

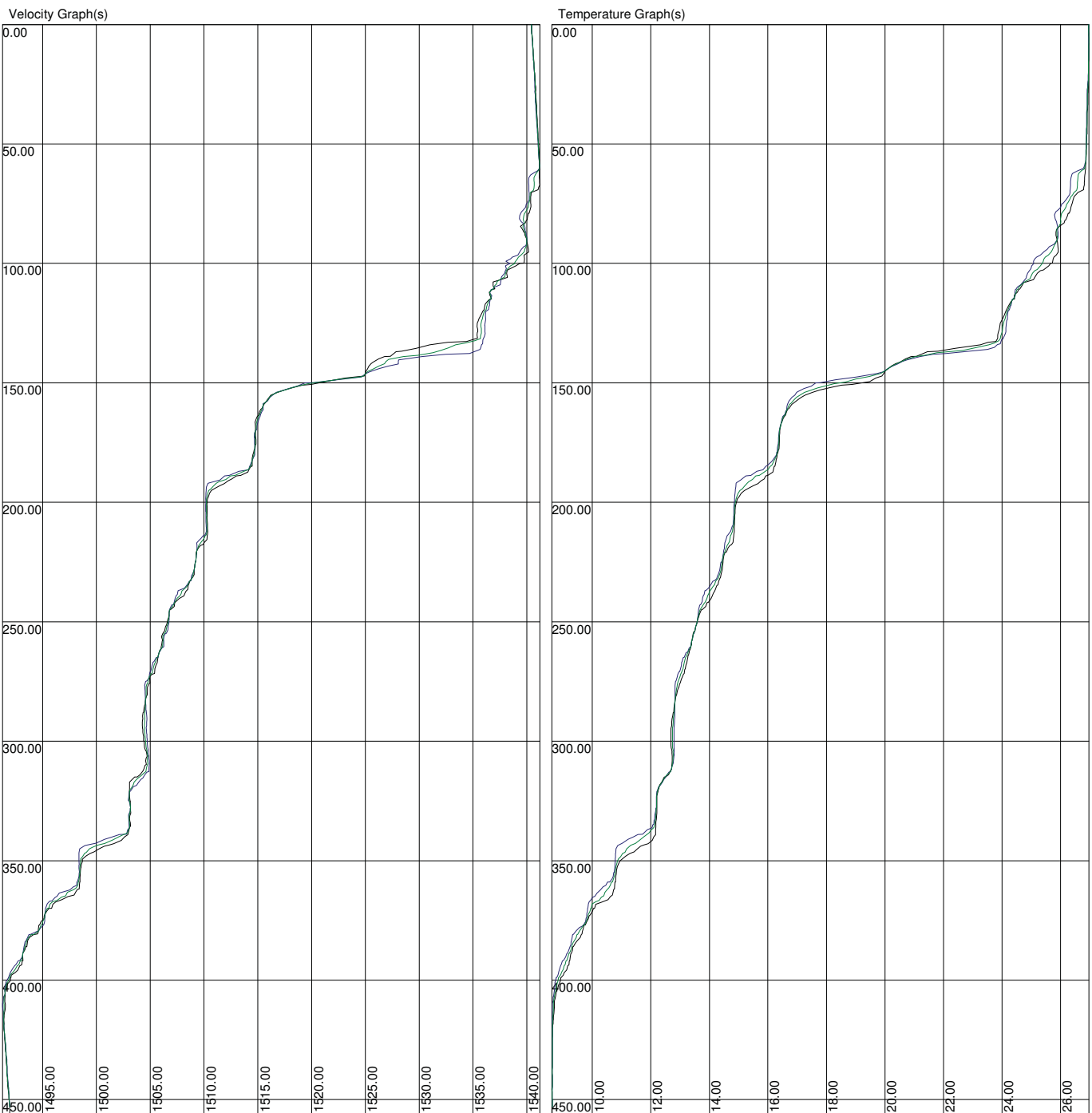
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650	S/N, Calibration Date : USPC-0020, 07/10/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F2820254_down.vel	0.00	456.10	1491.39	1541.21	1514.44	18.016	1540.51	8.62	26.97	16.69	6.656	26.96
F2820254_up.vel	0.00	453.09	1491.29	1541.18	1514.56	18.088	1540.48	8.63	26.97	16.62	6.657	26.97
M2820252.vel	0.00	453.09	1491.37	1541.18	1514.57	18.030	1540.50	8.63	26.97	16.68	6.650	26.97

Profile	Date	Time	Easting	Northing
F2820254_down.vel	08/10/2016	02:52	2446808.000	829438.000
F2820254_up.vel	08/10/2016	02:52	2446808.000	829438.000
M2820252.vel	08/10/2016	02:52	2446808.000	829438.000



Surveyor	Date : 08/Oct/2016	Checked	Date :
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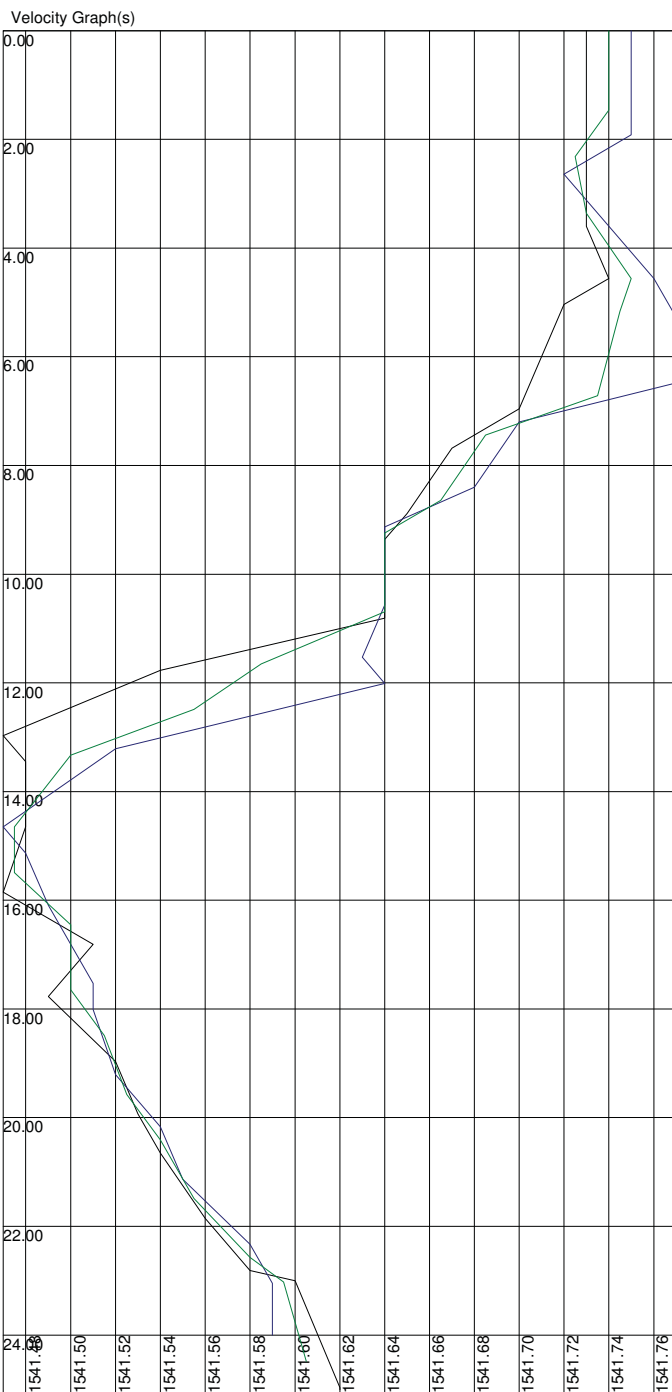
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650	S/N, Calibration Date : USPC-0020, 07/10/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F2821837_down.vel	0.00	25.11	1541.47	1541.74	1541.60	0.095	1541.73	27.22	27.45	27.31	0.093	27.44
F2821837_up.vel	0.00	24.73	1541.47	1541.77	1541.62	0.102	1541.76	27.23	27.46	27.33	0.098	27.46
M2821828.vel	0.00	24.73	1541.48	1541.75	1541.61	0.097	1541.75	27.23	27.46	27.32	0.095	27.45

Profile	Date	Time	Easting	Northing
F2821837_down.vel	08/10/2016	18:28	2428140.130	807494.160
F2821837_up.vel	08/10/2016	18:28	2428140.130	807494.160
M2821828.vel	08/10/2016	18:28	2428140.130	807494.160



Surveyor	Date : 08/Oct/2016	Checked	Date :
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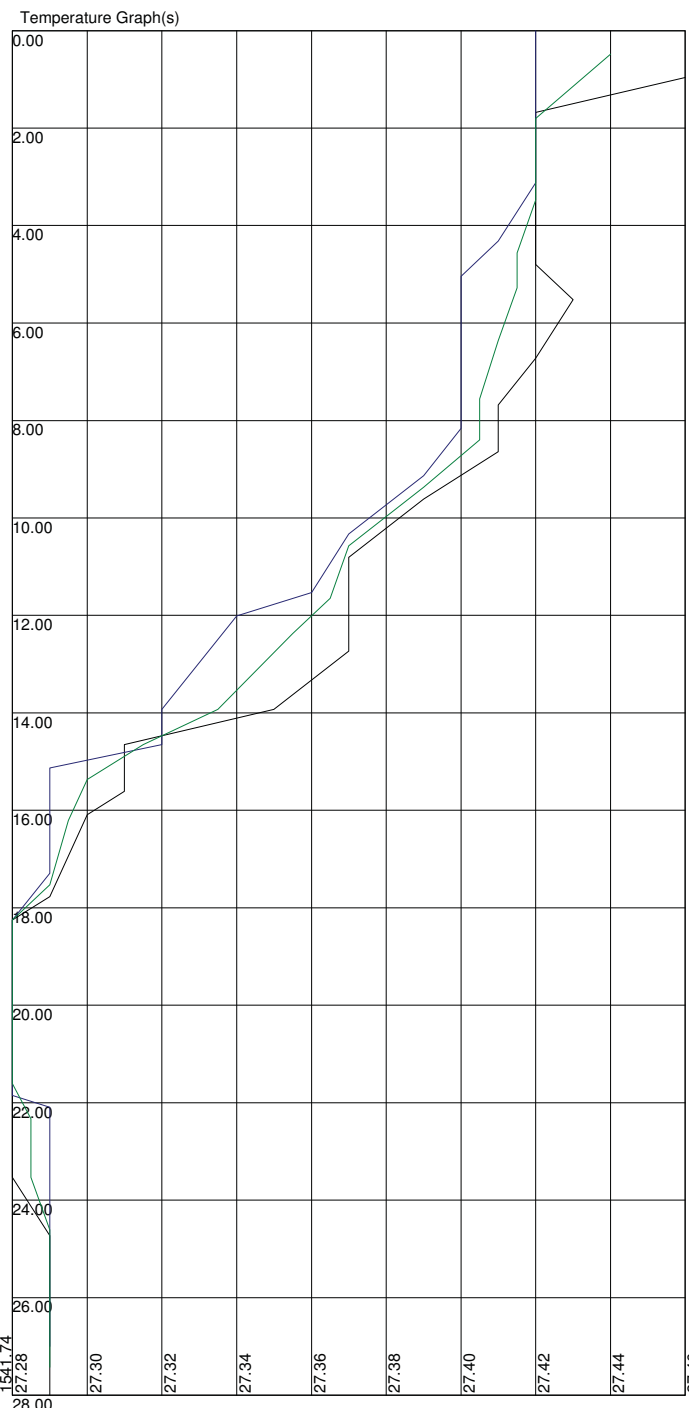
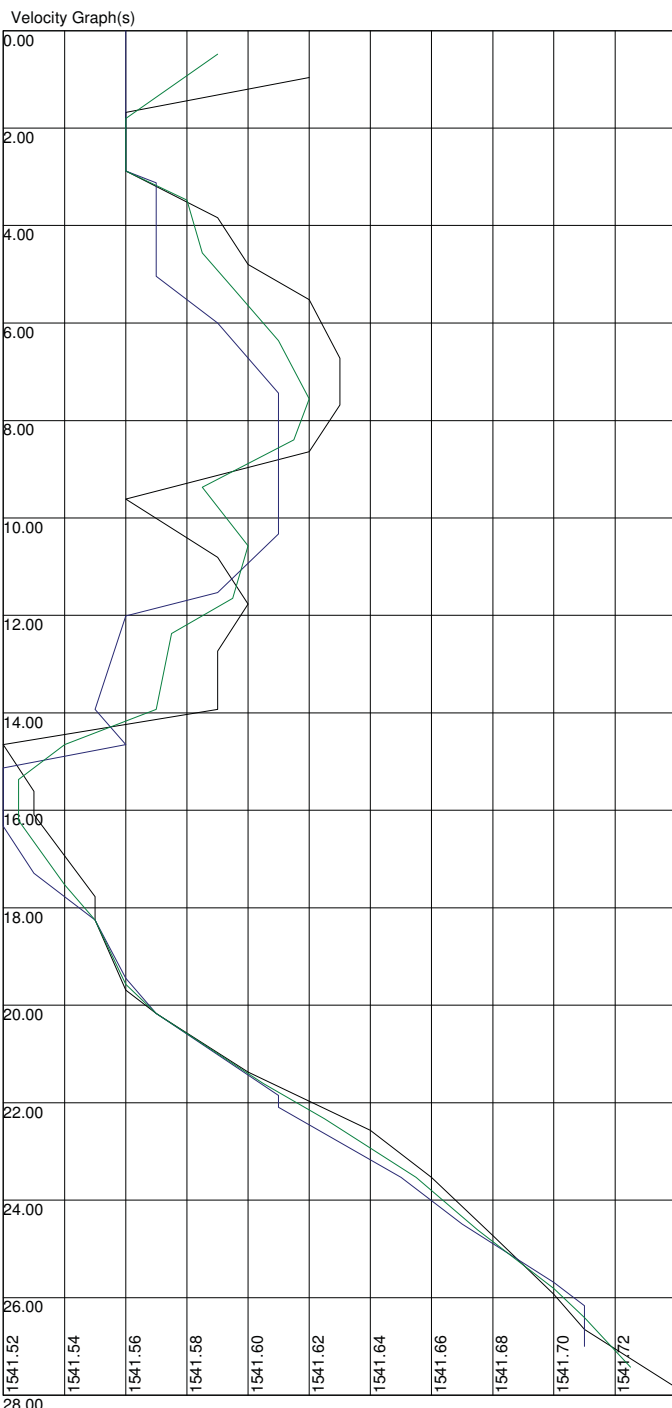
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650	S/N, Calibration Date : USPC-0020, 07/10/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F2831854_down.vel	0.96	28.01	1541.52	1541.74	1541.61	0.061	1541.60	27.28	27.46	27.34	0.062	27.42
F2831854_up.vel	0.00	27.37	1541.52	1541.73	1541.59	0.053	1541.58	27.28	27.42	27.34	0.057	27.41
M2831828.vel	0.00	27.43	1541.53	1541.73	1541.60	0.053	1541.59	27.28	27.44	27.34	0.059	27.41

Profile	Date	Time	Easting	Northing
F2831854_down.vel	09/10/2016	18:28	2427834.980	807230.720
F2831854_up.vel	09/10/2016	18:28	2427834.980	807230.720
M2831828.vel	09/10/2016	18:28	2427834.980	807230.720



Surveyor	Date : 09/Oct/2016	Checked	Date :
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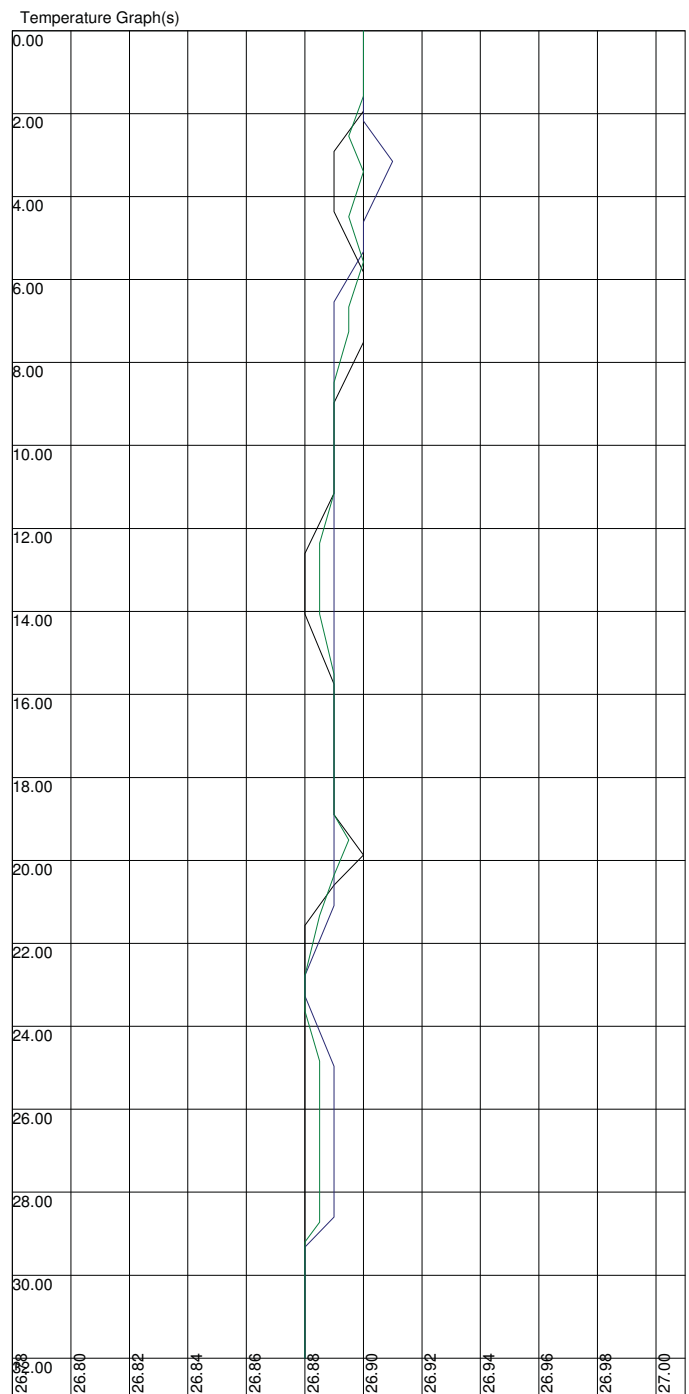
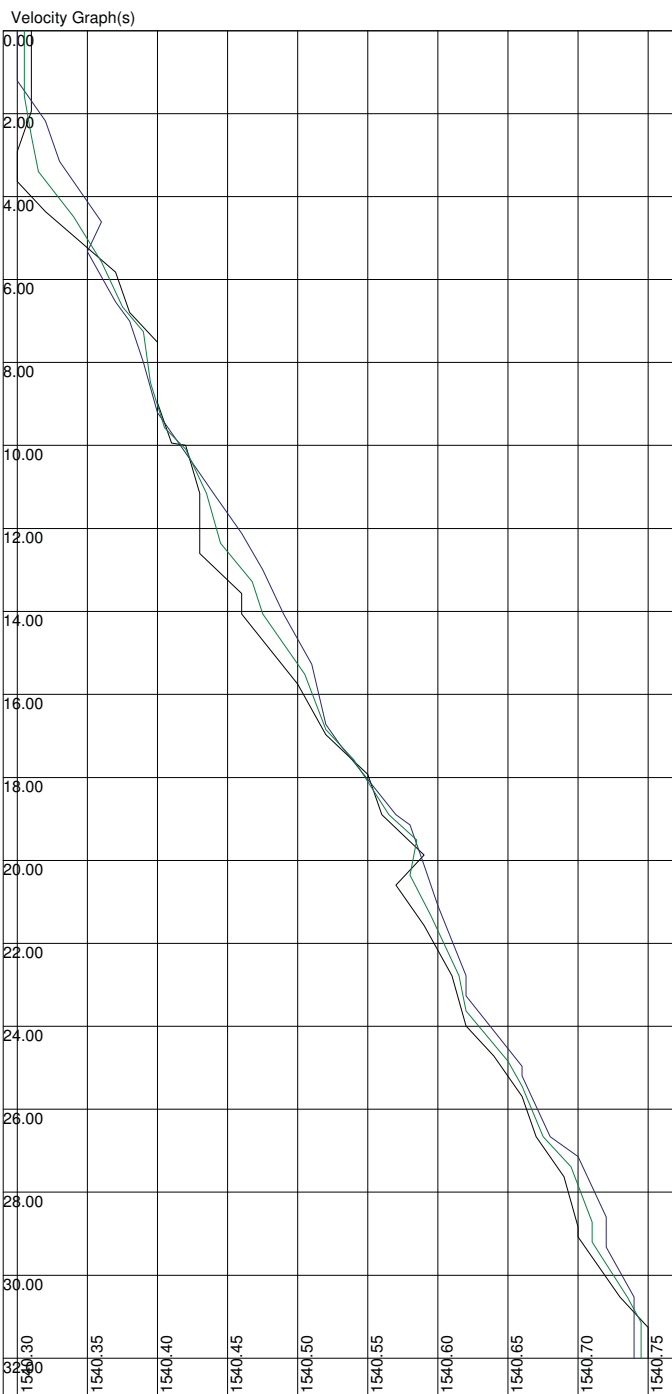
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650	S/N, Calibration Date : USPC-0020, 07/10/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F2871400_down.vel	0.00	32.90	1540.29	1540.77	1540.52	0.145	1540.34	26.88	26.90	26.89	0.008	26.89
F2871400_up.vel	0.00	32.72	1540.30	1540.77	1540.52	0.146	1540.36	26.88	26.91	26.89	0.007	26.90
M2871359.vel	0.00	32.72	1540.31	1540.75	1540.52	0.145	1540.35	26.88	26.90	26.89	0.006	26.90

Profile	Date	Time	Easting	Northing
F2871400_down.vel	13/10/2016	13:59	2466138.000	796958.000
F2871400_up.vel	13/10/2016	13:59	2466138.000	796958.000
M2871359.vel	13/10/2016	13:59	2466138.000	796958.000



