

Axis and measure	Walking	Trotting	Snuffling	Resting
Surge, absolute dynamic acceleration (g)	0.218 ± 0.052	0.283 ± 0.052	0.199 ± 0.057	0.011 ± 0.002
Sway, absolute dynamic acceleration (g)	0.193 ± 0.050	0.295 ± 0.067	0.142 ± 0.050	0.011 ± 0.001
Heave, absolute dynamic acceleration (g)	0.336 ± 0.112	0.792 ± 0.153	0.190 ± 0.057	0.011 ± 0.001
Surge, static acceleration (g)	0.204 ± 0.098	0.159 ± 0.062	0.539 ± 0.141	0.041 ± 0.324
Sway, static acceleration (g)	0.270 ± 0.073	0.259 ± 0.058	0.268 ± 0.088	0.097 ± 0.353
Heave, static acceleration (g)	-1.040 ± 0.052	-1.048 ± 0.028	-0.884 ± 0.096	0.856 ± 0.072
Surge, maximum amplitude (g)	0.201 ± 0.060	0.250 ± 0.077	0.176 ± 0.069	0.009 ± 0.002
Sway, maximum amplitude (g)	0.185 ± 0.043	0.315 ± 0.098	0.130 ± 0.059	0.009 ± 0.002
Heave, maximum amplitude (g)	0.378 ± 0.186	0.966 ± 0.235	0.189 ± 0.063	0.008 ± 0.002
Surge, amplitude σ (g)	0.047 ± 0.012	0.064 ± 0.025	0.043 ± 0.017	0.002 ± 0.001
Sway, amplitude σ (g)	0.045 ± 0.012	0.074 ± 0.024	0.031 ± 0.014	0.002 ± 0.000
Heave, amplitude σ (g)	0.093 ± 0.041	0.235 ± 0.052	0.047 ± 0.017	0.002 ± 0.000
Surge, peak frequency (Hz)	3.00 ± 2.402	7.08 ± 2.478	5.64 ± 2.935	6.12 ± 3.884
Sway, peak frequency (Hz)	2.26 ± 1.284	3.76 ± 0.752	3.54 ± 2.165	6.72 ± 3.260
Heave, peak frequency (Hz)	2.98 ± 0.620	3.64 ± 0.550	4.14 ± 1.729	6.46 ± 3.348