.50b	2.40b	2.32b	2.27b	-
87% SWL	3.0m	-	-	-	-	3.42b	3.08b	2.83b	2.64b	2.49b	2.38b	2.30a
	2.0m	-	-	-	-	4.07b	3.55b	3.18b	2.90b	2.68b	2.51b	2.37b
Locked 	1.0m	-	-	-	-	4.54b	3.92b	3.46b	3.11b	2.84b	2.61b	2.42b
	0.0m	-	-	6.74b	5.58b	4.73b	4.09b	3.60b	3.22b	2.90b	2.63b	-
	-1.0m	5.83a	7.15a	6.41b	5.41b	4.64b	4.04b	3.56b	3.16b	2.82b	-	-
	-2.0m	8.05a	6.85b	5.74b	4.91b	4.25b	3.71b	3.25b	2.84b	-	-	-

		2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist	7.0m	-	-	-	-	-	1.71	-	-	-	-	-
	6.0m	-	-	-	-	-	1.74	1.43	1.18	-	-	-
150-177mm	5.0m	-	-	-	-	2.06	1.68	1.39	1.16	0.97	-	-
	4.0m	-	-	-	2.35	1.9	1.57	1.31	1.1	0.93	0.78	-
67% SWL	3.0m	-	-	-	-	1.69	1.41	1.19	1.01	0.86	0.74	0.62
	2.0m	-	-	-	-	1.46	1.24	1.06	0.91	0.79	0.68	0.58
Unlocked 	1.0m	-	-	-	-	1.29	1.1	0.96	0.83	0.72	0.63	0.53
	0.0m	-	-	1.72	1.41	1.19	1.02	0.88	0.77	0.68	0.6	-
	-1.0m	3.16	2.24	1.72	1.39	1.16	0.99	0.85	0.75	0.66	-	-
	-2.0m	3.27	2.31	1.77	1.42	1.17	1	0.87	0.77	-	-	-

		2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist	7.0m	-	-	-	-	-	2.30b	-	-	-	-	-
	6.0m	-	-	-	-	-	2.17b	2.20b	2.12	-	-	-
150-177mm	5.0m	-	-	-	-	2.33b	2.30b	2.27b	2.1	1.71	-	-
	4.0m	-	-	-	2.99b	2.78b	2.62b	2.43	1.99	1.64	1.35	-
90% SWL	3.0m	-	-	-	-	3.28	2.71	2.23	1.85	1.54	1.28	1.06
	2.0m	-	-	-	-	2.93	2.42	2.01	1.69	1.42	1.19	1
Locked 	1.0m	-	-	-	-	2.65	2.19	1.83	1.55	1.31	1.11	0.95
	0.0m	-	-	3.87	3.05	2.48	2.05	1.71	1.45	1.24	1.06	-
	-1.0m	5.83a	5.34	3.86	3.01	2.42	1.99	1.66	1.41	1.21	-	-
	-2.0m	8.05a	5.47	3.94	3.06	2.46	2.01	1.68	1.44	-	-	-