Surveyor	Date : 13/Oct/2016	Checked	Date :
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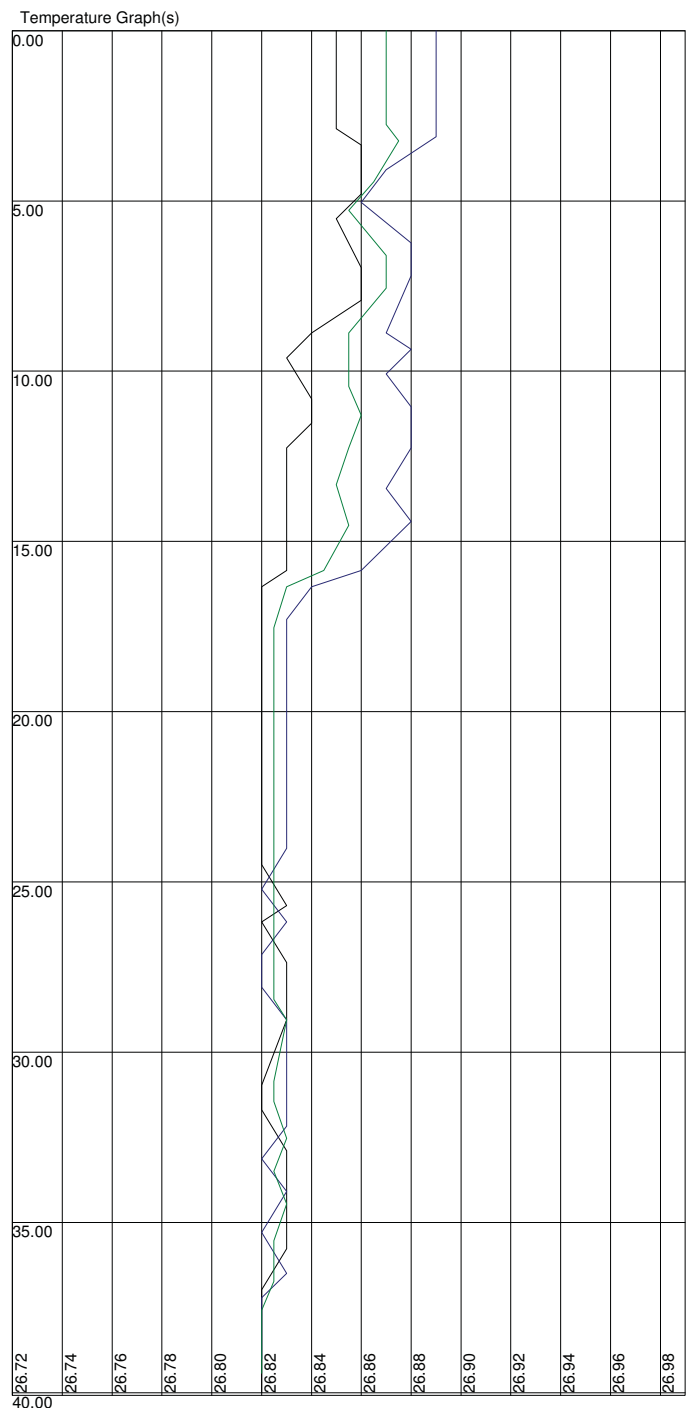
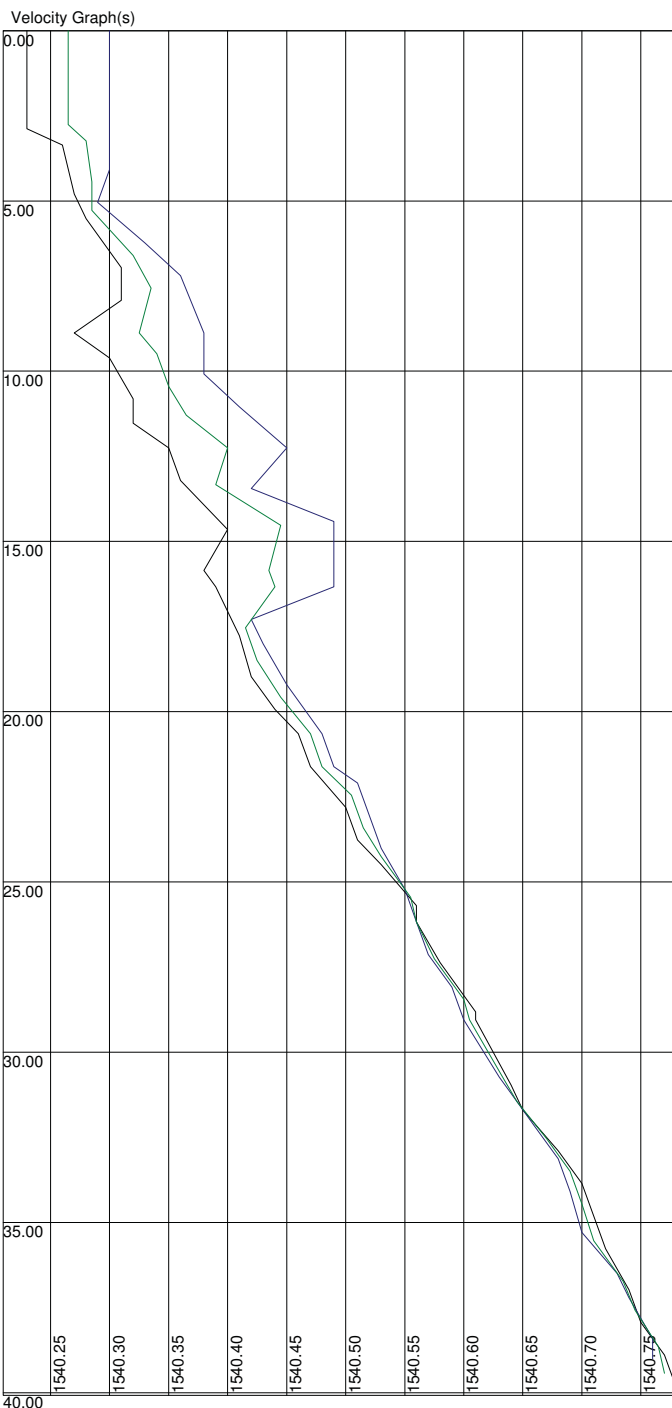
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650	S/N, Calibration Date : USPC-0020, 07/10/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F2911820_down.vel	0.00	40.08	1540.21	1540.78	1540.48	0.180	1540.27	26.82	26.86	26.83	0.013	26.86
F2911820_up.vel	0.00	39.37	1540.27	1540.78	1540.50	0.144	1540.31	26.82	26.89	26.85	0.026	26.87
M2911738.vel	0.00	39.43	1540.27	1540.77	1540.49	0.159	1540.29	26.82	26.88	26.84	0.019	26.87

Profile	Date	Time	Easting	Northing
F2911820_down.vel	17/10/2016	17:38	2467981.050	796825.520
F2911820_up.vel	17/10/2016	17:38	2467981.050	796825.520
M2911738.vel	17/10/2016	17:38	2467981.050	796825.520



Surveyor	Date : 17/Oct/2016	Checked	Date :
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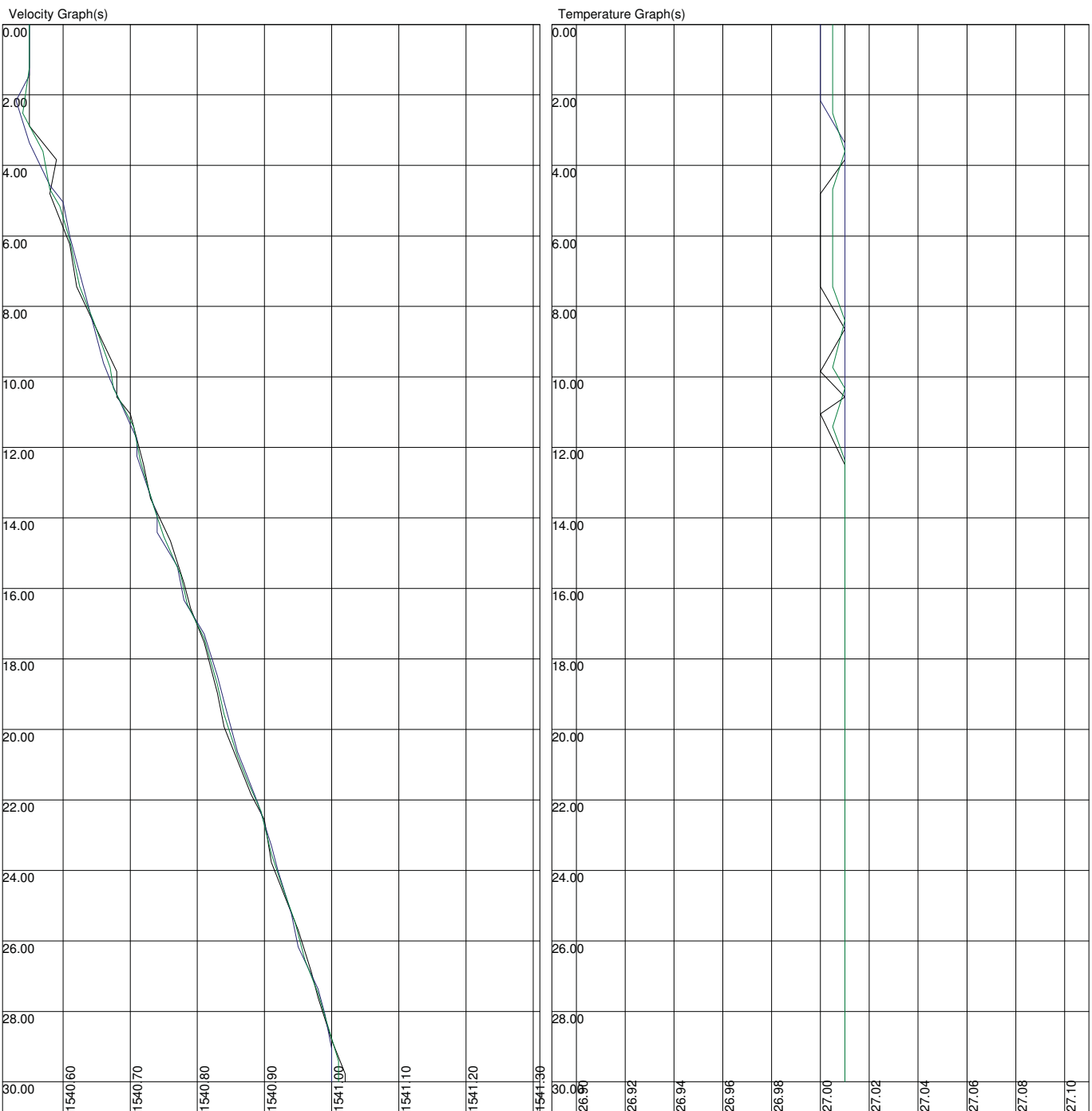
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650	S/N, Calibration Date : USPC-0020, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F2922005_down.vel	0.00	30.91	1540.53	1541.03	1540.78	0.155	1540.58	27.00	27.01	27.01	0.004	27.00
F2922005_up.vel	0.00	30.73	1540.51	1541.31	1540.77	0.153	1540.59	27.00	27.01	27.01	0.003	27.01
M2921940.vel	0.00	30.73	1540.54	1541.01	1540.77	0.154	1540.59	27.01	27.01	27.01	0.002	27.01

Profile	Date	Time	Easting	Northing
F2922005_down.vel	18/10/2016	19:40	2440684.720	801988.820
F2922005_up.vel	18/10/2016	19:40	2440684.720	801988.820
M2921940.vel	18/10/2016	19:40	2440684.720	801988.820



Surveyor	Date : 18/Oct/2016	Checked	Date :
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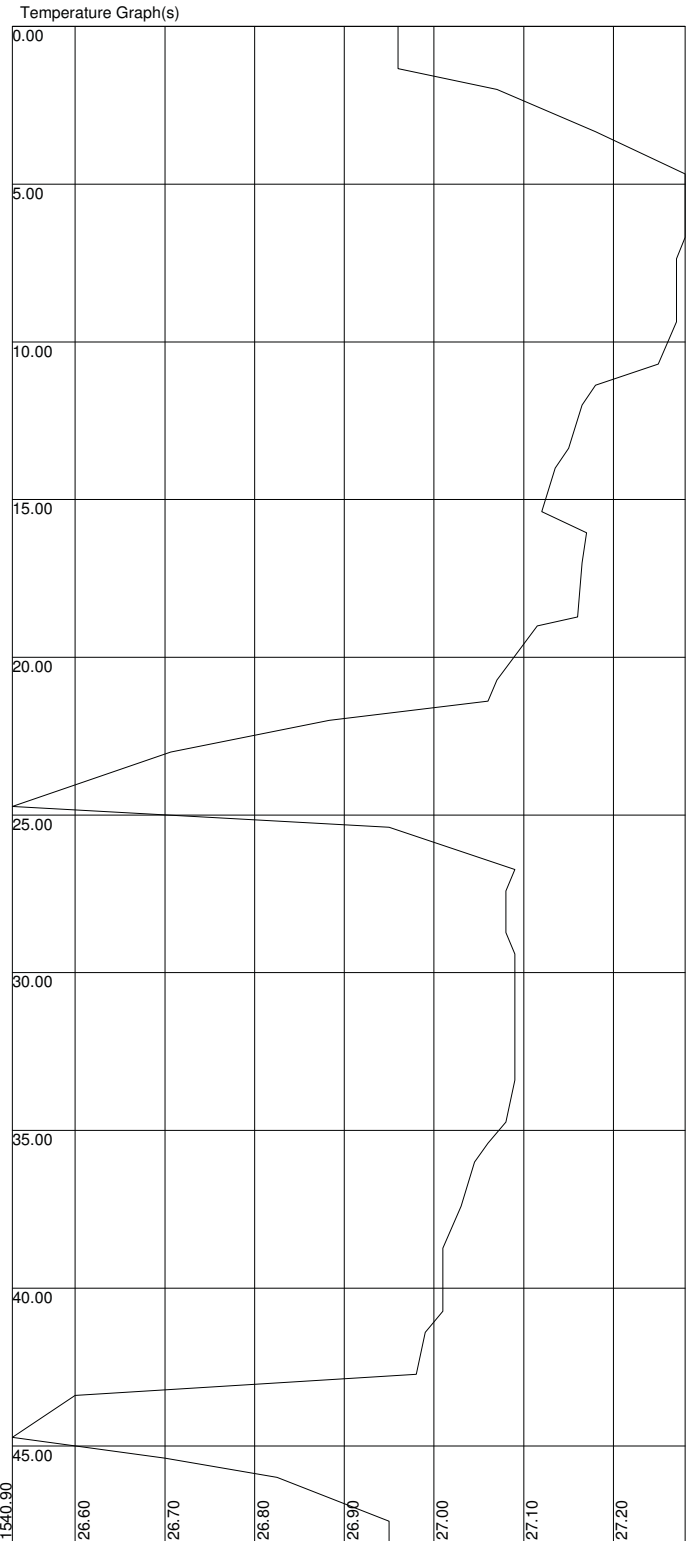
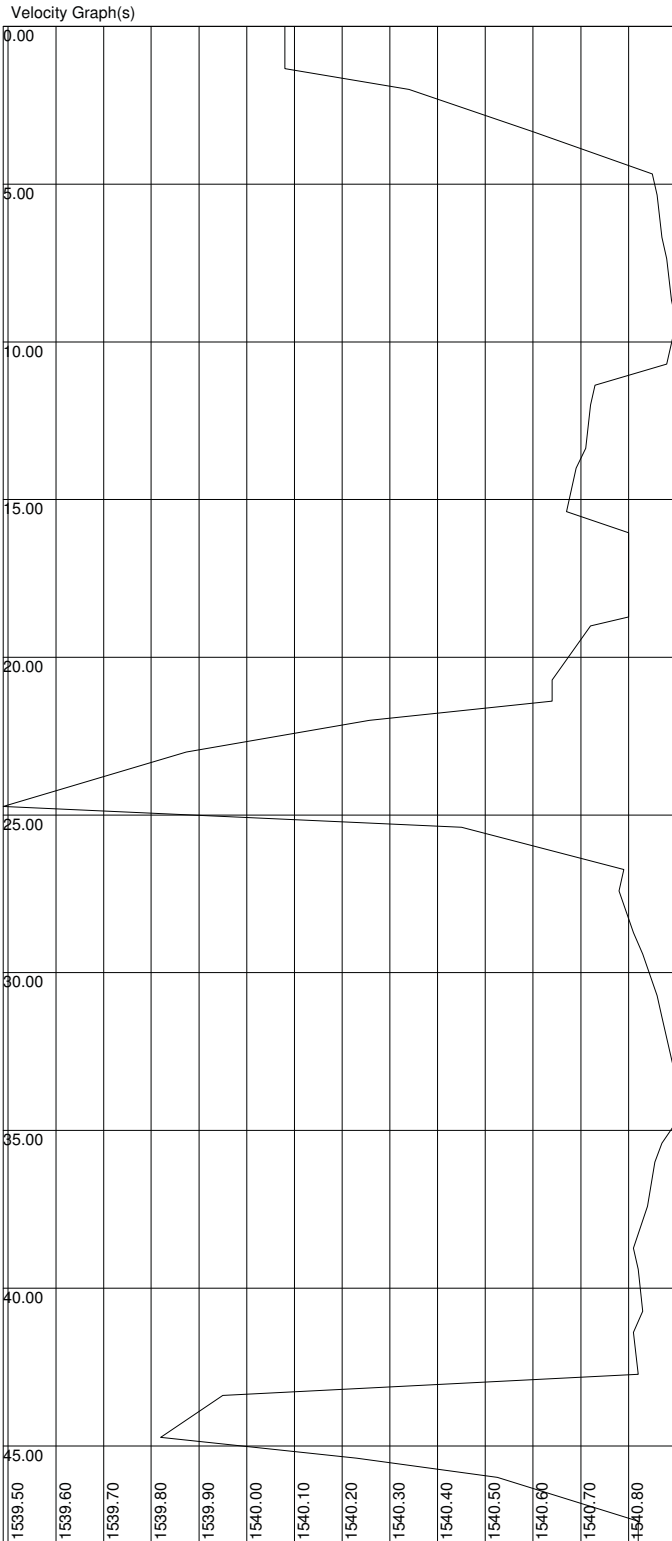
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT7	S/N, Calibration Date : 1158562, 12/12/13

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F2932025_down.vel	0.00	48.06	1539.49	1540.90	1540.65	0.336	1540.85	26.53	27.28	27.04	0.182	27.28

Profile	Date	Time	Easting	Northing
F2932025_down.vel	19/10/2016	19:19	2471440.400	798019.230



Surveyor	Date : 19/Oct/2016	Checked	Date :
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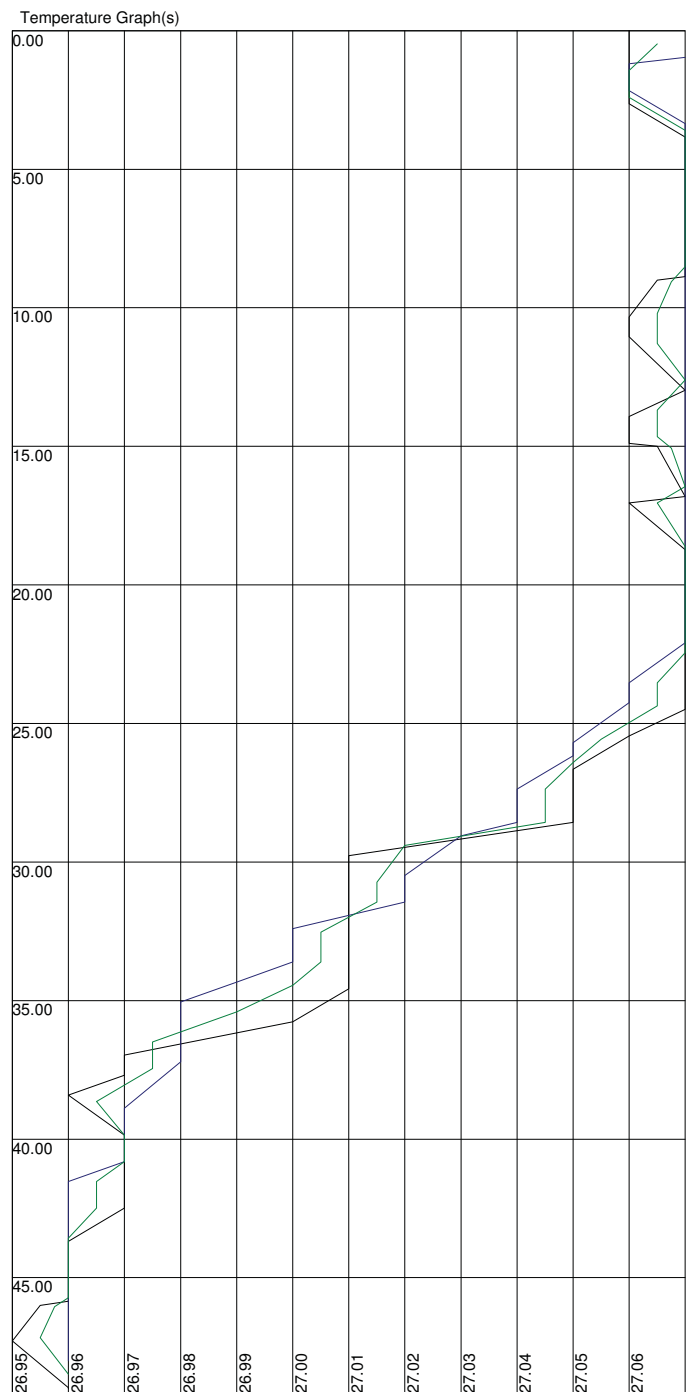
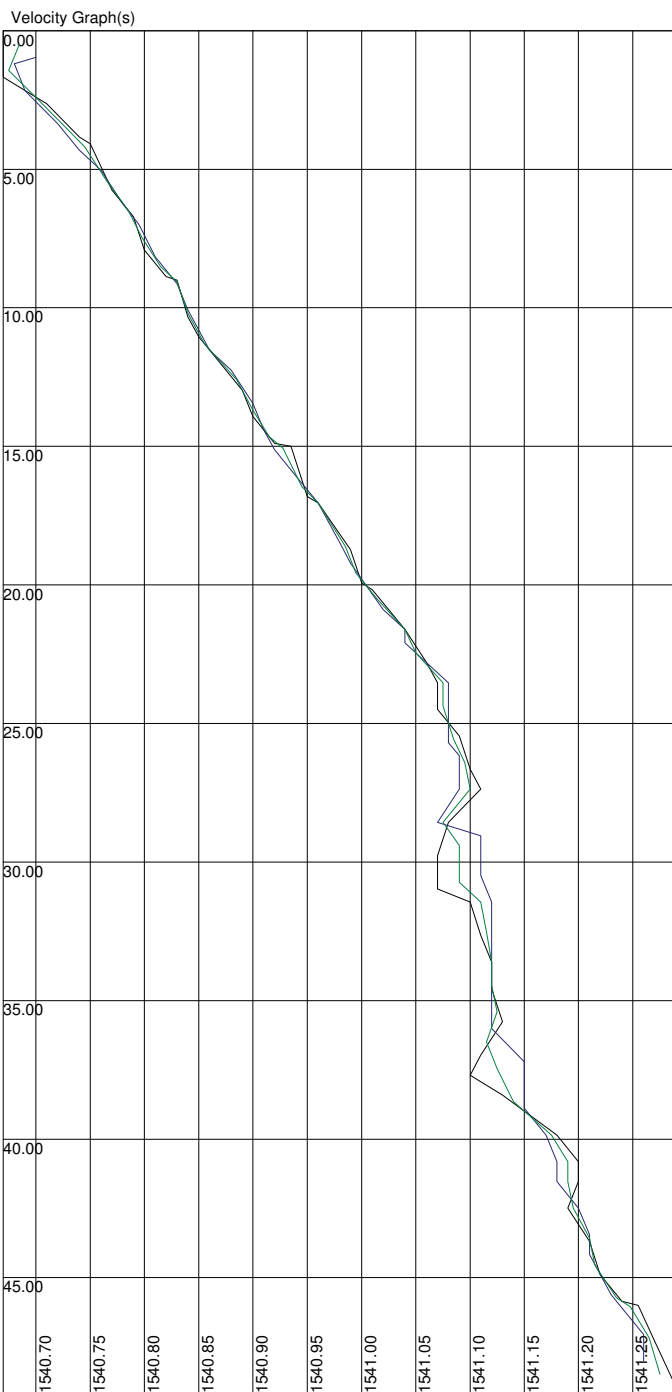
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650Mk1	S/N, Calibration Date : USPC 0020, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F2942249_down.vel	0.00	49.25	1540.67	1541.29	1541.02	0.173	1540.76	26.95	27.07	27.03	0.046	27.07
F2942249_up.vel	0.96	48.49	1540.67	1541.29	1541.01	0.171	1540.75	26.96	27.07	27.03	0.045	27.07
M2942225.vel	0.00	48.49	1540.68	1541.28	1541.01	0.170	1540.76	26.96	27.07	27.03	0.045	27.07

