

Appendix A - Wave results

Wave calibration results

Probe ID	Wave height [m]				Wave period [s]		
	Target Hs	Measured Hs	% Diff	H _{max}	Target Tp	Measured Tp	% Diff
Condition A01							
P-01	0.90	0.90	0.0%	1.88	3.69	3.61	-2.1%
P-02	0.90	0.94	4.3%	1.94	3.69	3.61	-2.1%
P-03	0.90	0.92	2.2%	1.90	3.69	3.61	-2.1%
P-04	0.90	0.90	0.0%	2.08	3.69	3.61	-2.1%
Condition A02							
P-01	1.44	1.44	0.0%	2.78	4.10	4.12	0.6%
P-02	1.44	1.48	2.7%	2.88	4.10	4.12	0.6%
P-03	1.44	1.46	1.4%	2.80	4.10	4.12	0.6%
P-04	1.44	1.44	0.0%	2.88	4.10	4.08	-0.4%
Condition A03							
P-01	1.87	1.98	5.6%	3.78	4.46	4.41	-1.1%
P-02	1.87	1.92	2.6%	3.68	4.46	4.41	-1.1%
P-03	1.87	1.90	1.6%	3.68	4.46	4.51	1.1%
P-04	1.87	1.86	-0.5%	3.90	4.46	4.41	-1.1%
Condition A04							
P-01	2.07	2.12	2.4%	3.32	4.71	4.76	1.1%
P-02	2.07	2.08	0.5%	3.30	4.71	4.76	1.1%
P-03	2.07	2.10	1.4%	3.46	4.71	4.76	1.1%
P-04	2.07	2.02	-2.5%	3.60	4.71	4.76	1.1%
Condition A05							
P-01	2.07	2.10	1.4%	3.76	4.71	4.66	-1.1%
P-02	2.07	2.06	-0.5%	3.46	4.71	4.66	-1.1%
P-03	2.07	2.04	-1.5%	3.60	4.71	4.66	-1.1%
P-04	2.07	2.04	-1.5%	3.70	4.71	4.81	2.1%
Condition A06							
P-01	2.28	2.28	0.0%	3.88	4.71	4.62	-2.1%
P-02	2.28	2.24	-1.8%	3.78	4.71	4.62	-2.1%
P-03	2.28	2.28	0.0%	3.86	4.71	4.62	-2.1%
P-04	2.28	2.26	-0.9%	4.06	4.71	4.81	2.1%
Condition A07							
P-01	2.48	2.48	0.0%	3.94	4.71	4.62	-2.1%
P-02	2.48	2.44	-1.6%	3.92	4.71	4.62	-2.1%
P-03	2.48	2.48	0.0%	4.06	4.71	4.62	-2.1%
P-04	2.48	2.48	0.0%	4.74	4.71	4.81	2.1%

Appendix A - Wave results

Wave test results – Series A

Probe ID	Wave height [m]				Wave period [s]		
	Target Hs	Measured Hs	% Diff	H _{max}	Target Tp	Measured Tp	% Diff
Condition A01							
P-01	0.90	1.04	13.5%	2.32	3.69	3.64	-1.5%
P-02	0.90	0.98	8.2%	2.24	3.69	3.71	0.6%
P-03	0.90	1.00	10.0%	2.24	3.69	3.64	-1.5%
P-04	0.90	1.00	10.0%	2.38	3.69	3.86	4.4%
Condition A02							
P-01	1.44	1.63	11.7%	3.29	4.10	4.26	3.7%
P-02	1.44	1.57	8.4%	3.14	4.10	4.12	0.5%
P-03	1.44	1.57	8.4%	3.31	4.10	4.14	0.9%
P-04	1.44	1.53	6.1%	3.35	4.10	4.26	3.7%
Condition A03							
P-01	1.87	2.06	9.2%	4.06	4.46	4.68	4.7%
P-02	1.87	2.04	8.3%	4.00	4.46	4.62	3.5%
P-03	1.87	2.04	8.3%	4.08	4.46	5.10	12.5%
P-04	1.87	1.98	5.6%	4.00	4.46	4.53	1.6%
Condition A04							
P-01	2.07	2.18	5.0%	3.72	4.71	4.61	-2.3%
P-02	2.07	2.14	3.3%	3.56	4.71	4.77	1.2%
P-03	2.07	2.14	3.3%	3.62	4.71	4.68	-0.6%
P-04	2.07	2.18	5.0%	3.78	4.71	4.92	4.3%
Condition A04B (Depth limiting conditions, i.e. waves broke prior to reaching the probes)							
P-01	1.50	0.56	-167.9%	1.00	4.05	4.26	4.9%
P-02	1.50	0.54	-177.8%	1.12	4.05	4.12	1.7%
P-03	1.50	0.56	-167.9%	1.02	4.05	4.14	2.1%
P-04	1.50	0.52	-188.5%	0.96	4.05	4.26	4.9%
Condition A05							
P-01	2.07	2.28	9.2%	4.38	4.71	4.65	-1.3%
P-02	2.07	2.24	7.6%	4.26	4.71	4.65	-1.3%
P-03	2.07	2.24	7.6%	4.50	4.71	4.90	3.9%
P-04	2.07	2.14	3.3%	4.30	4.71	4.65	-1.3%

Appendix A - Wave results

Wave test results – Series B

Probe ID	Wave height [m]				Wave period [s]		
	Target Hs	Measured Hs	% Diff	H _{max}	Target Tp	Measured Tp	% Diff
Condition B01							
P-01	0.90	1.02	13.3%	2.26	3.69	3.64	-1.5%
P-02	0.90	1.00	11.1%	2.26	3.69	3.71	0.6%
P-03	0.90	1.02	13.3%	2.28	3.69	3.64	-1.5%
P-04	0.90	1.00	11.1%	2.22	3.69	3.86	4.6%
Condition B05							
P-01	2.07	2.28	10.1%	4.38	4.71	4.65	-1.3%
P-02	2.07	2.30	11.1%	4.38	4.71	4.65	-1.3%
P-03	2.07	2.24	8.2%	4.24	4.71	4.90	4.1%
P-04	2.07	2.18	5.3%	4.08	4.71	4.65	-1.3%
Condition B06							
P-01	2.28	2.46	7.9%	5.14	4.71	4.65	-1.3%
P-02	2.28	2.42	6.1%	4.64	4.71	4.65	-1.3%
P-03	2.28	2.34	2.6%	4.62	4.71	4.81	2.2%
P-04	2.28	2.40	5.3%	4.82	4.71	4.65	-1.3%