Profile	Date	Time	Easting	Northing
F2942249_down.vel	20/10/2016	22:25	2468841.470	797641.290
F2942249_up.vel	20/10/2016	22:25	2468841.470	797641.290
M2942225.vel	20/10/2016	22:25	2468841.470	797641.290



Surveyor	Date : 20/Oct/2016	Checked	Date :
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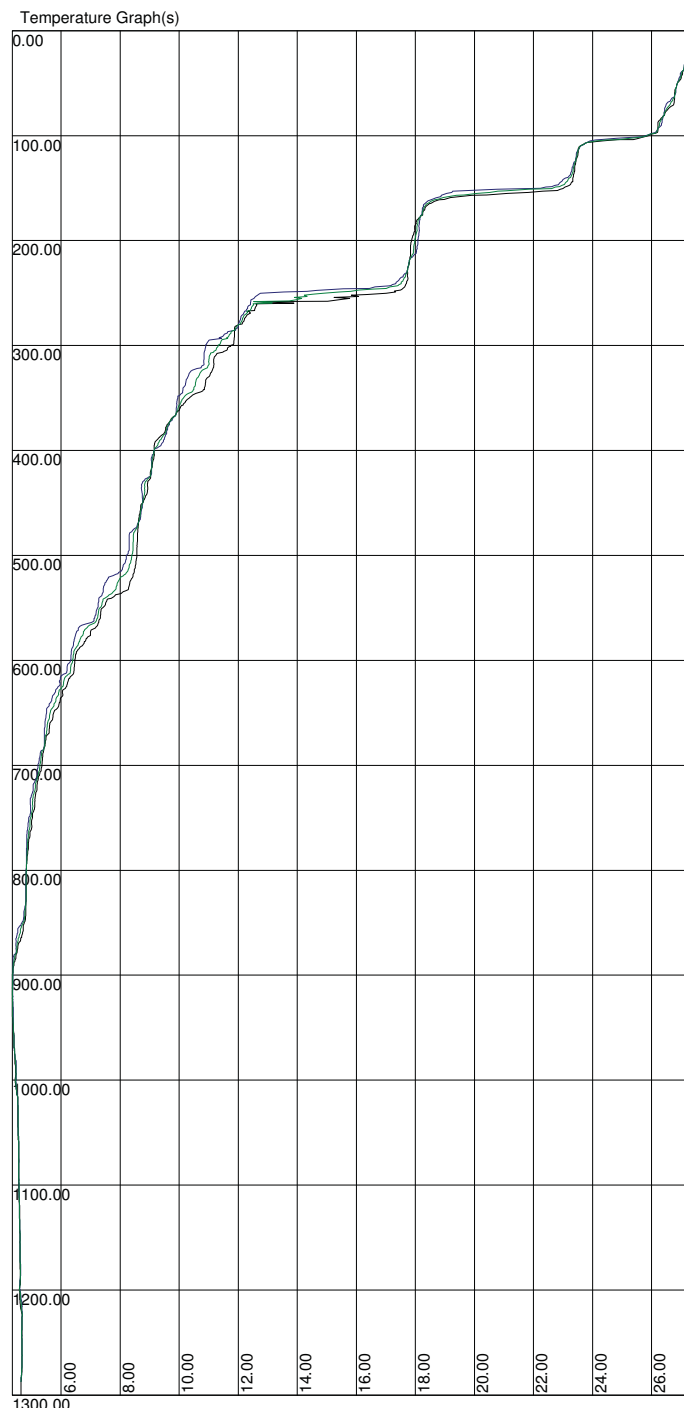
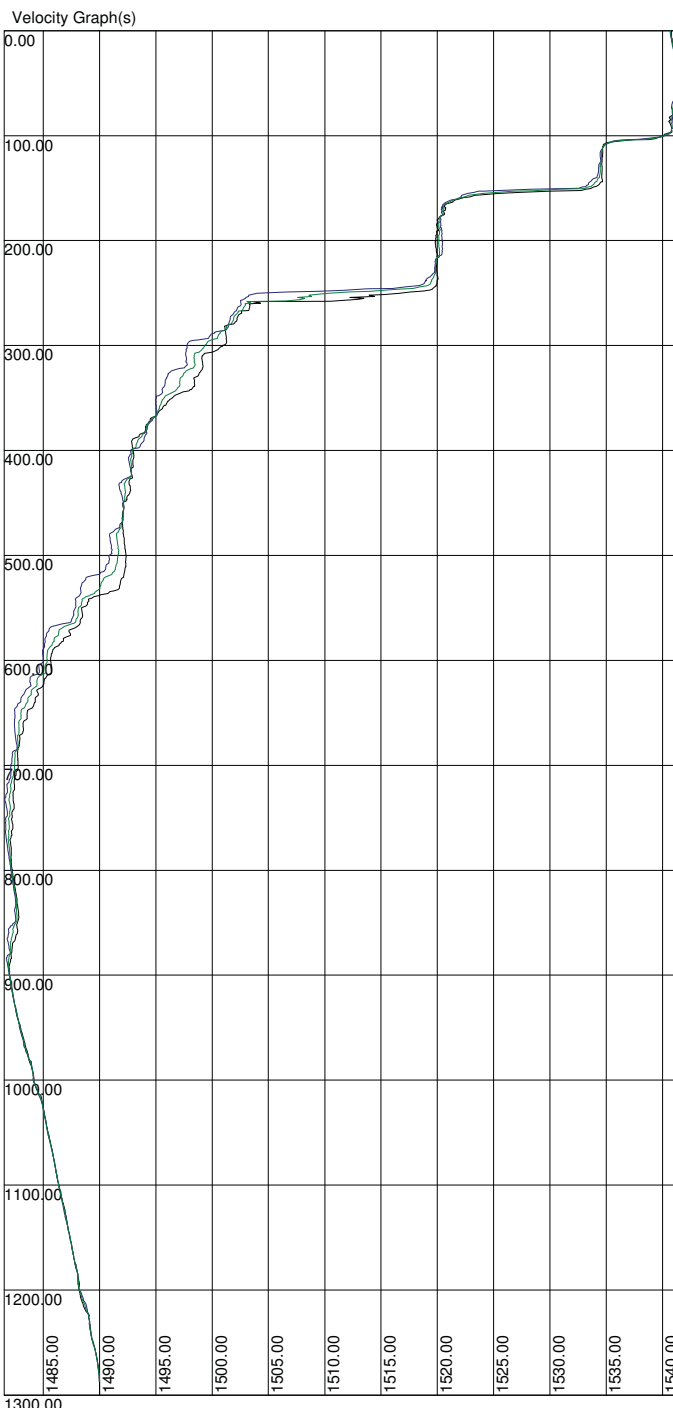
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650Mk1	S/N, Calibration Date : USPC 0020, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F2961012_down.vel	0.00	1300.33	1481.97	1541.30	1496.41	18.481	1540.78	4.35	27.13	9.52	7.047	27.12
F2961012_up.vel	0.00	1287.95	1481.55	1541.20	1495.92	18.543	1540.72	4.36	27.14	9.42	7.020	27.14
M2961012.vel	0.00	1287.95	1481.90	1541.22	1496.20	18.543	1540.75	4.36	27.14	9.49	7.040	27.13

Profile	Date	Time	Easting	Northing
F2961012_down.vel	22/10/2016	10:12	2485915.000	827876.000
F2961012_up.vel	22/10/2016	10:12	2485915.000	827876.000
M2961012.vel	22/10/2016	10:12	2485915.000	827876.000

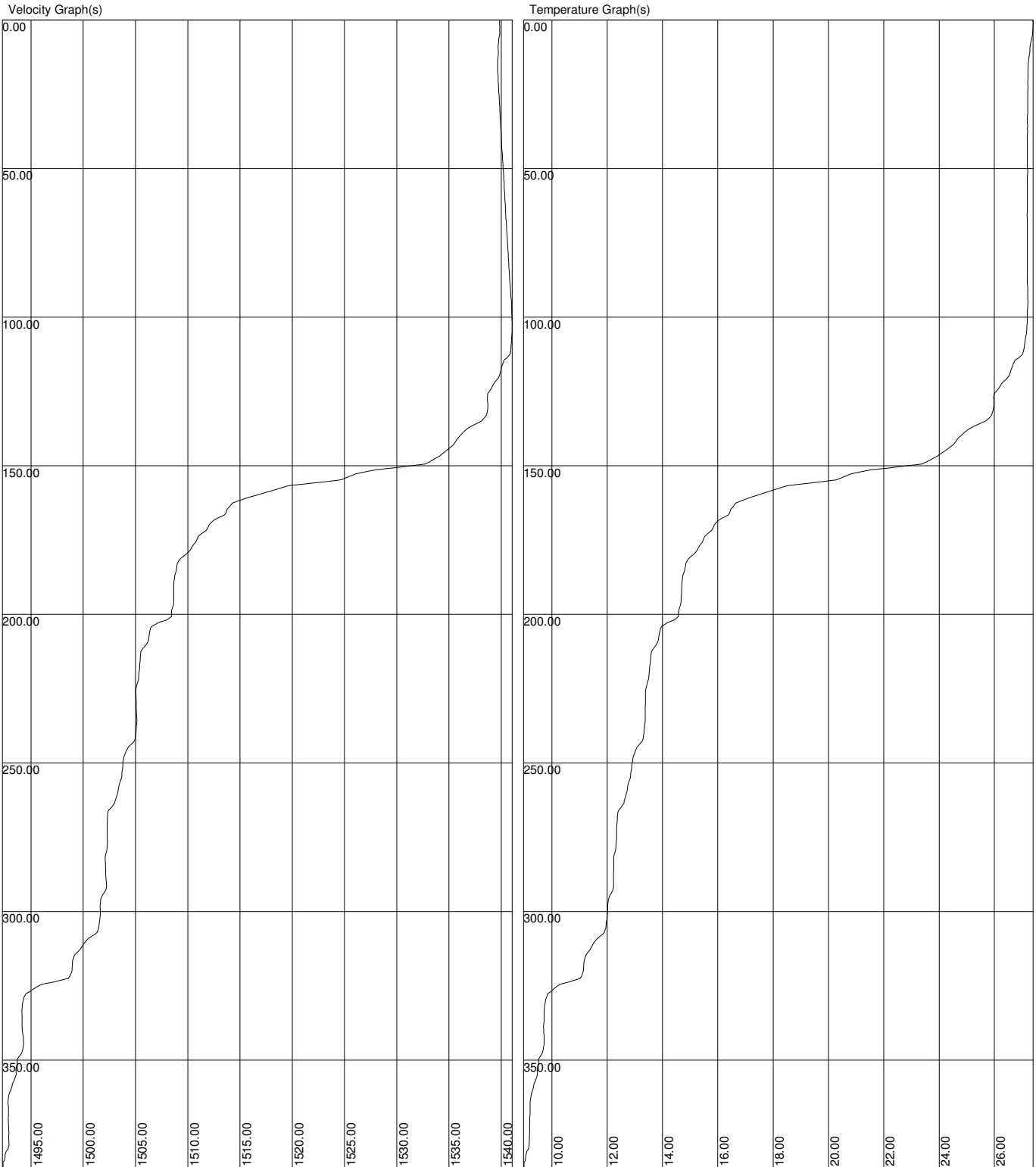


Surveyor	Date : 22/Oct/2016	Checked	Date :
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Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT_T7	S/N, Calibration Date : 1158558, 12/12/13

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F2981729_down.vel	0.00	386.29	1492.28	1541.04	1517.01	18.969	1539.84	9.00	27.40	18.07	7.247	27.37

Profile	Date	Time	Easting	Northing
F2981729_down.vel	24/10/2016	16:45	2496876.390	783492.720



Surveyor	Date : 24/Oct/2016	Checked	Date :
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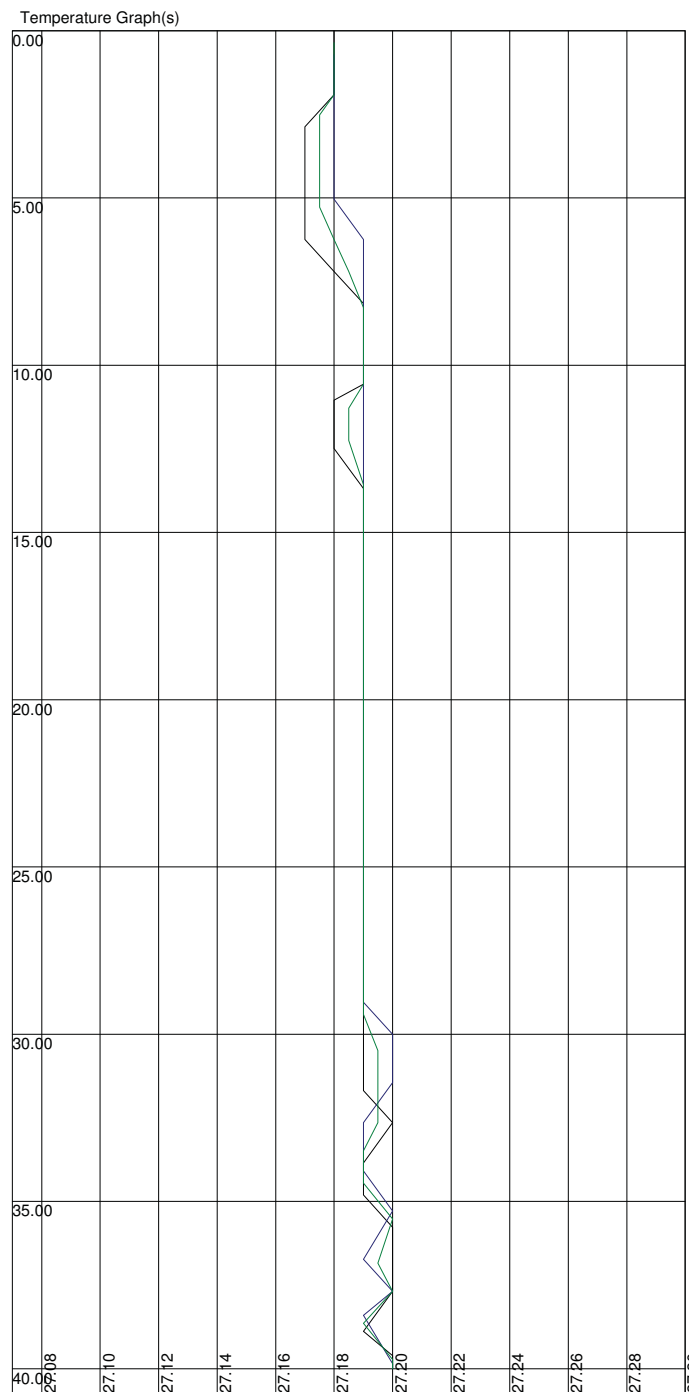
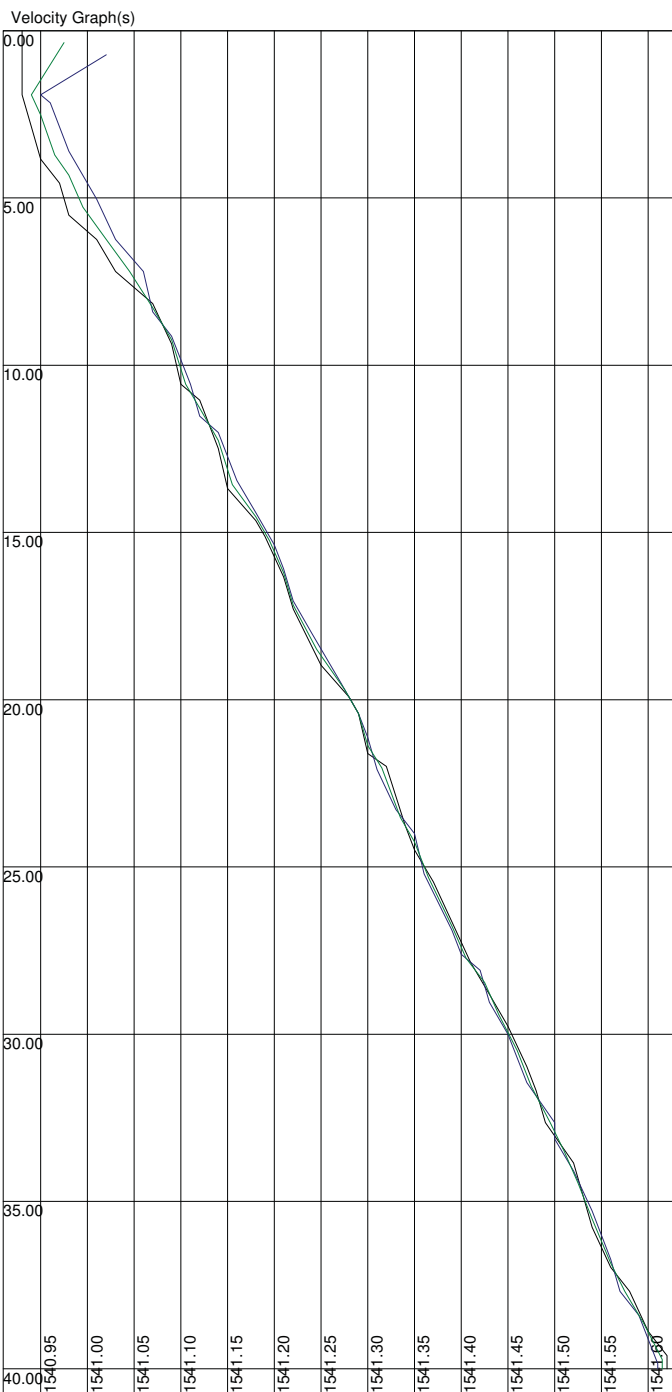
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650Mk1	S/N, Calibration Date : USPC 0020, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F2982223_down.vel	0.00	40.80	1540.91	1541.63	1541.28	0.218	1540.98	27.17	27.20	27.19	0.009	27.17
F2982223_up.vel	0.72	40.57	1540.94	1541.63	1541.28	0.205	1541.01	27.18	27.20	27.19	0.005	27.18
M2982201.vel	0.00	40.57	1540.94	1541.62	1541.28	0.211	1540.99	27.18	27.20	27.19	0.007	27.18

Profile	Date	Time	Easting	Northing
F2982223_down.vel	24/10/2016	22:01	2474988.890	791729.380
F2982223_up.vel	24/10/2016	22:01	2474988.890	791729.380
M2982201.vel	24/10/2016	22:01	2474988.890	791729.380

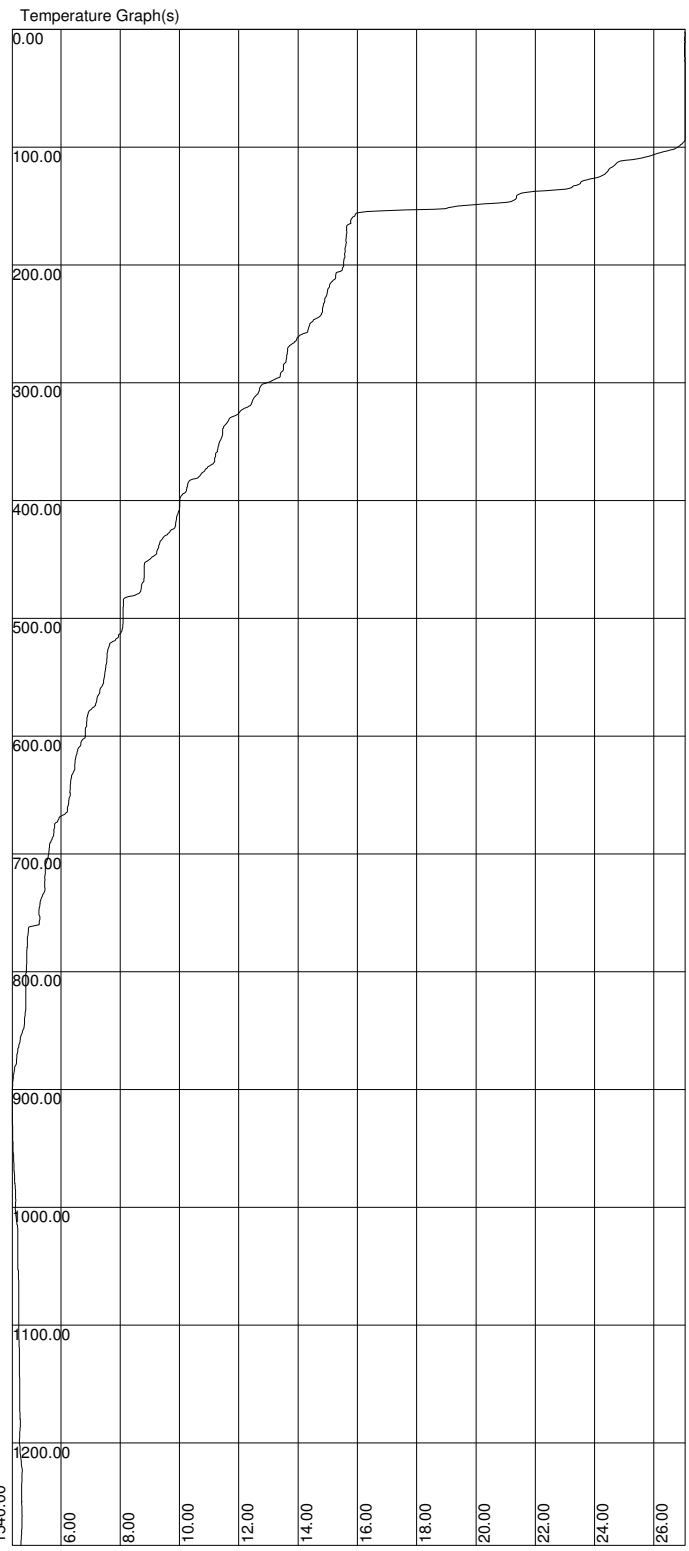
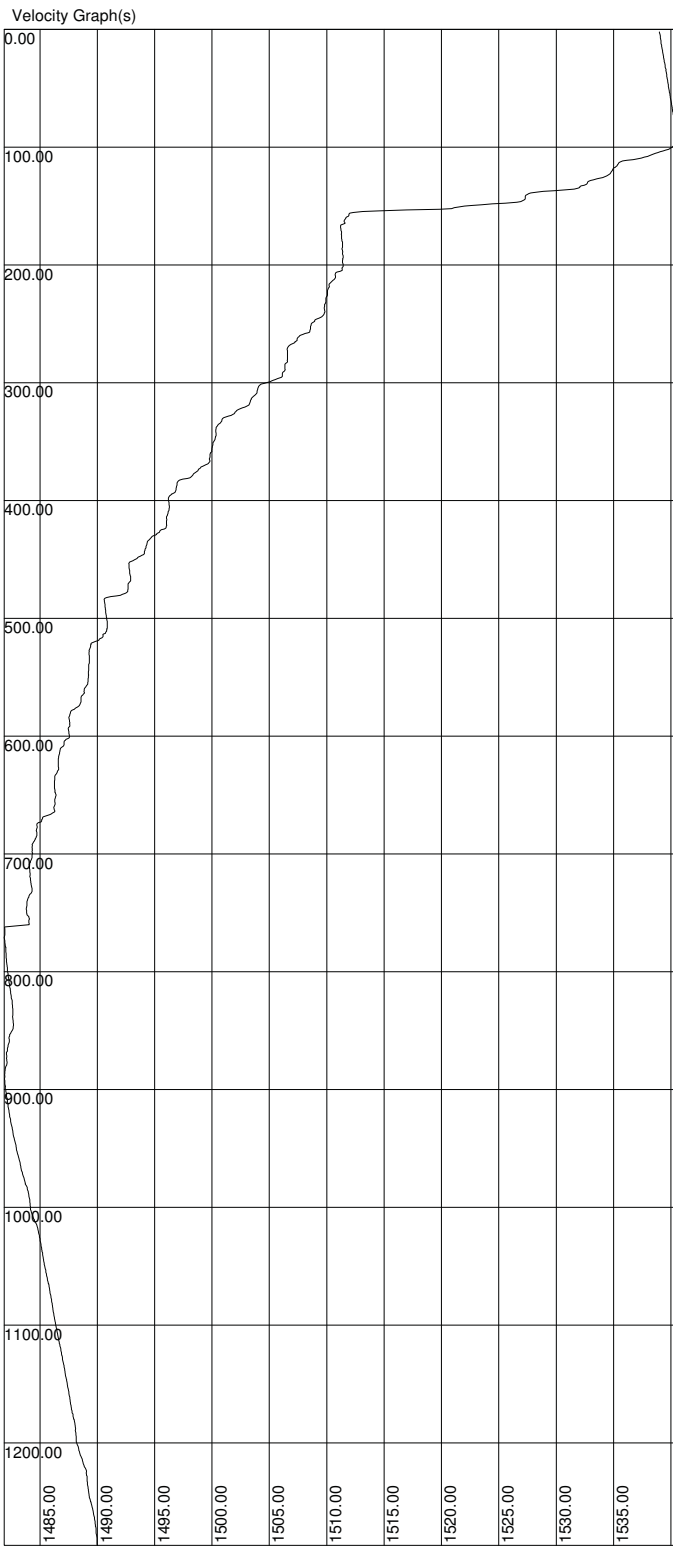


Surveyor	Date : 24/Oct/2016	Checked	Date :
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Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T7 Merge	S/N, Calibration Date : USPC 0020, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F3001132_down.vel	2.01	1287.01	1481.90	1540.55	1497.81	17.741	1539.05	4.36	27.06	10.25	7.038	27.05

Profile	Date	Time	Easting	Northing
F3001132_down.vel	26/10/2016	11:30	2510207.420	789774.680

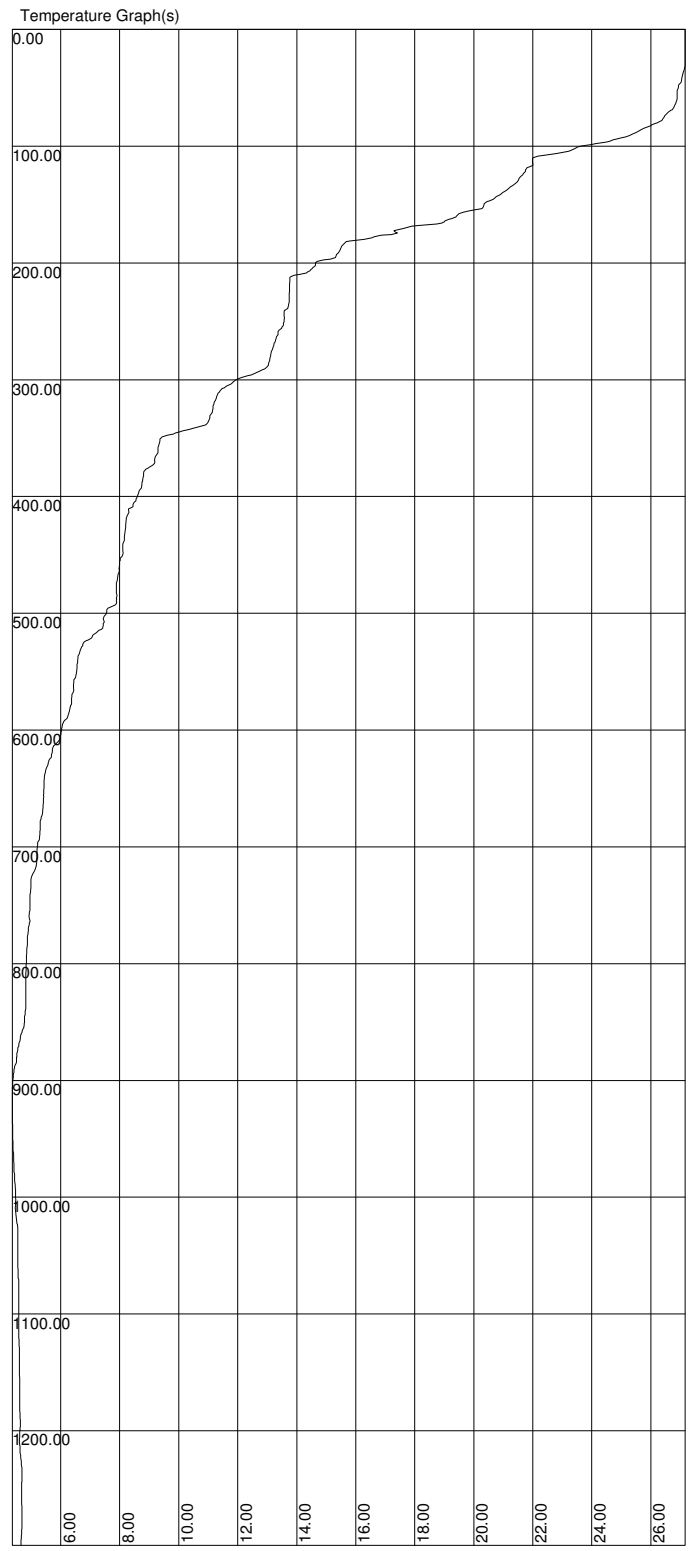
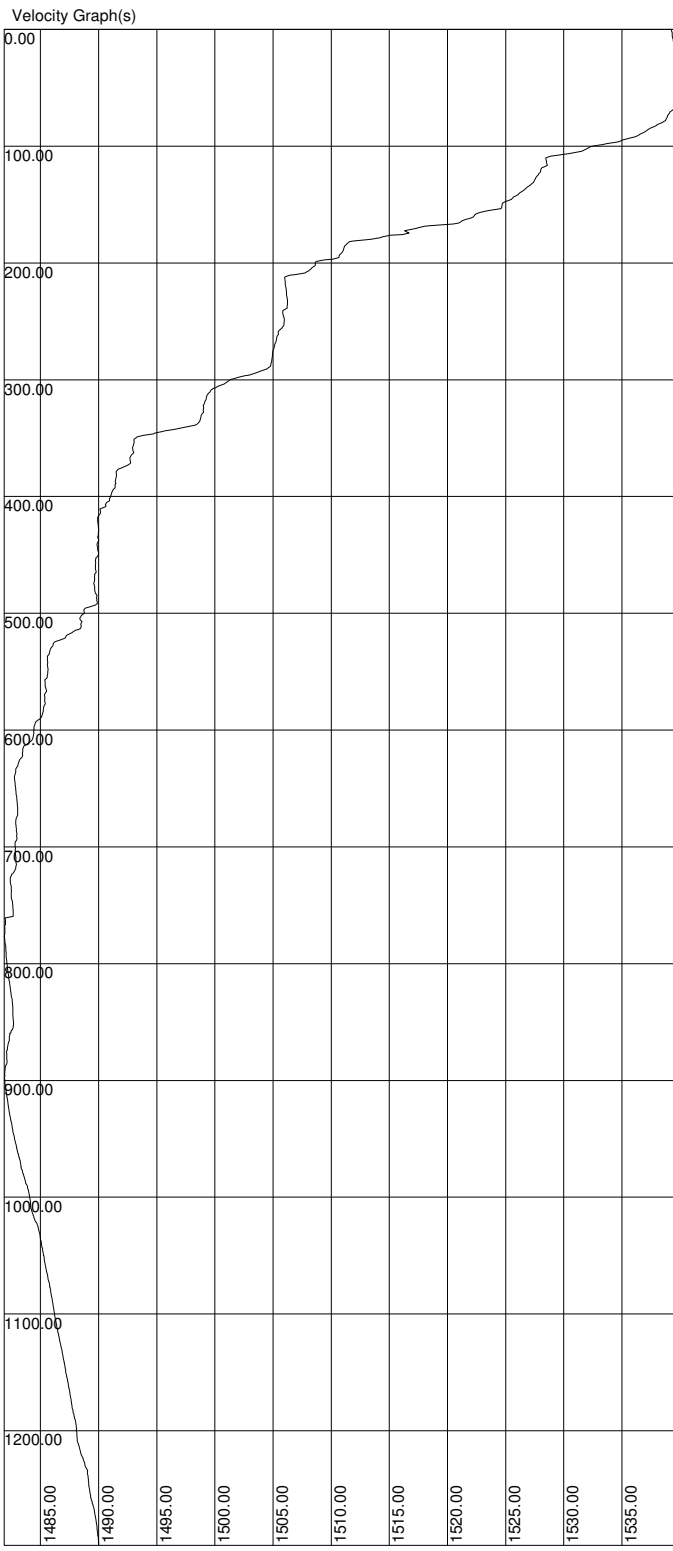


Surveyor	Date : 26/Oct/2016	Checked	Date :
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Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T7 Merge	S/N, Calibration Date : 1158554, 12/12/2013

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F3011105_down.vel	0.00	1298.17	1481.90	1539.75	1494.62	16.956	1539.33	4.36	27.17	9.05	6.701	27.17

Profile	Date	Time	Easting	Northing
F3011105_down.vel	27/10/2016	11:04	2678721.000	802038.970



Surveyor	Date : 27/Oct/2016	Checked	Date :
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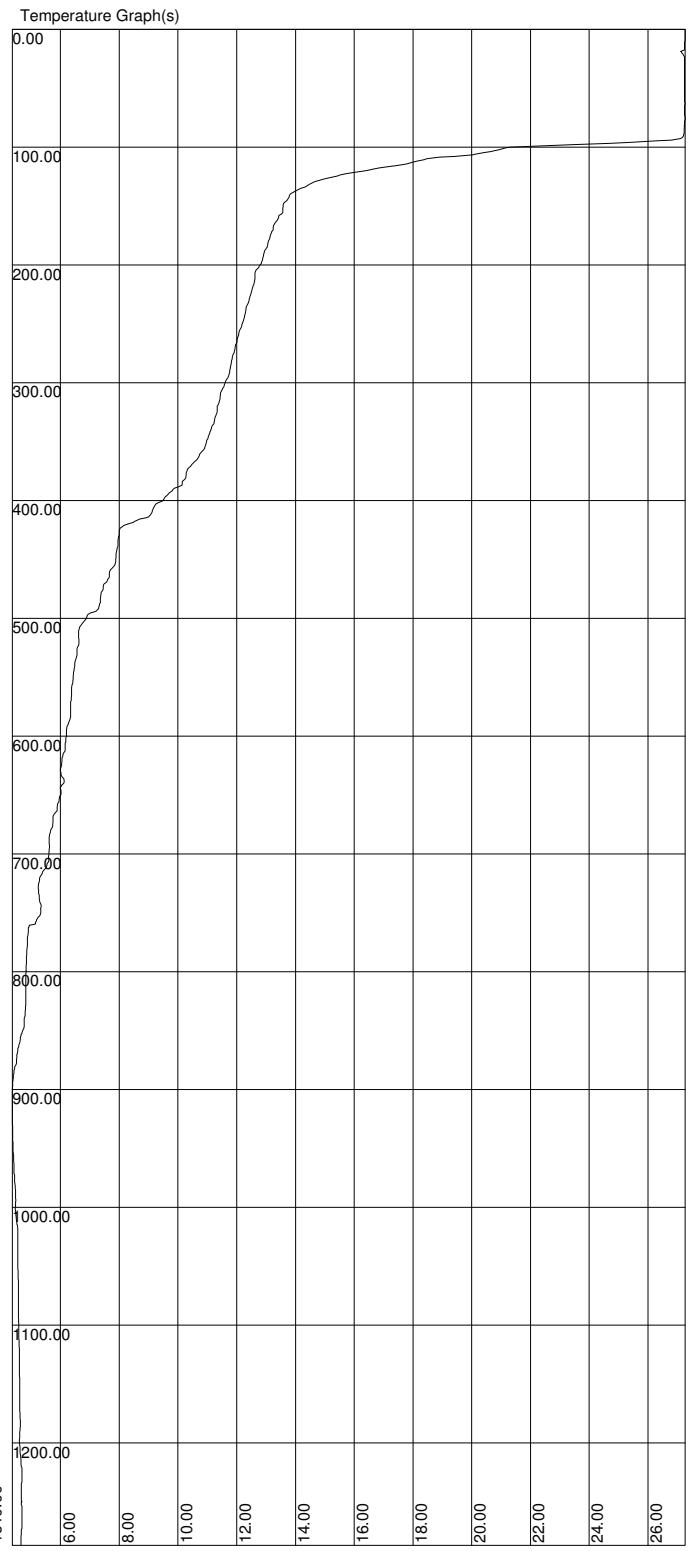
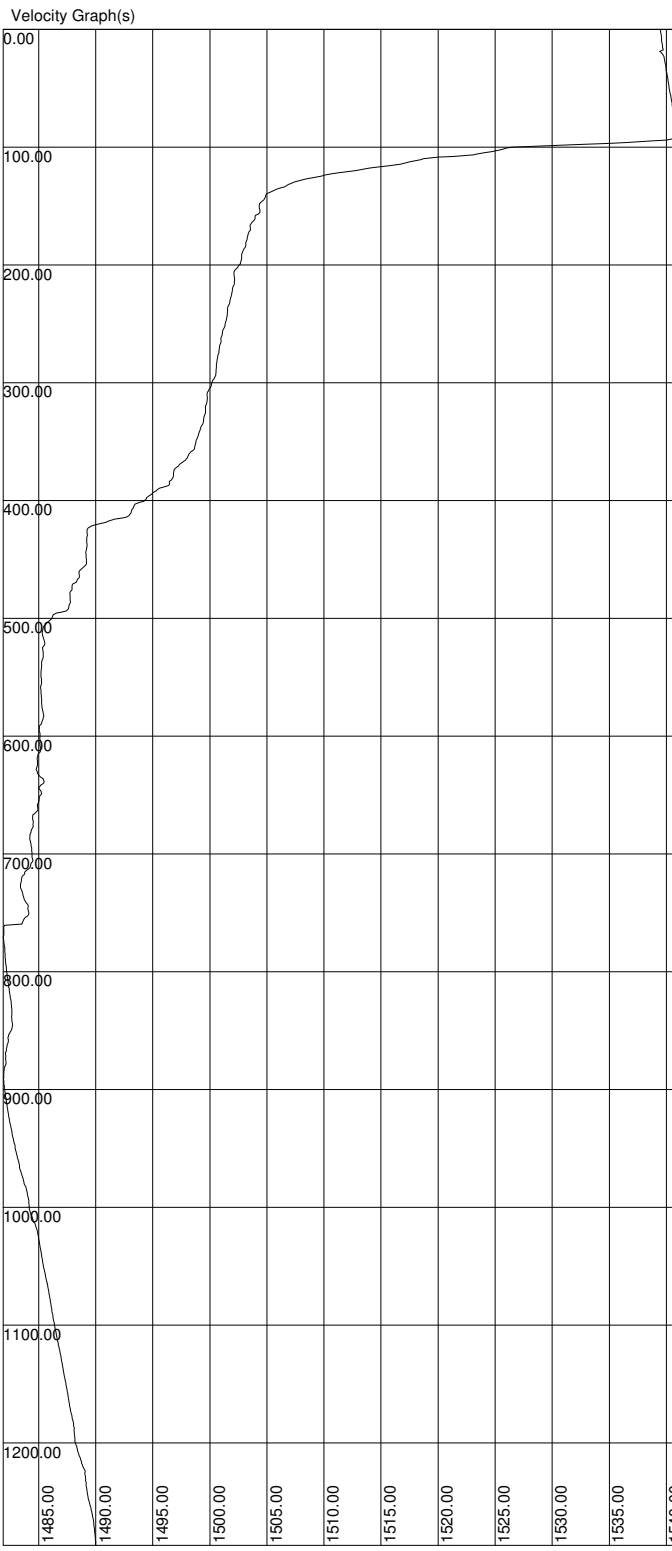
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T7 Merge	S/N, Calibration Date : 1158552, 12/12/2013

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
M3021111_down.vel	0.00	1287.01	1481.90	1540.87	1493.65	15.522	1539.55	4.36	27.27	8.73	6.262	27.27

Profile	Date	Time	Easting	Northing
M3021111_down.vel	28/10/2016	11:09	2909167.000	895238.000



Surveyor	Date : 28/Oct/2016	Checked	Date :
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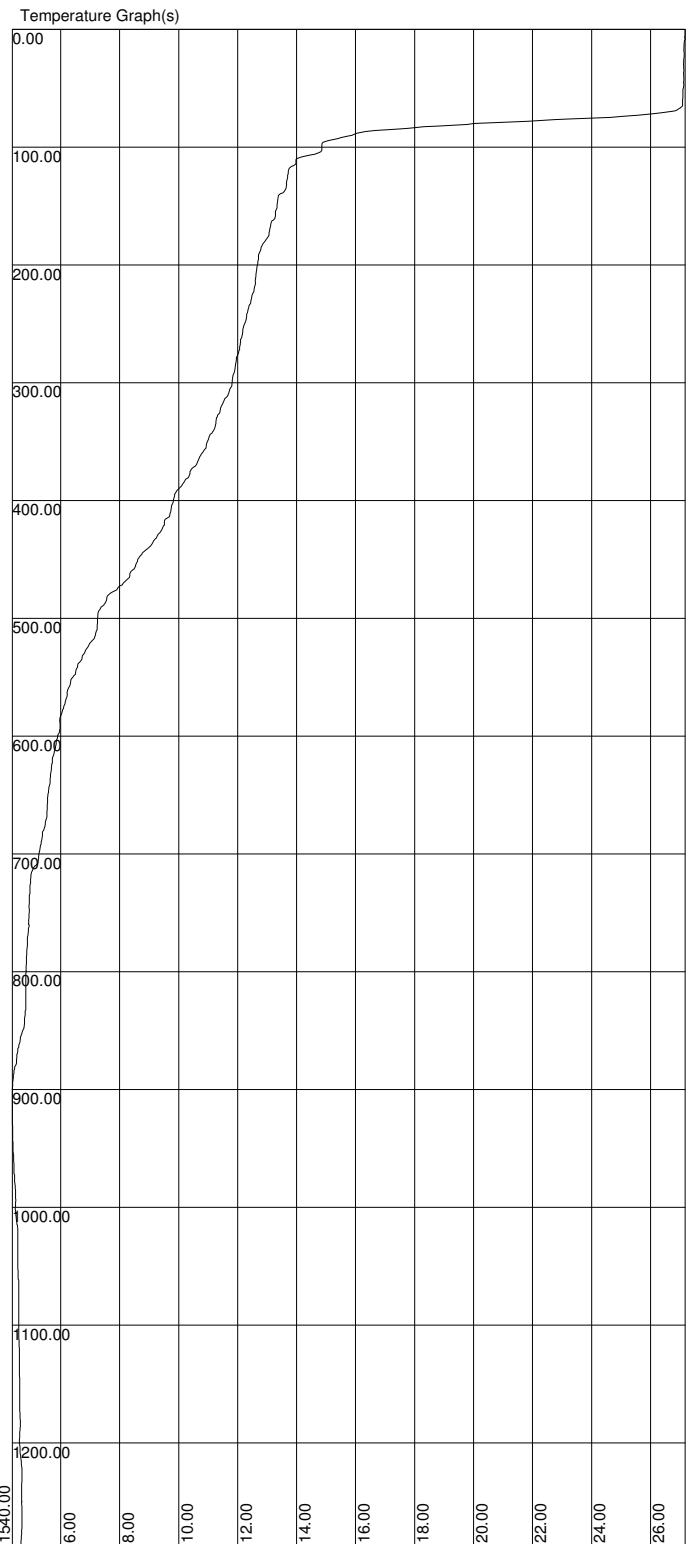
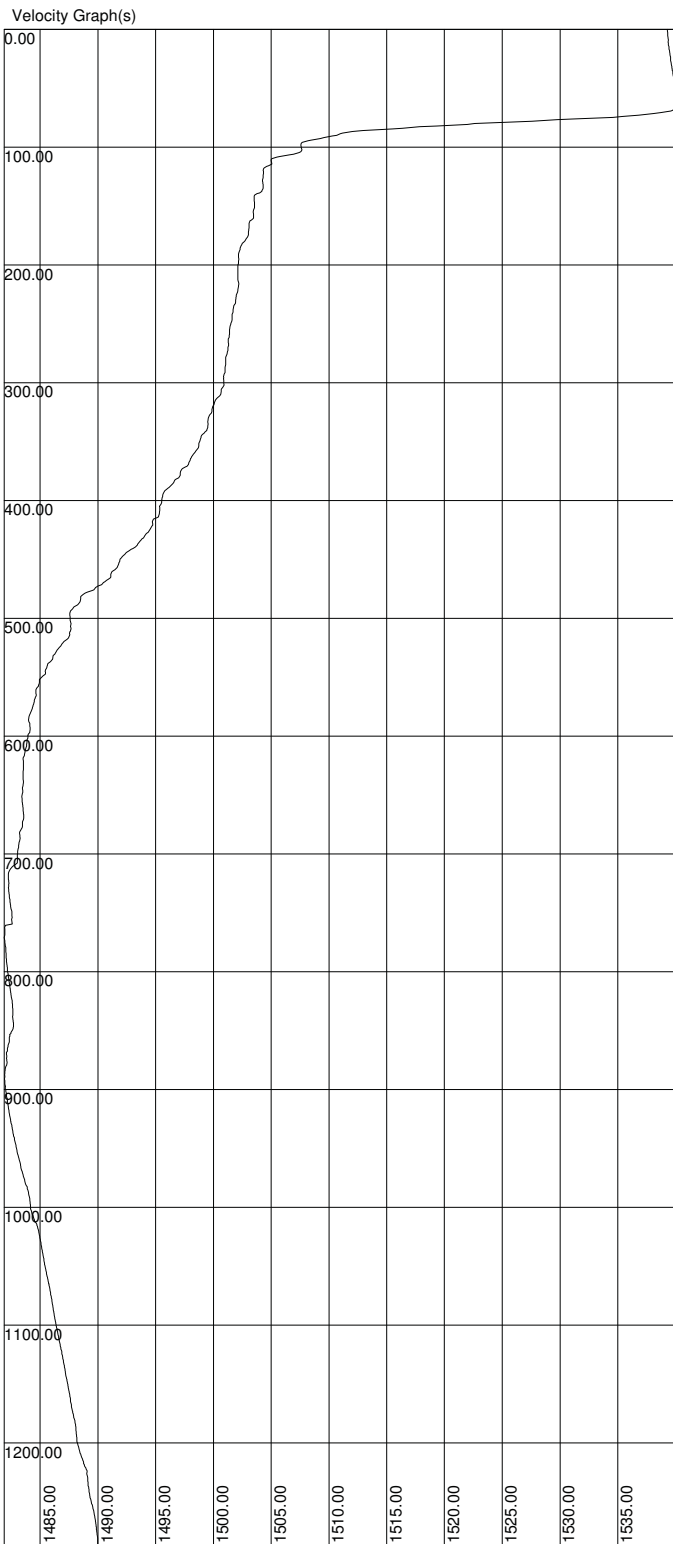
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T7 Merge	S/N, Calibration Date : 1158551, 12/12/2013

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
M3031144_down.vel	0.00	1287.01	1481.90	1540.15	1492.94	14.123	1539.32	4.36	27.18	8.47	5.743	27.17

Profile	Date	Time	Easting	Northing
M3031144_down.vel	29/10/2016	11:43	3204606.000	892784.000



Surveyor	Date : 29/Oct/2016	Checked	Date :
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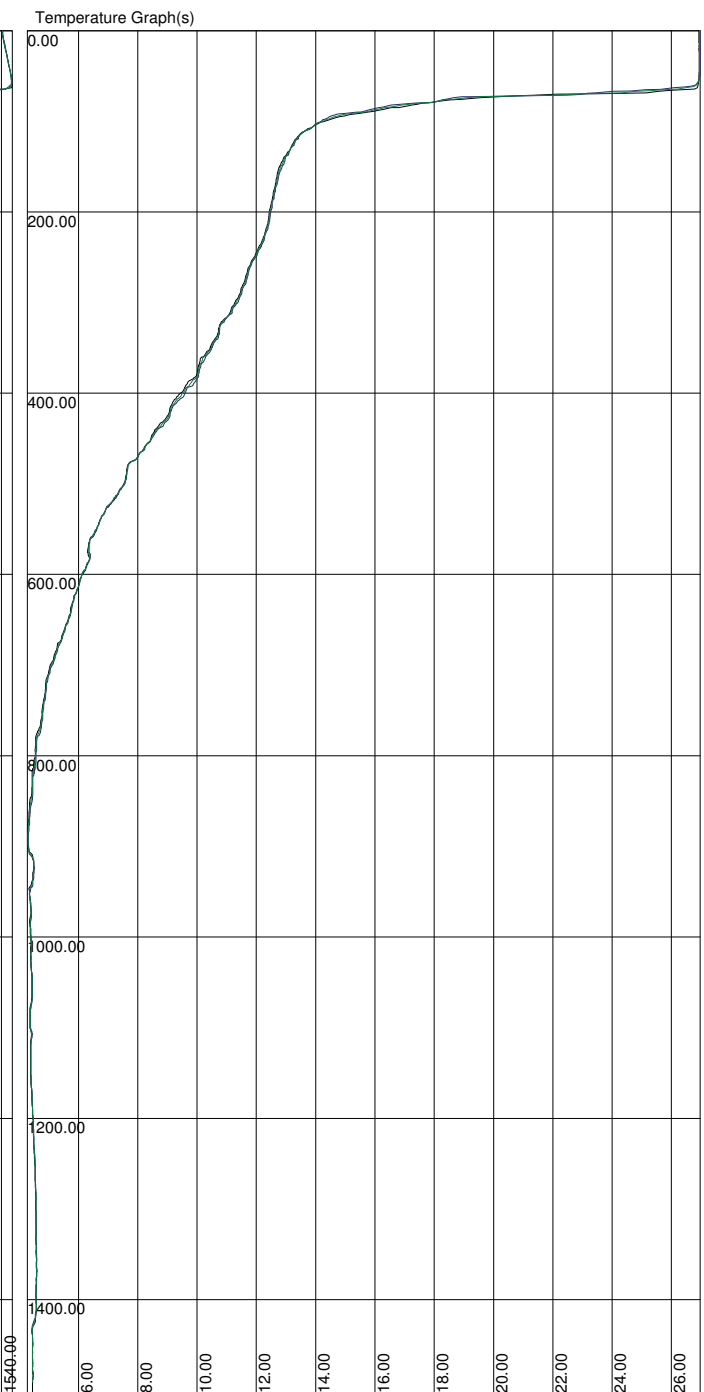
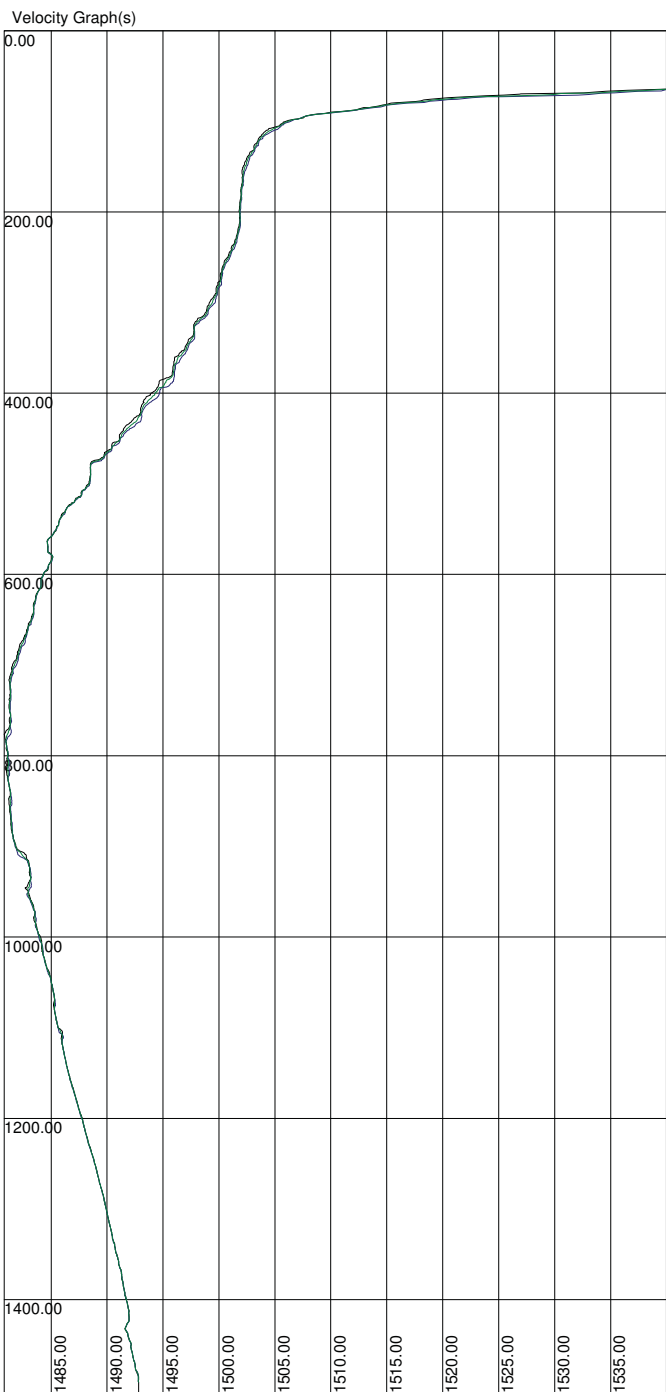
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650Mk1	S/N, Calibration Date : USPC 0020, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F3040907_down.vel	0.00	1505.84	1480.82	1540.96	1492.10	12.940	1540.13	4.28	26.93	7.71	5.322	26.92
F3040907_up.vel	0.00	1491.69	1480.96	1540.89	1492.22	13.098	1540.08	4.31	26.97	7.76	5.313	26.96
M3040906.vel	0.00	1491.69	1480.96	1540.92	1492.16	13.048	1540.11	4.30	26.95	7.75	5.325	26.94

Profile	Date	Time	Easting	Northing
F3040907_down.vel	30/10/2016	09:06	3435664.000	882470.000
F3040907_up.vel	30/10/2016	09:06	3435664.000	882470.000
M3040906.vel	30/10/2016	09:06	3435664.000	882470.000



Surveyor	Date : 30/Oct/2016	Checked	Date :
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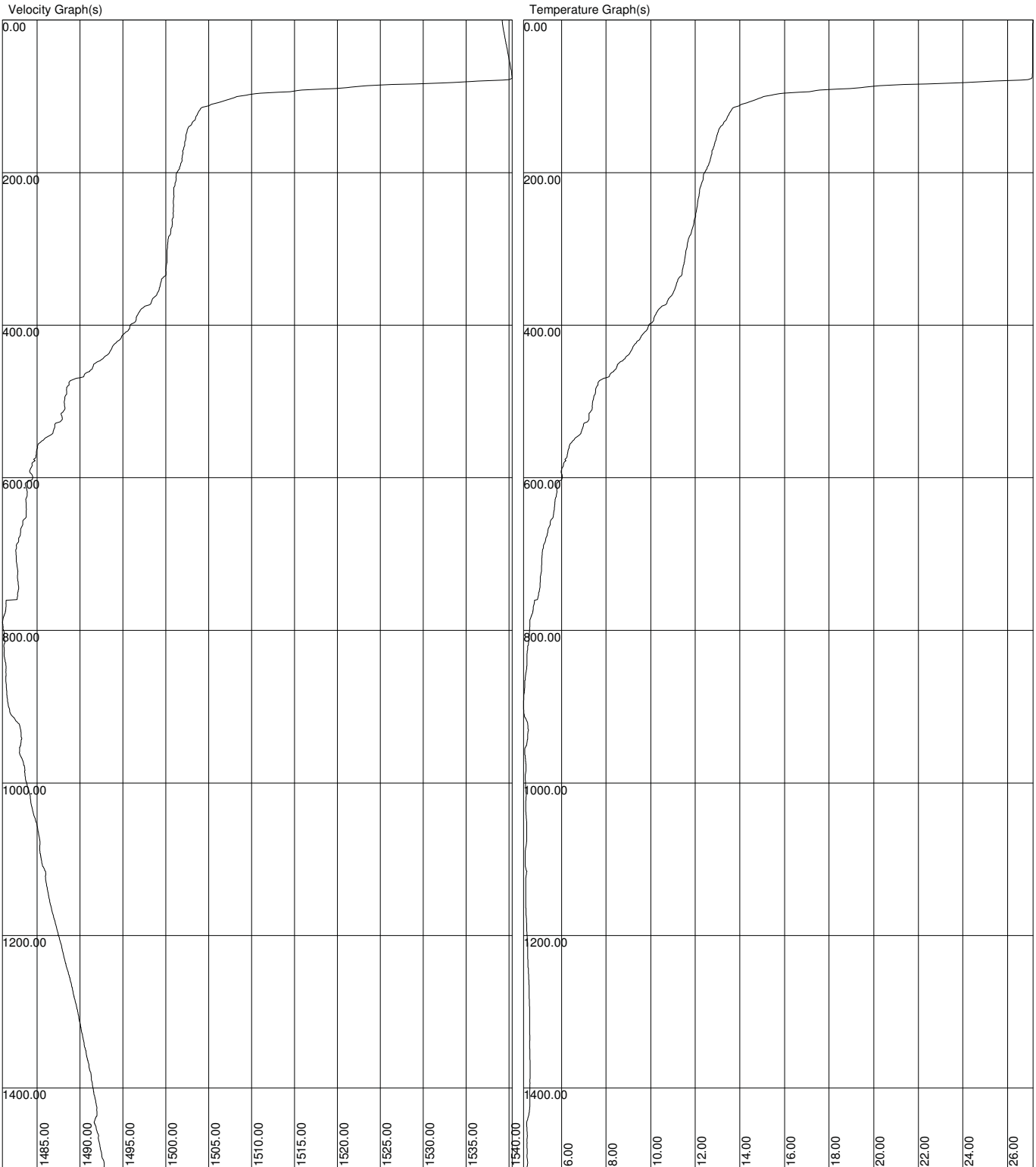
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T7	S/N, Calibration Date : 1158550, 12/12/2013

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
M3051122_down.vel	0.00	1504.78	1480.96	1540.36	1492.56	13.508	1539.23	4.30	27.15	7.89	5.631	27.13

Profile	Date	Time	Easting	Northing
M3051122_down.vel	31/10/2016	11:20	3085327.000	895633.000



Surveyor	Date : 31/Oct/2016	Checked	Date :
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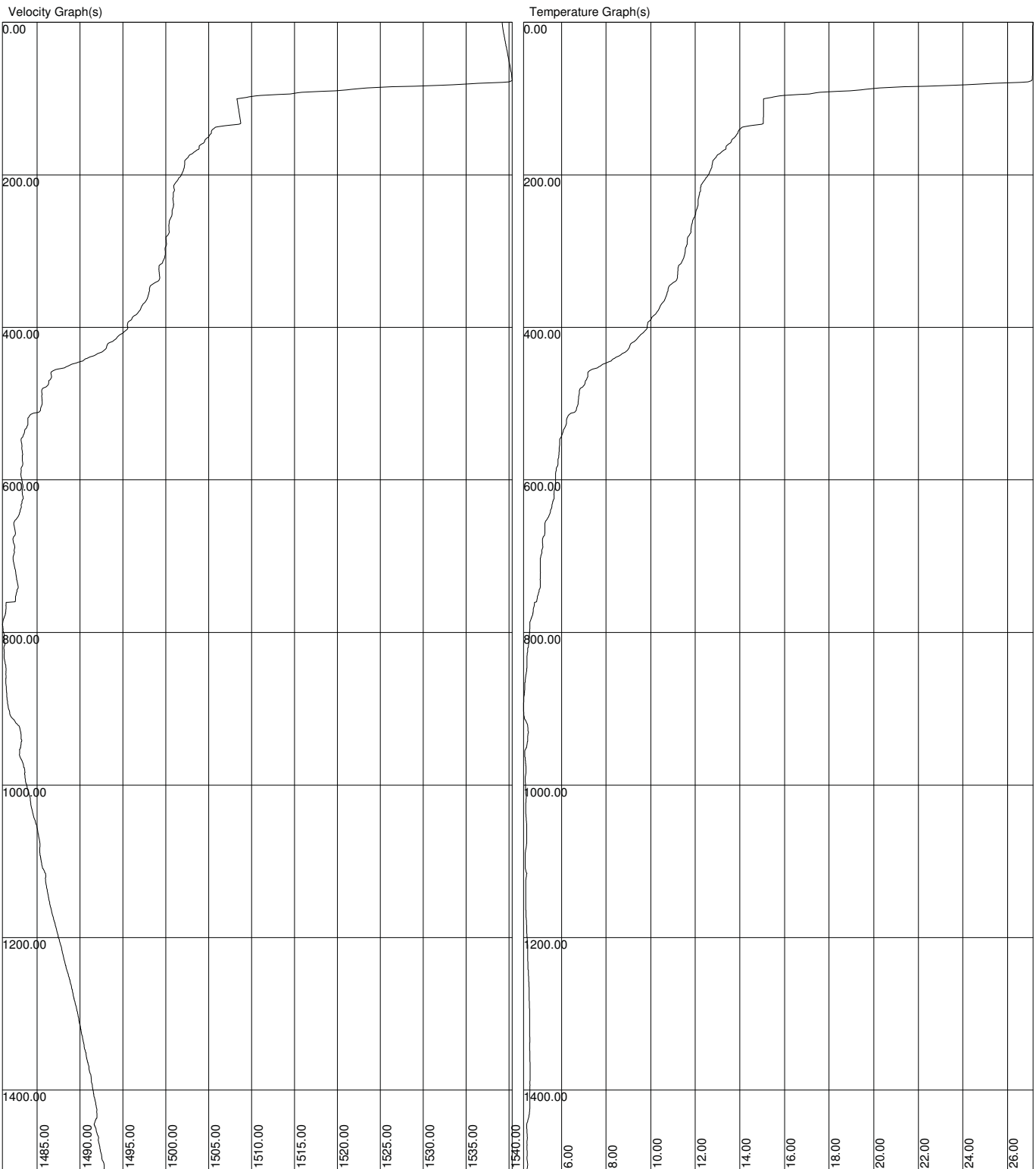
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T7	S/N, Calibration Date : 1158545, 12/12/2013

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
M3061115_down.vel	0.00	1504.78	1480.96	1540.36	1492.30	13.776	1539.23	4.30	27.15	7.84	5.688	27.13

Profile	Date	Time	Easting	Northing
M3061115_down.vel	01/11/2016	11:14	2797909.000	895081.000



Surveyor	Date : 01/Nov/2016	Checked	Date :
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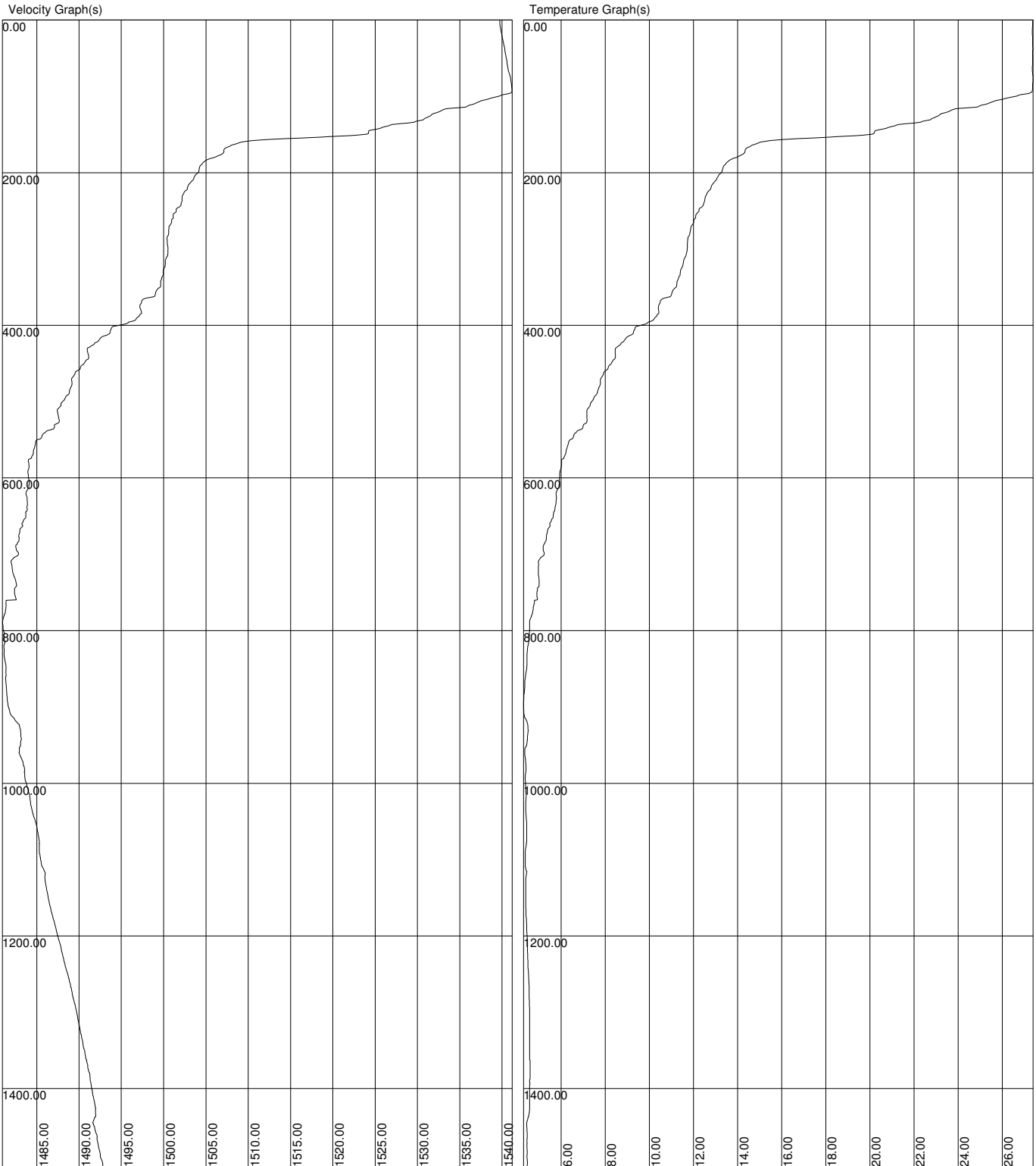
Gardline

VELOCITY PROFILE(S)

Project Details												
Client: NEC						Project Name : 10817						
Project Title : SACS Cable Route Survey						Vessel : Ocean Endeavour						
Instrument Details												
Instrument : XBT-T7						S/N, Calibration Date : 1158544, 12/12/2013						

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
M3071122_down.vel	0.00	1504.78	1480.96	1541.19	1493.93	16.055	1539.73	4.30	27.40	8.39	6.553	27.37

Profile	Date	Time	Easting	Northing
M3071122_down.vel	02/11/2016	11:21	2736725.000	869428.000



Surveyor	Date : 02/Nov/2016	Checked	Date :
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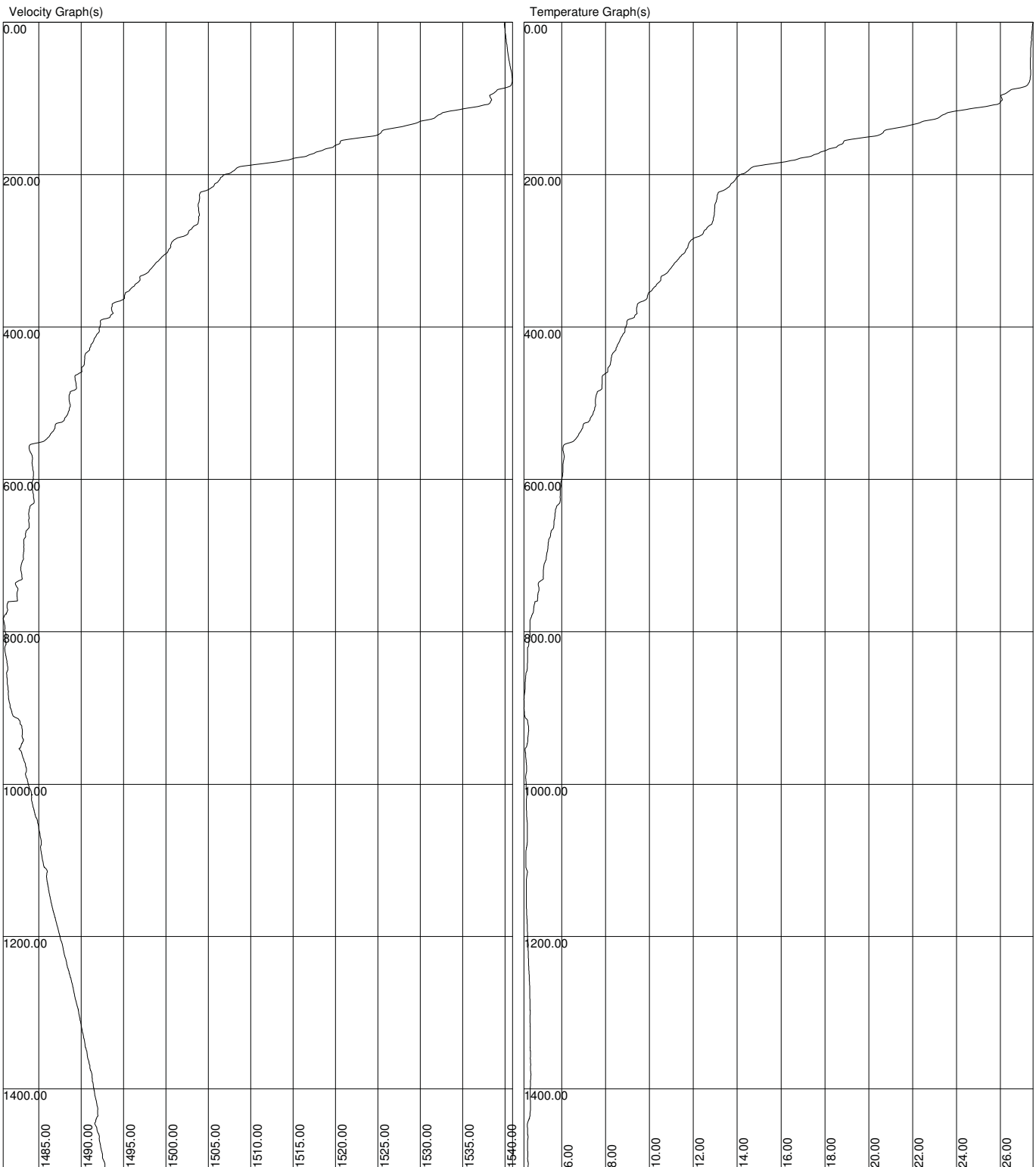
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T7	S/N, Calibration Date : 1158549, 12/12/2013

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F3081810_down.vel	0.00	1505.84	1480.82	1540.88	1494.11	16.284	1539.93	4.28	27.49	8.44	6.626	27.46

Profile	Date	Time	Easting	Northing
F3081810_down.vel	03/11/2016	17:21	2706471.330	844583.980



Surveyor	Date : 03/Nov/2016	Checked	Date :
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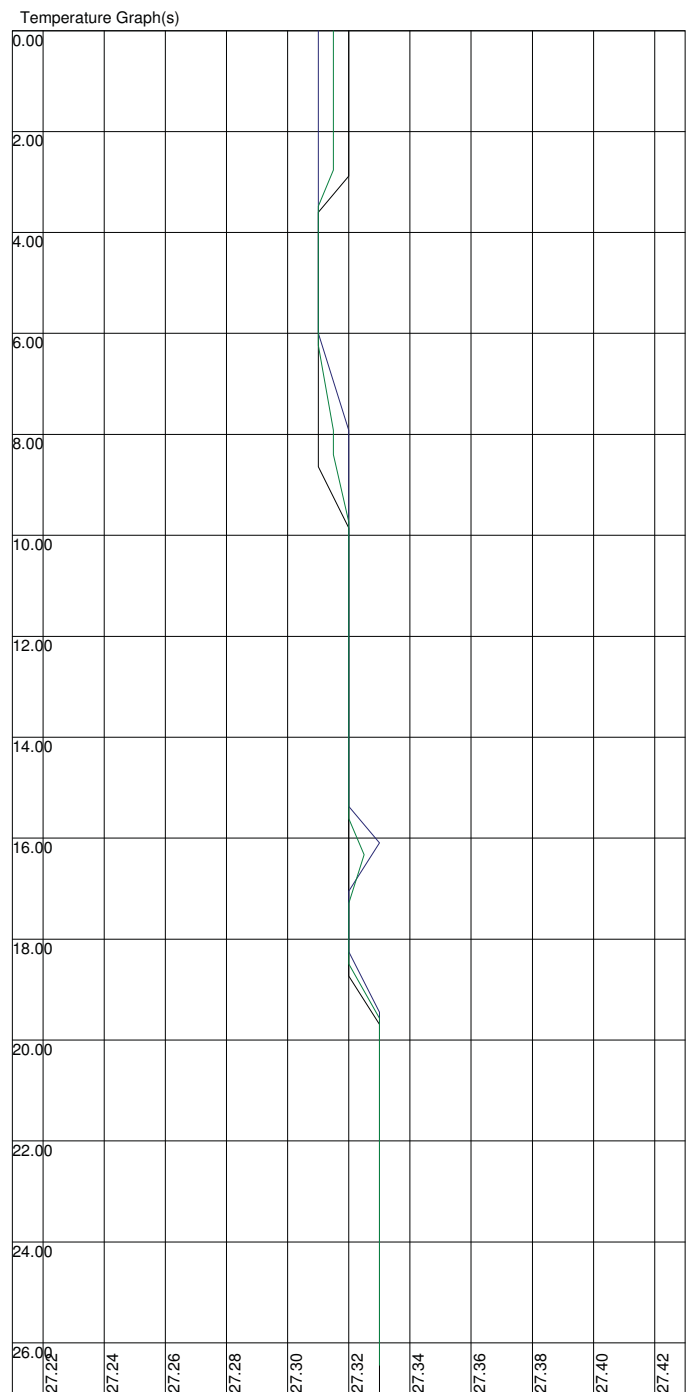
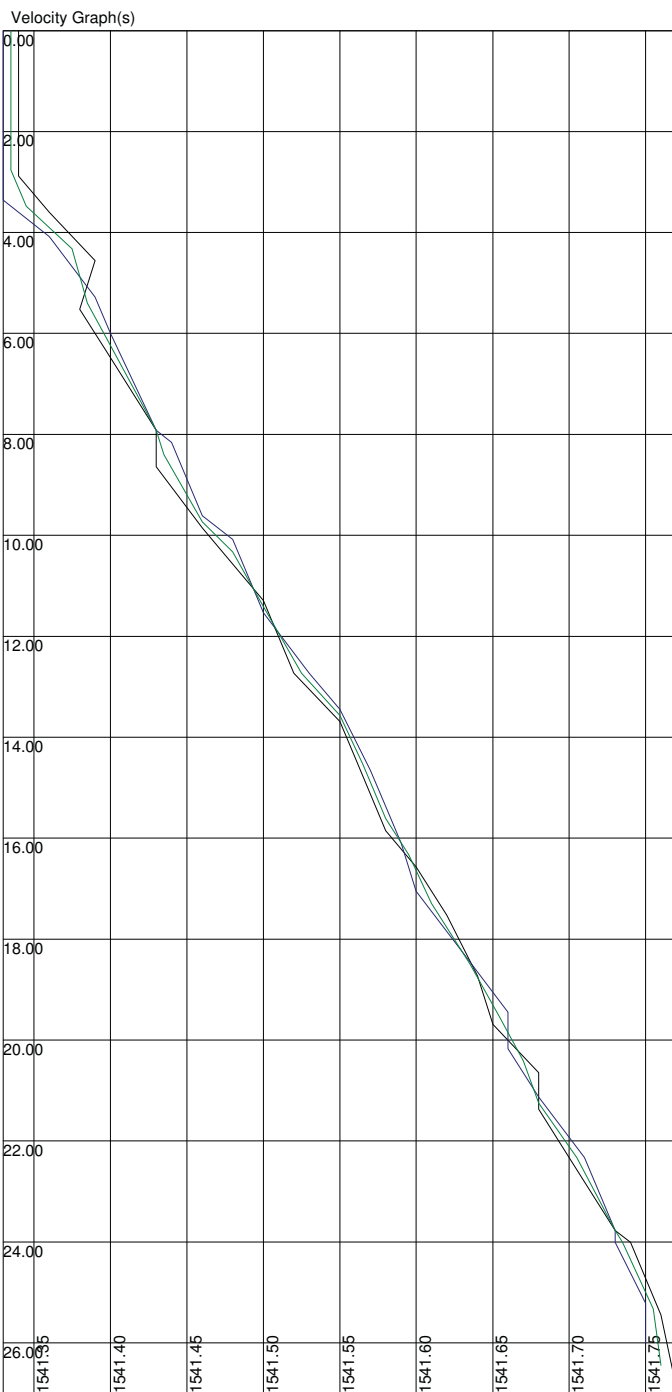
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650 MK1	S/N, Calibration Date : 18993, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F3152106_down.vel	0.00	27.04	1541.34	1541.77	1541.55	0.147	1541.39	27.21	27.43	27.32	0.007	27.31
F3152106_up.vel	0.00	26.17	1541.33	1541.77	1541.54	0.144	1541.38	27.21	27.43	27.32	0.008	27.31
M3152105.vel	0.00	26.45	1541.34	1541.76	1541.54	0.143	1541.38	27.21	27.43	27.32	0.007	27.31

Profile	Date	Time	Easting	Northing
F3152106_down.vel	10/11/2016	21:05	2427091.000	807864.000
F3152106_up.vel	10/11/2016	21:05	2427091.000	807864.000
M3152105.vel	10/11/2016	21:05	2427091.000	807864.000



Surveyor	Date : 10/Nov/2016	Checked	Date :
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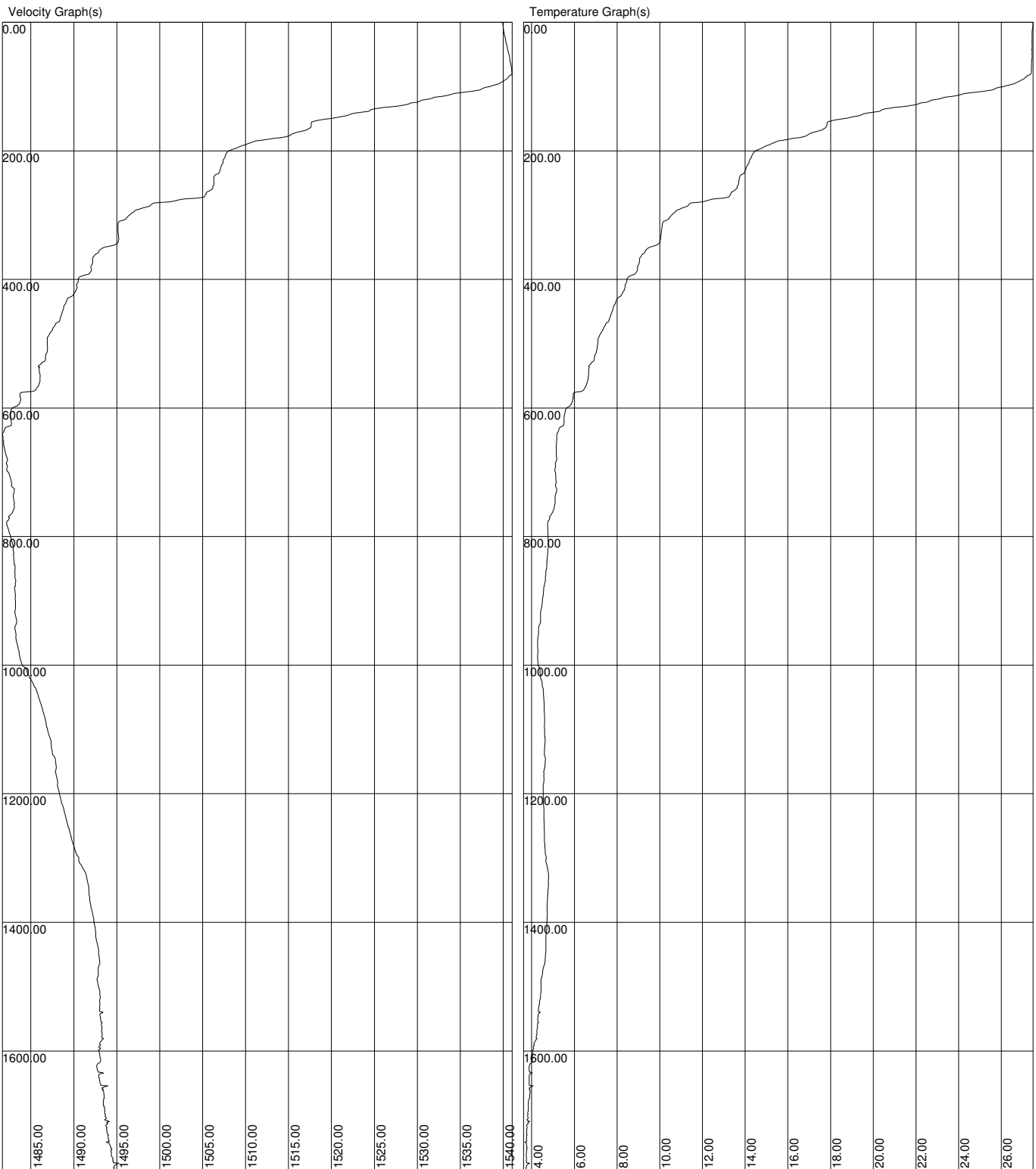
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT T5	S/N, Calibration Date : 380074, 07/07/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
	0.68	1785.40	1481.70	1541.03	1494.10	14.713	1539.97	3.68	27.49	7.70	6.225	27.48

Profile	Date	Time	Easting	Northing
	13/11/2016	02:58	2702118.000	822233.000



Surveyor	Date : 13/Nov/2016	Checked	Date :
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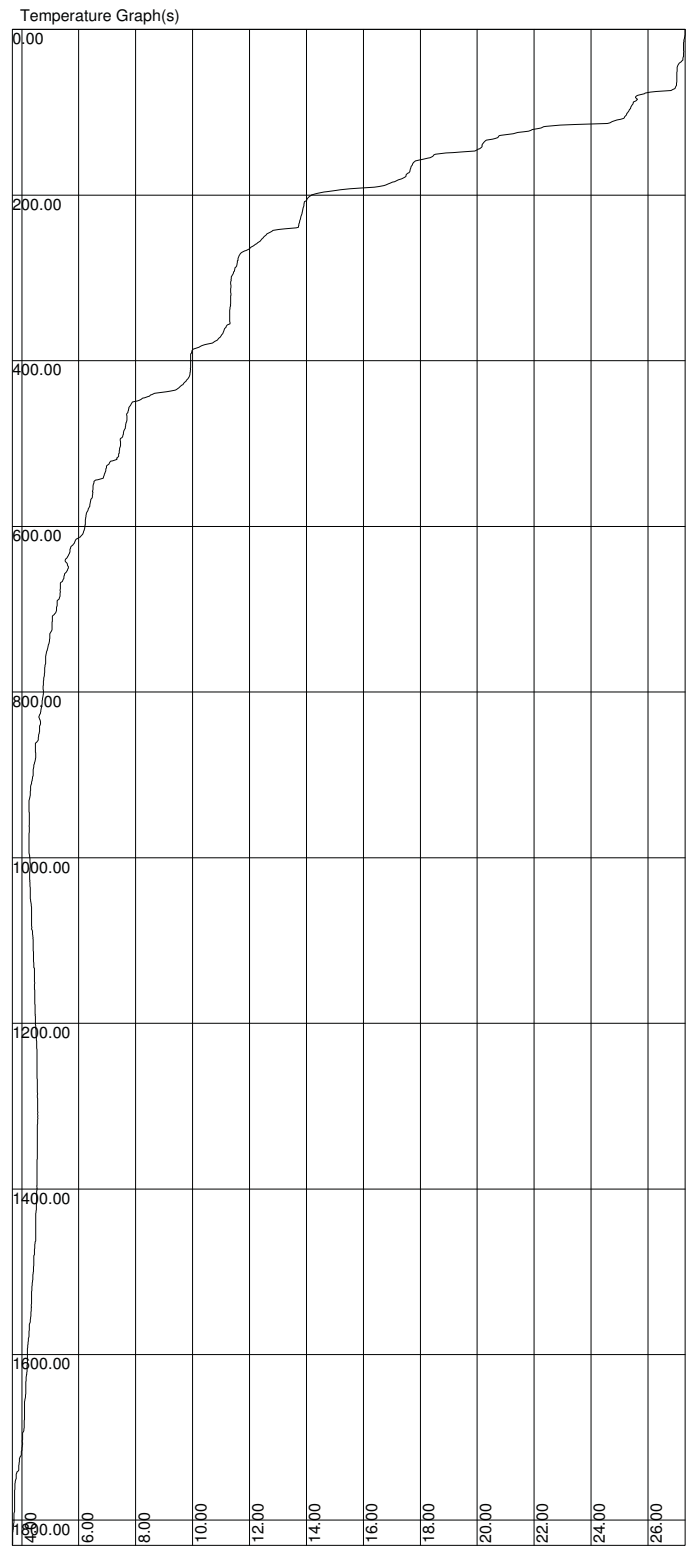
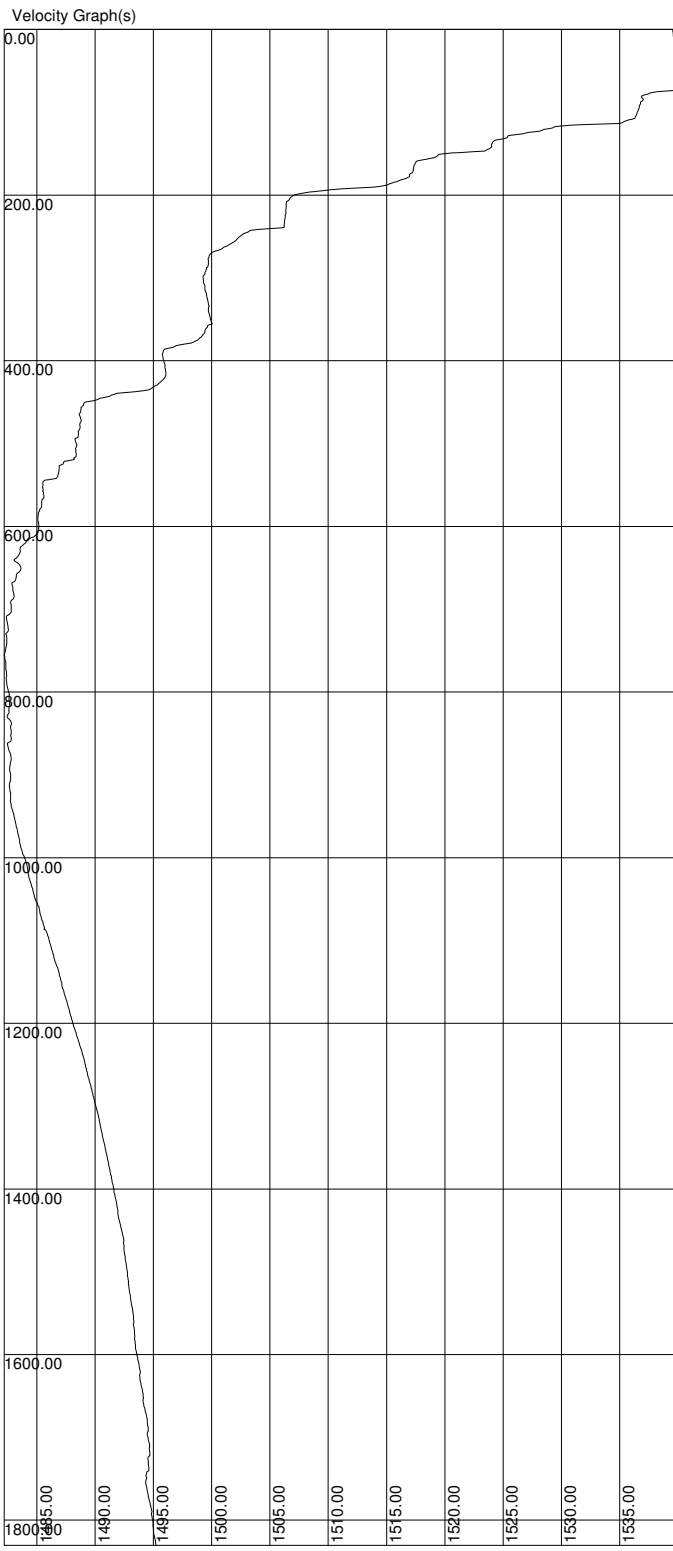
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT T5	S/N, Calibration Date : 380078, 07/07/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F3190237_down.vel	0.00	1830.52	1482.21	1539.94	1494.38	14.280	1539.60	3.67	27.31	7.67	6.107	27.31

Profile	Date	Time	Easting	Northing
F3190237_down.vel	14/11/2016	02:36	2590591.000	790261.000



Surveyor	Date : 14/Nov/2016	Checked	Date :
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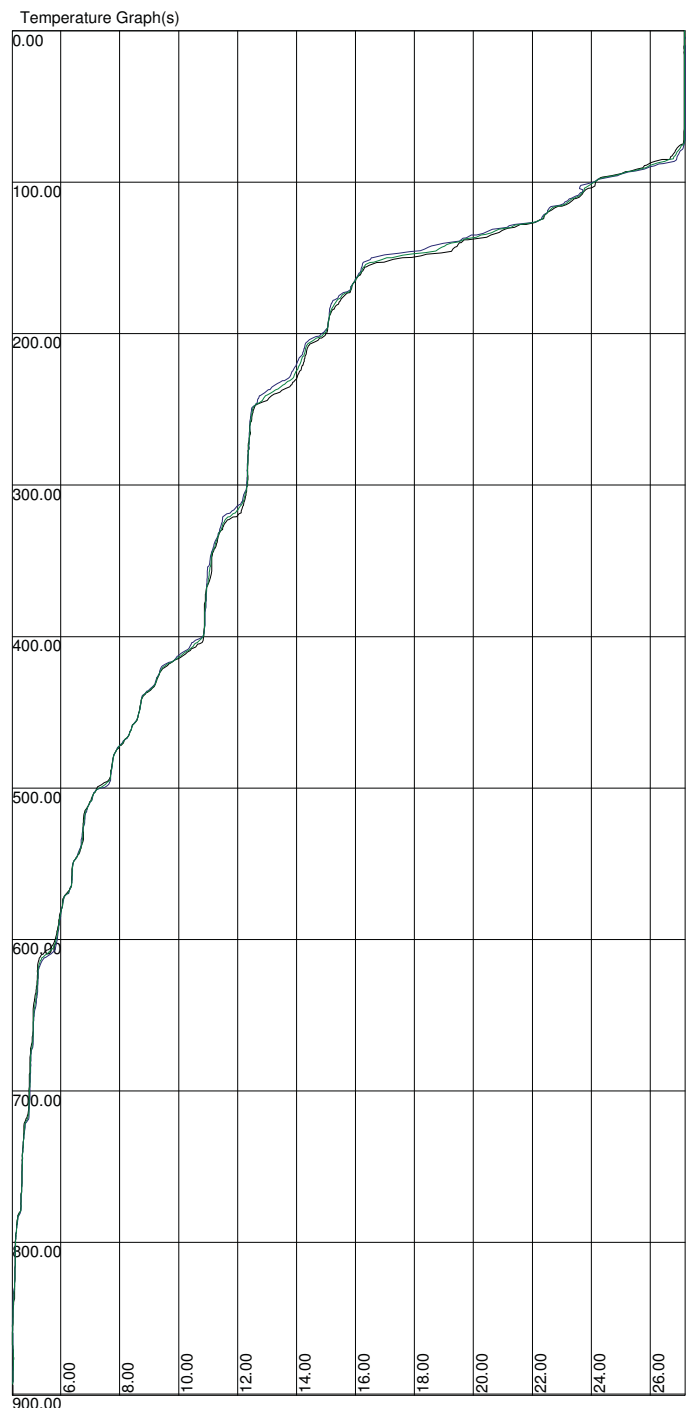
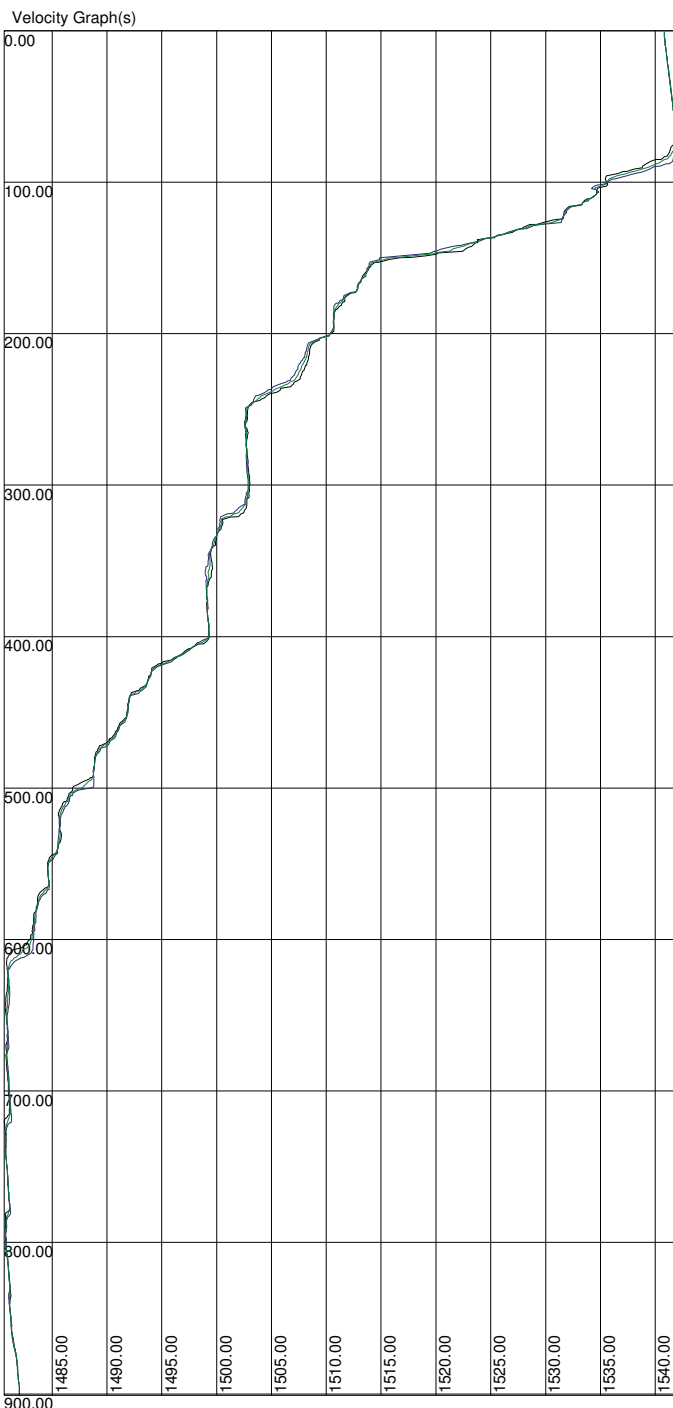
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VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650Mk1	S/N, Calibration Date : USPC 0020, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F3200955_down.vel	0.00	901.00	1480.63	1541.95	1498.49	19.932	1540.85	4.36	27.15	11.04	7.242	27.15
F3200955_up.vel	0.00	893.00	1480.75	1542.01	1498.67	19.931	1540.86	4.36	27.19	11.07	7.221	27.18
M3200953.vel	0.00	893.46	1480.74	1541.96	1498.66	19.944	1540.86	4.37	27.17	11.09	7.234	27.17

Profile	Date	Time	Easting	Northing
F3200955_down.vel	15/11/2016	09:53	2504510.270	786652.530
F3200955_up.vel	15/11/2016	09:53	2504510.270	786652.530
M3200953.vel	15/11/2016	09:53	2504510.270	786652.530



Surveyor	Date : 15/Nov/2016	Checked	Date :
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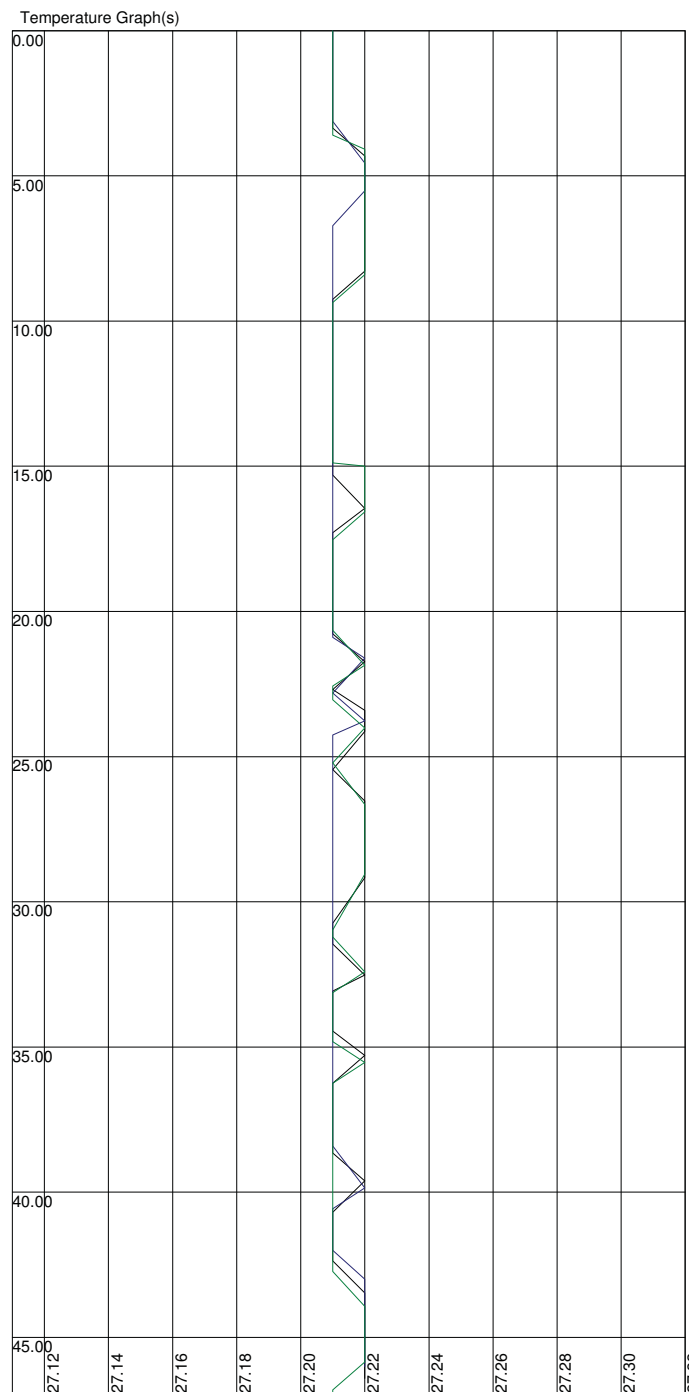
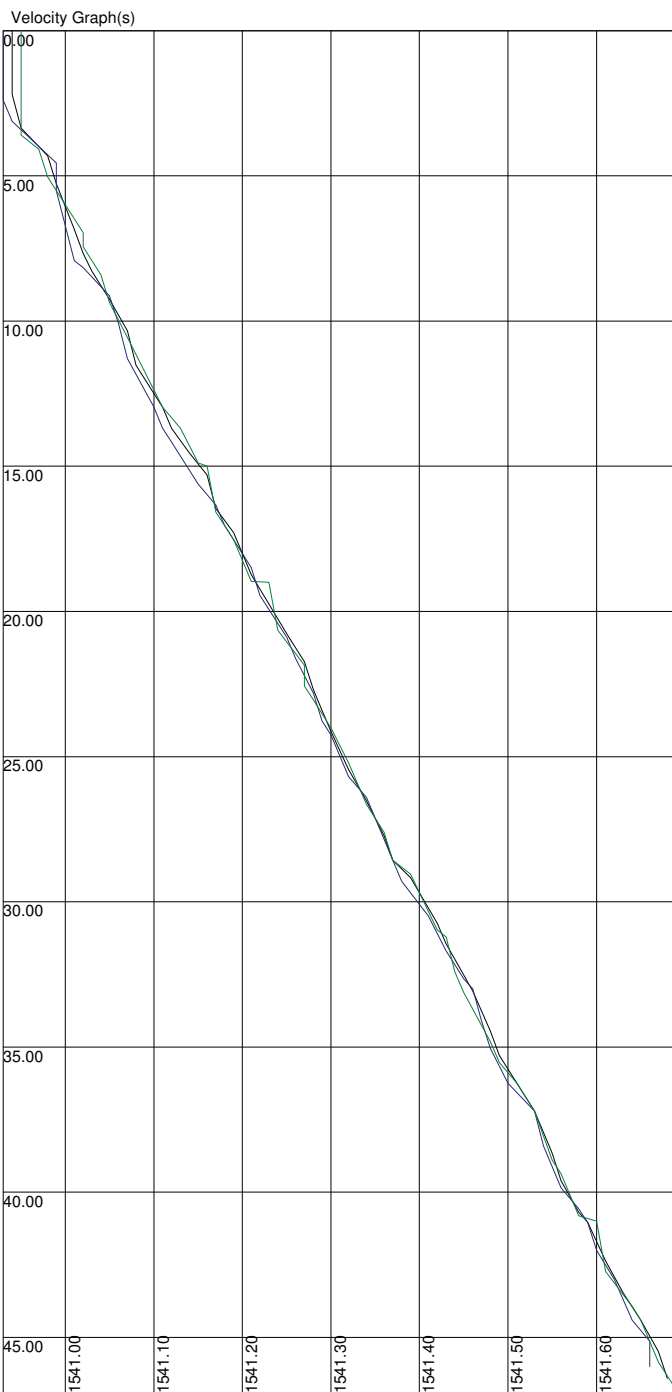
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650Mk1	S/N, Calibration Date : USPC 0020, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
M3211047.vel	0.00	46.41	1540.94	1541.68	1541.29	0.230	1540.99	27.11	27.32	27.21	0.005	27.22
F3211047_up.vel	0.00	46.00	1540.93	1541.66	1541.29	0.230	1540.99	27.21	27.22	27.21	0.004	27.22
F3211047_down.vel	0.00	47.00	1540.95	1541.69	1541.30	0.234	1540.99	27.21	27.22	27.21	0.005	27.22

Profile	Date	Time	Easting	Northing
M3211047.vel	16/11/2016	10:47	2468308.170	799545.350
F3211047_up.vel	16/11/2016	10:47	2468308.170	799545.350
F3211047_down.vel	16/11/2016	10:47	2468308.170	799545.350



Surveyor	Date : 16/Nov/2016	Checked	Date :
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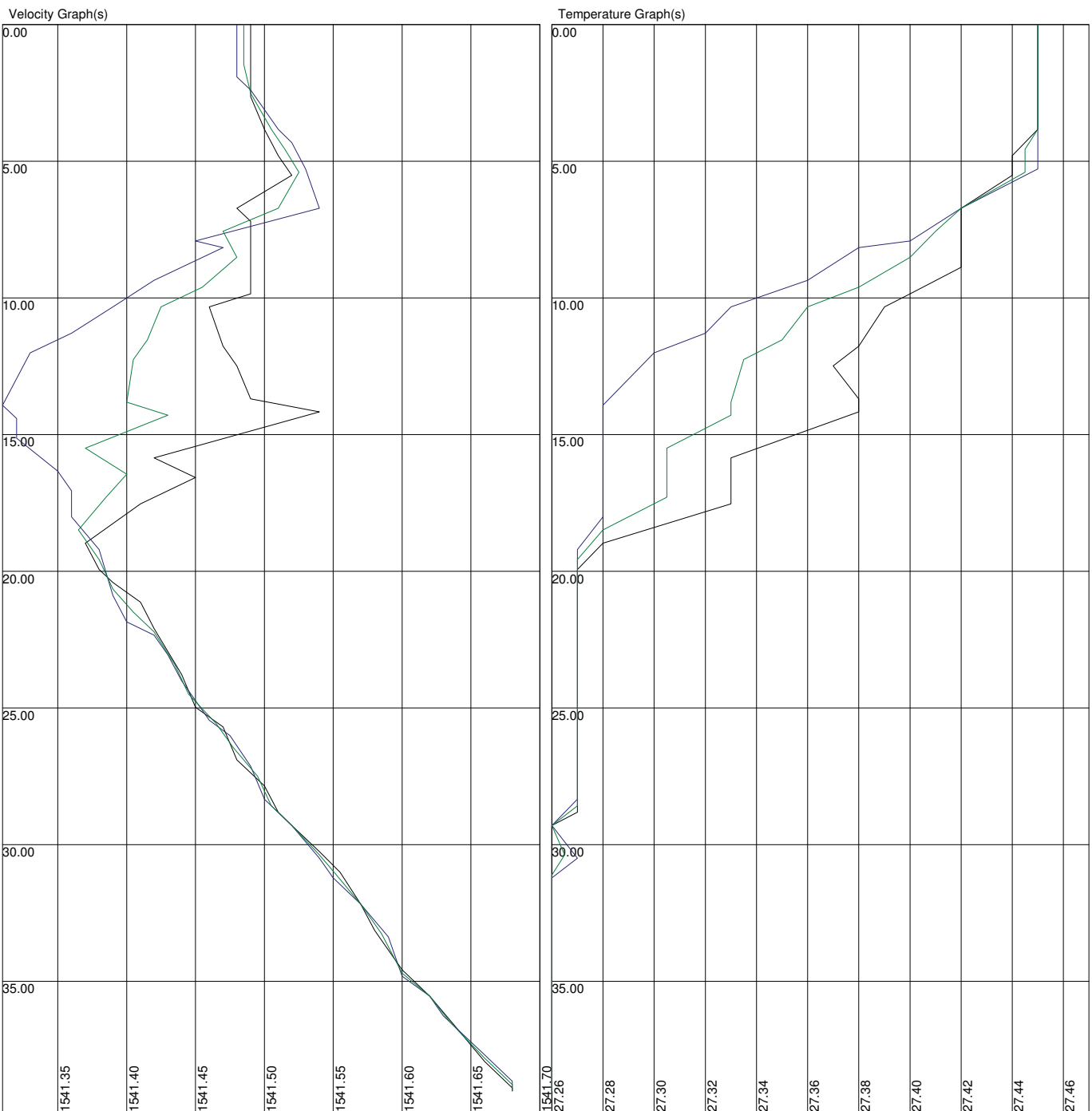
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650Mk1	S/N, Calibration Date : 18993, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F3221804_down.vel	0.00	39.84	1541.37	1541.70	1541.50	0.078	1541.51	27.26	27.45	27.33	0.074	27.44
F3221804_up.vel	0.00	39.37	1541.31	1541.69	1541.48	0.103	1541.53	27.26	27.45	27.31	0.070	27.44
M3221803.vel	0.00	39.37	1541.37	1541.68	1541.49	0.087	1541.51	27.26	27.45	27.32	0.071	27.44

Profile	Date	Time	Easting	Northing
F3221804_down.vel	17/11/2016	18:03	2476352.000	790750.000
F3221804_up.vel	17/11/2016	18:03	2476352.000	790750.000
M3221803.vel	17/11/2016	18:03	2476352.000	790750.000



Surveyor	Date : 17/Nov/2016	Checked	Date :
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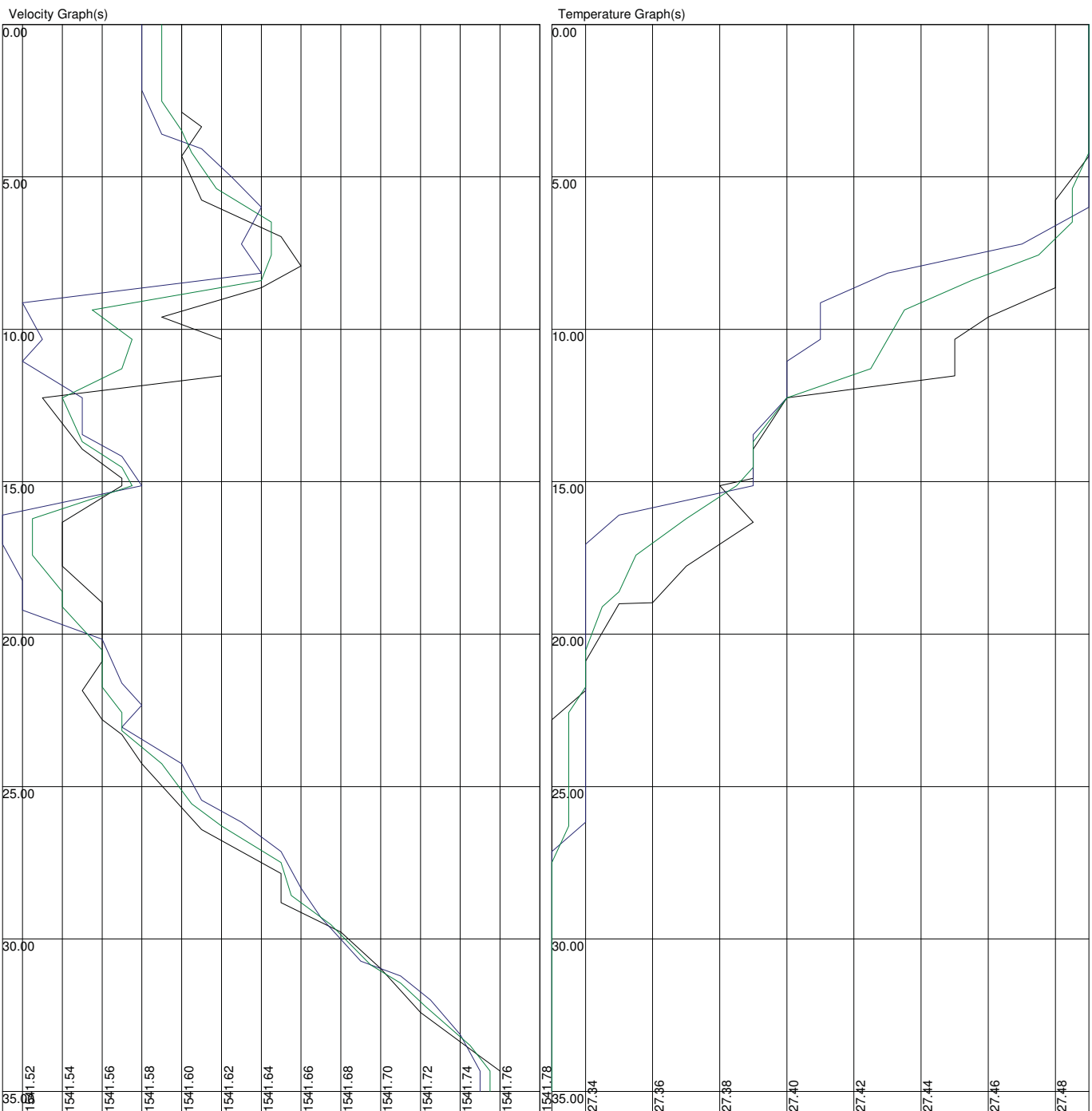
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650Mk1	S/N, Calibration Date : 18993, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F3231925_down.vel	0.00	35.73	1541.52	1541.78	1541.62	0.065	1541.61	27.33	27.49	27.39	0.066	27.49
F3231925_up.vel	0.00	35.29	1541.51	1541.77	1541.61	0.071	1541.63	27.33	27.49	27.38	0.063	27.49
M3231925.vel	0.00	35.29	1541.53	1541.76	1541.61	0.066	1541.62	27.33	27.49	27.39	0.064	27.49

Profile	Date	Time	Easting	Northing
F3231925_down.vel	18/11/2016	19:25	2480085.000	785270.000
F3231925_up.vel	18/11/2016	19:25	2480085.000	785270.000
M3231925.vel	18/11/2016	19:25	2480085.000	785270.000



Surveyor	Date : 18/Nov/2016	Checked	Date :
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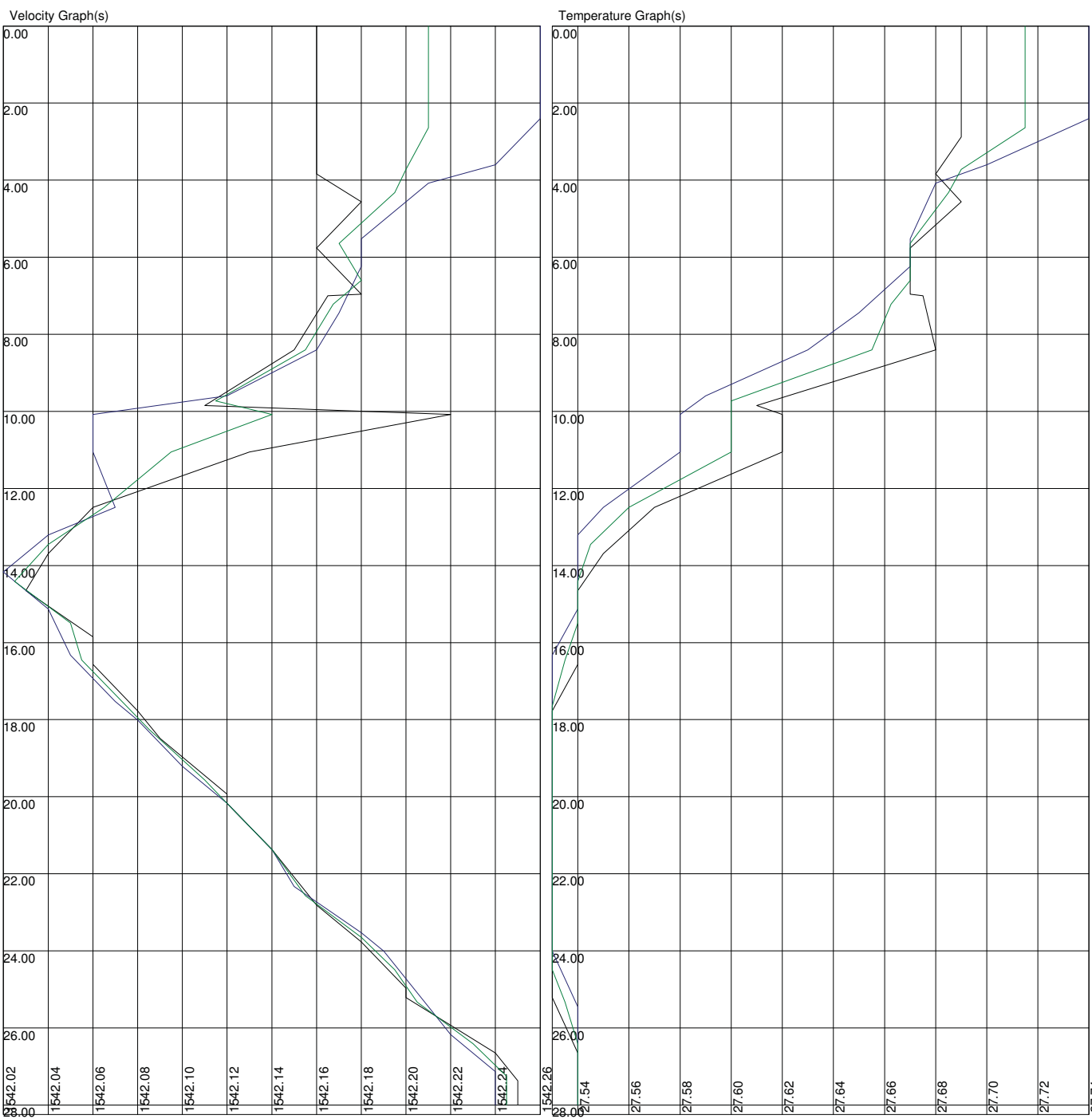
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650Mk1	S/N, Calibration Date : 18993, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F3241803_down.vel	0.00	28.25	1542.03	1542.25	1542.15	0.061	1542.18	27.53	27.69	27.59	0.068	27.69
F3241803_up.vel	0.00	28.09	1542.02	1542.26	1542.15	0.077	1542.20	27.53	27.74	27.59	0.075	27.68
M3241802.vel	0.00	28.09	1542.03	1542.25	1542.15	0.065	1542.19	27.53	27.72	27.59	0.070	27.68

Profile	Date	Time	Easting	Northing
F3241803_down.vel	19/11/2016	18:02	2426969.000	807812.000
F3241803_up.vel	19/11/2016	18:02	2426969.000	807812.000
M3241802.vel	19/11/2016	18:02	2426969.000	807812.000



Surveyor	Date : 19/Nov/2016	Checked	Date :
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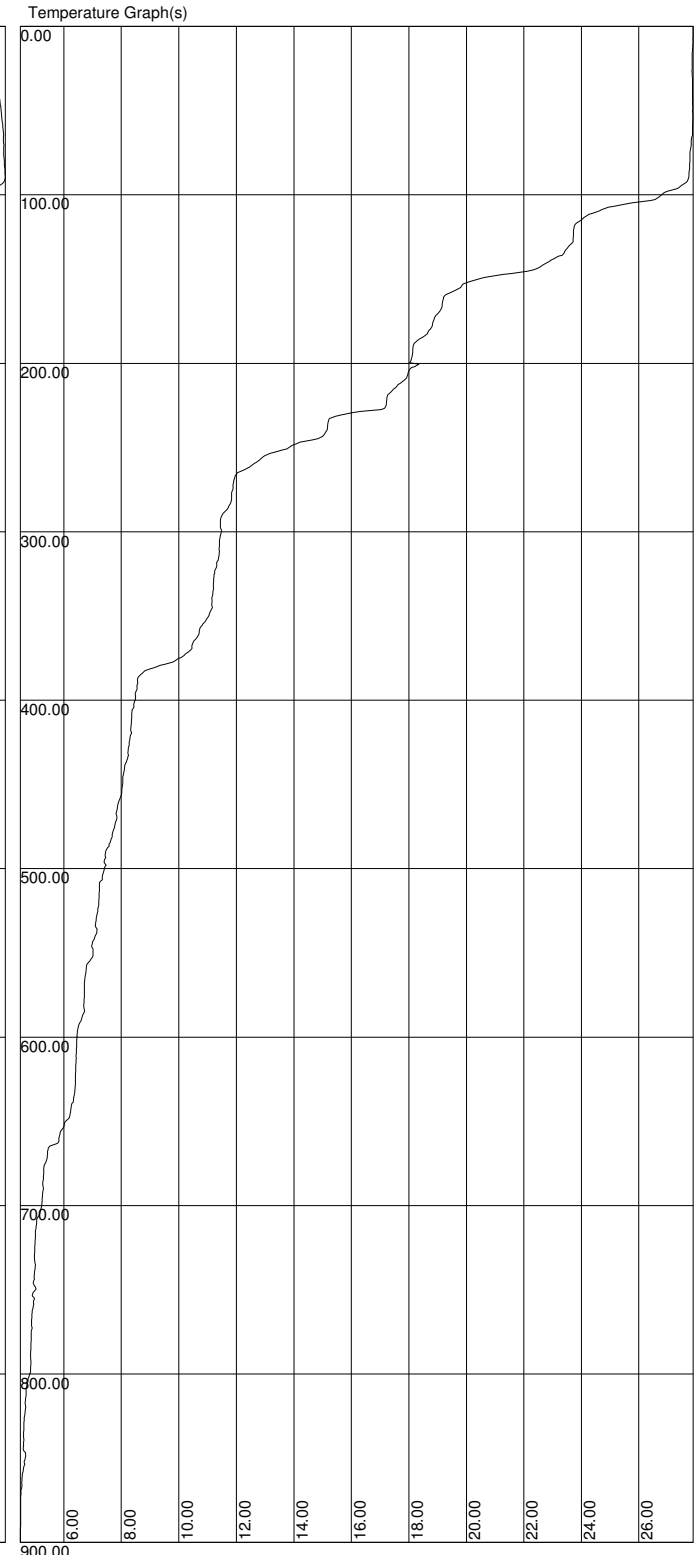
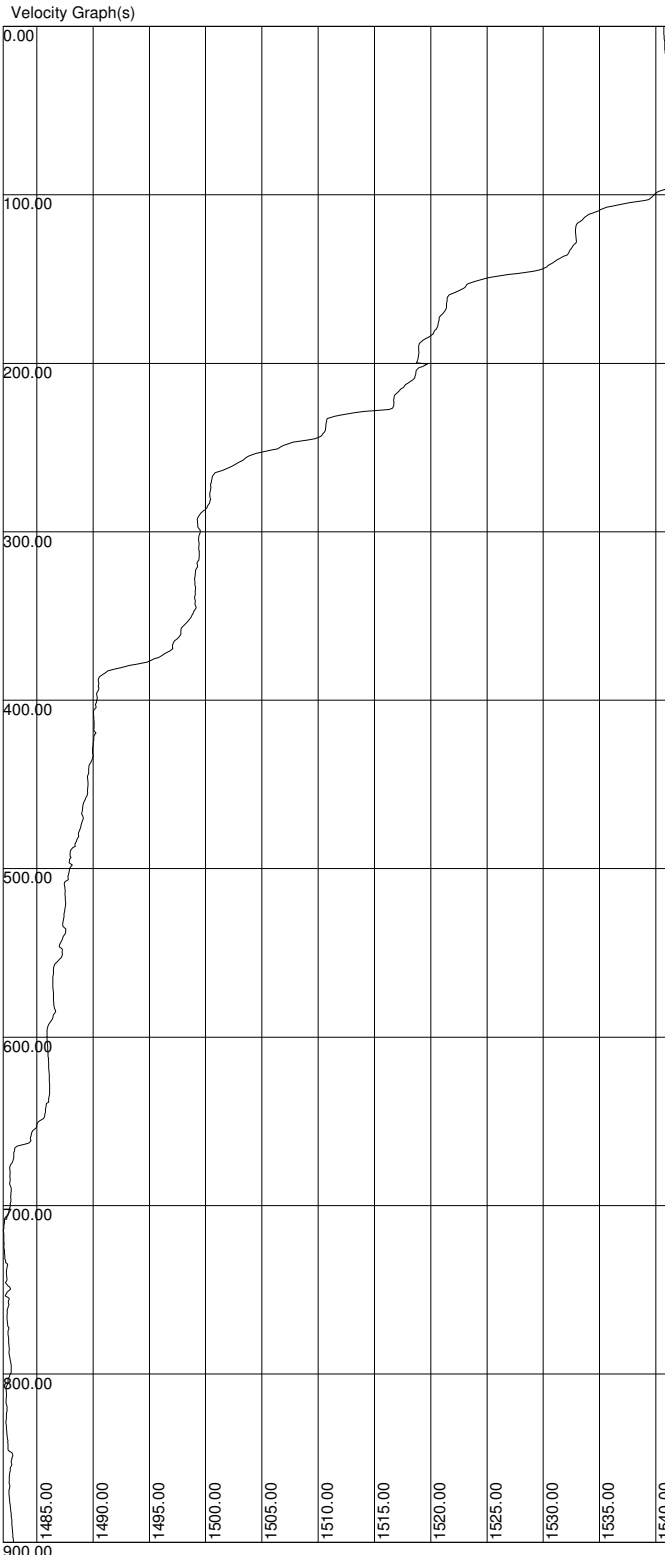
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT_T5	S/N, Calibration Date : 380084, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F3260704_down.vel	0.00	900.00	1482.02	1541.81	1499.80	20.386	1540.71	4.49	27.89	11.57	7.742	27.88

Profile	Date	Time	Easting	Northing
F3260704_down.vel	21/11/2016	07:04	2501337.980	784259.100

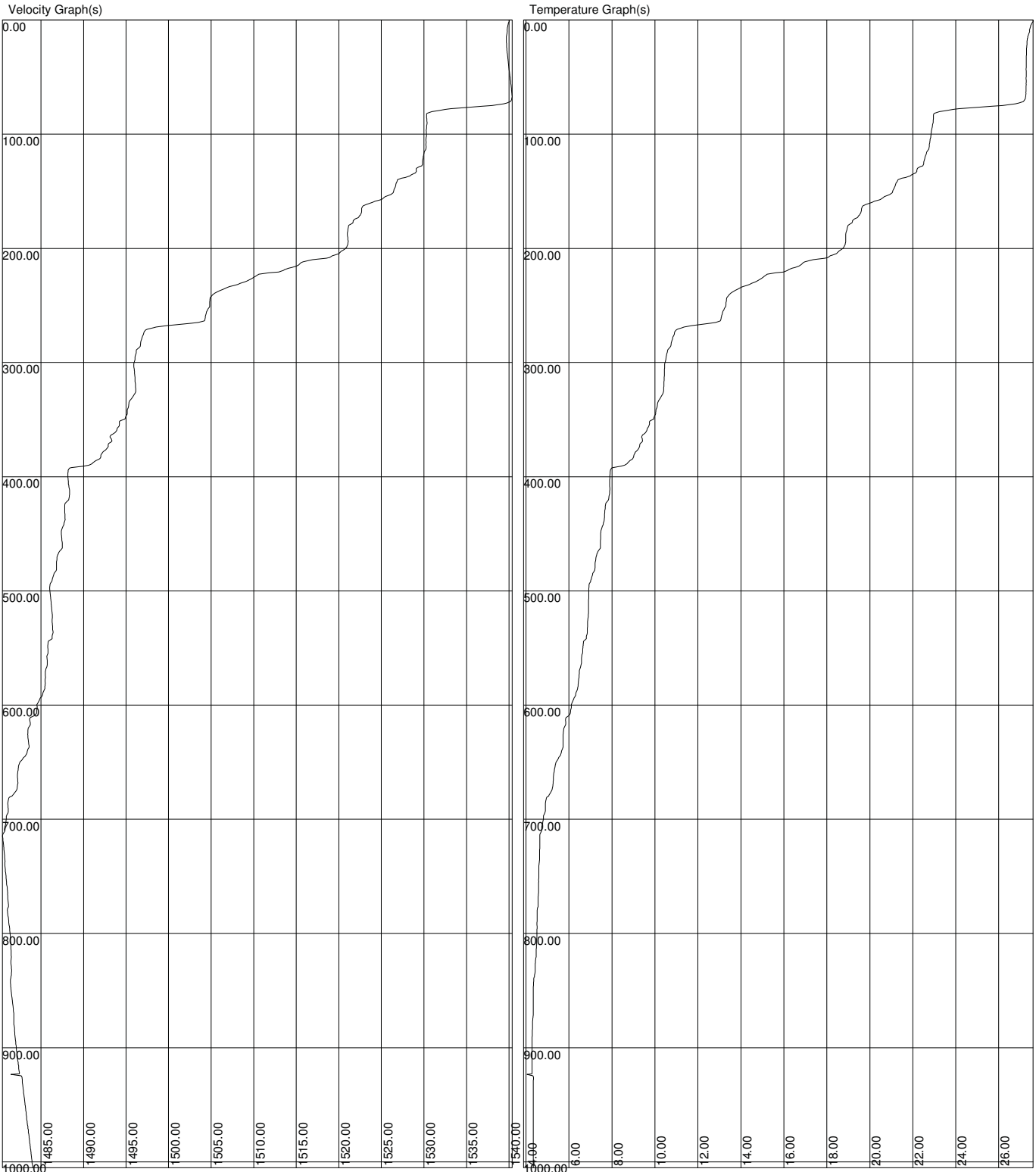


Surveyor	Date : 21/Nov/2016	Checked	Date :
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Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT_T5	S/N, Calibration Date : 380080, 0707/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F3271622_down.vel	0.00	1005.20	1480.49	1540.36	1496.34	19.366	1539.84	4.05	27.60	10.28	7.327	27.49

Profile	Date	Time	Easting	Northing
F3271622_down.vel	22/11/2016	16:21	2503145.000	784788.000



Surveyor	Date : 22/Nov/2016	Checked	Date :
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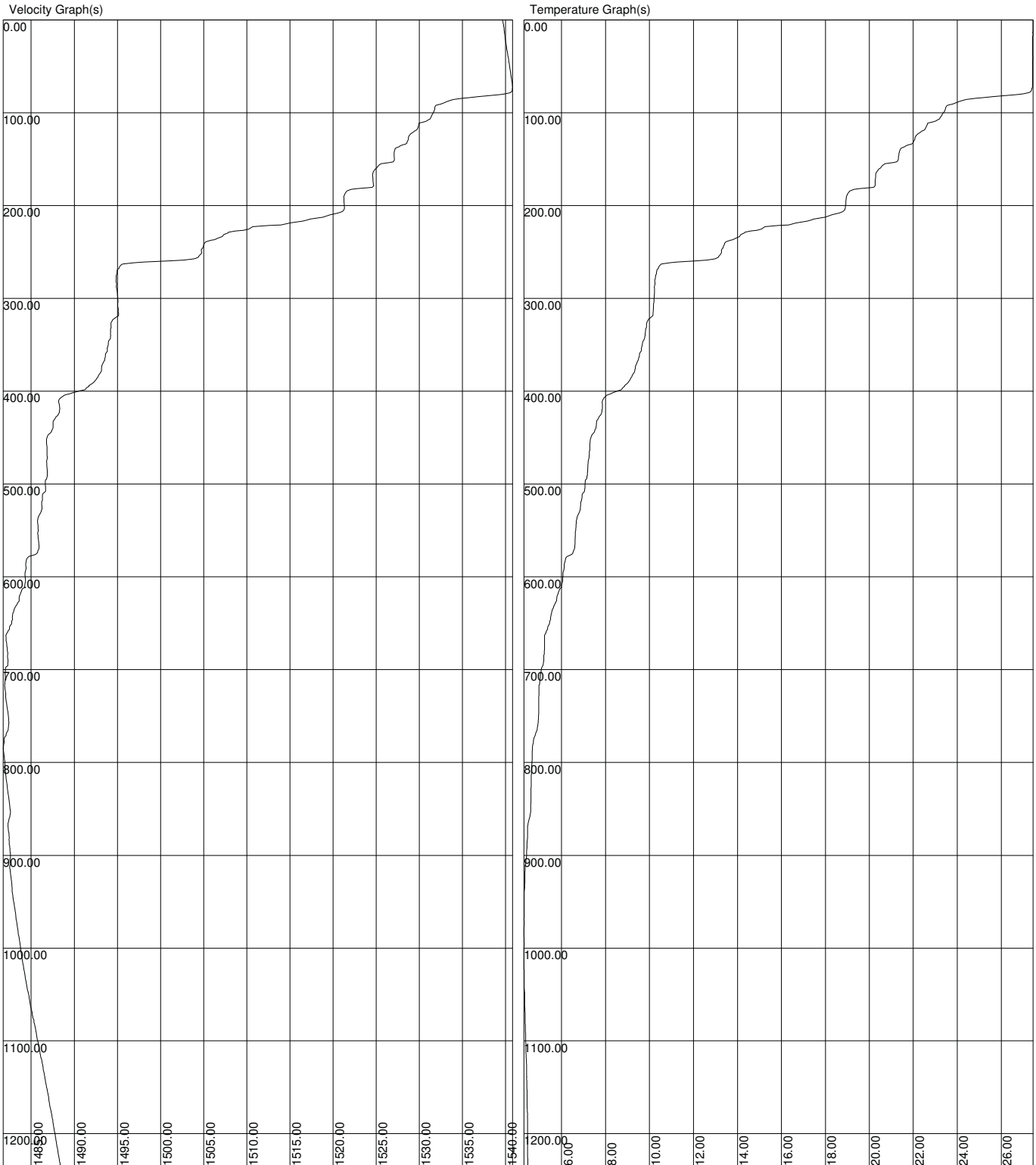
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VELOCITY PROFILE(S)

Project Details												
Client: NEC						Project Name : 10817						
Project Title : SACS Cable Route Survey						Vessel : Ocean Endeavour						
Instrument Details												
Instrument : XBT_T5						S/N, Calibration Date : 380085, 07/07/2016						

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
	0.00	1236.50	1481.77	1540.80	1494.66	18.118	1539.74	4.29	27.45	9.25	7.092	27.45

Profile	Date	Time	Easting	Northing
	23/11/2016	07:56	2504230.670	786323.530



Surveyor	Date : 23/Nov/2016	Checked	Date :
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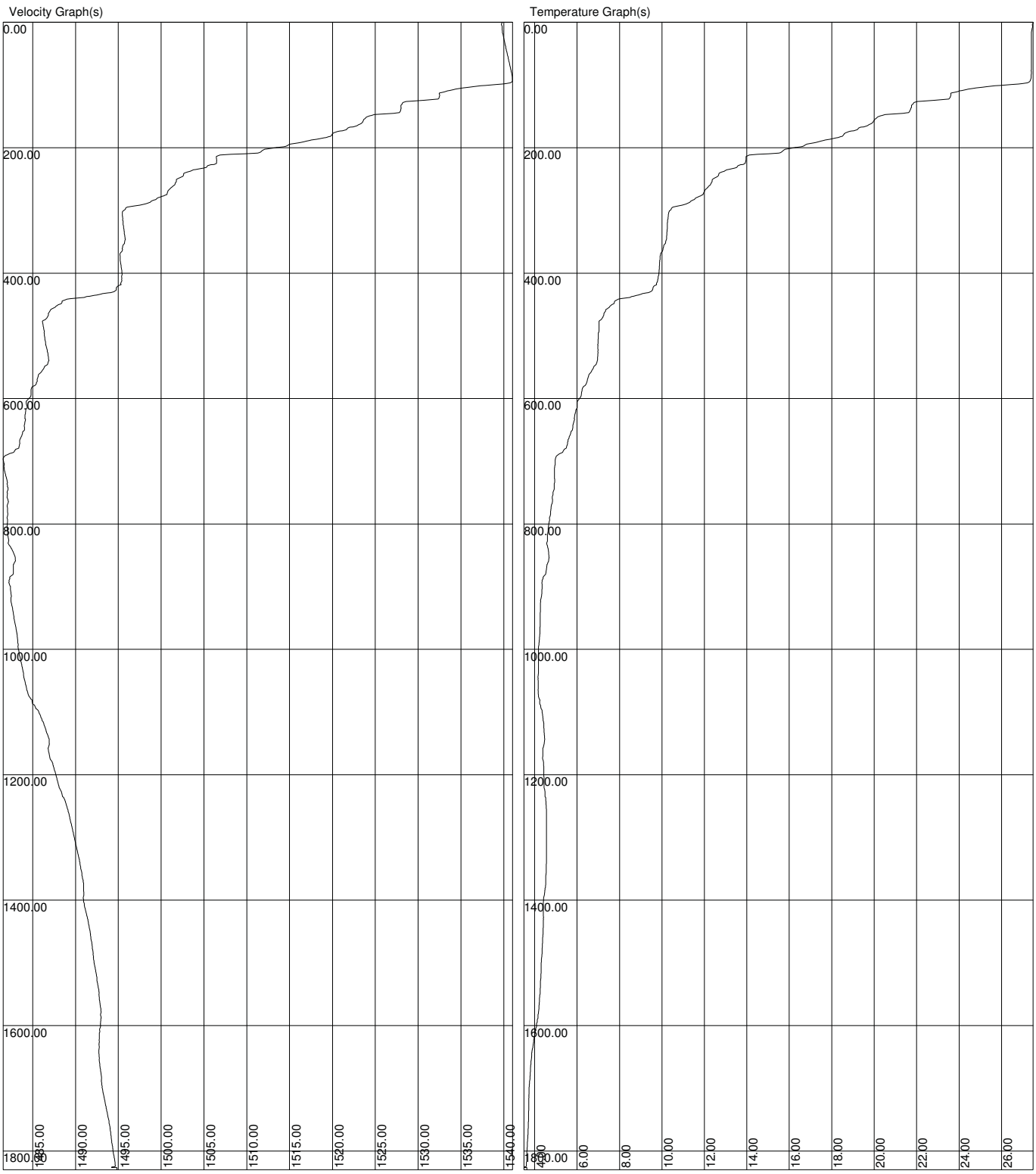
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT_T5	S/N, Calibration Date : 380081, 07/07/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F3291149_down.vel	0.00	1830.00	1481.57	1541.02	1494.04	14.916	1539.76	3.50	27.49	7.66	6.338	27.45

Profile	Date	Time	Easting	Northing
F3291149_down.vel	24/11/2016	11:49	2518522.380	787654.470



Surveyor	Date : 24/Nov/2016	Checked	Date :
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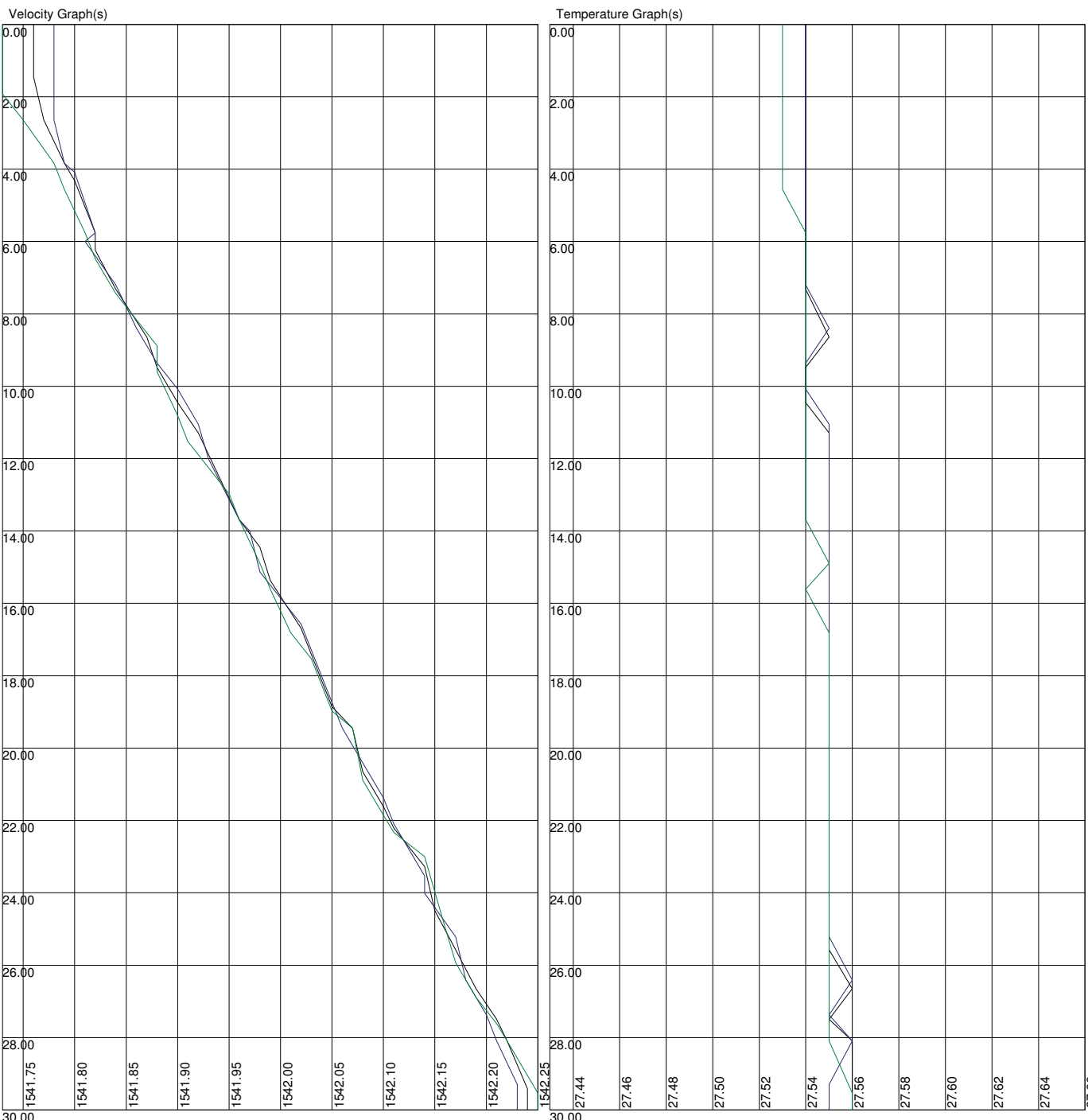
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : vALEPORT 650	S/N, Calibration Date : USPC-0020, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
M3300919.vel	0.00	30.00	1541.76	1542.24	1541.99	0.158	1541.81	27.44	27.66	27.55	0.007	27.54
F3300920_up.vel	0.00	30.00	1541.78	1542.23	1541.99	0.153	1541.80	27.44	27.66	27.55	0.006	27.54
F3300920_down.vel	0.00	30.00	1541.73	1542.25	1541.99	0.164	1541.80	27.43	27.66	27.54	0.008	27.53

Profile	Date	Time	Easting	Northing
M3300919.vel	25/11/2016	09:19	2446205.000	804041.000
F3300920_up.vel	25/11/2016	09:19	2446205.000	804041.000
F3300920_down.vel	25/11/2016	09:19	2446205.000	804041.000

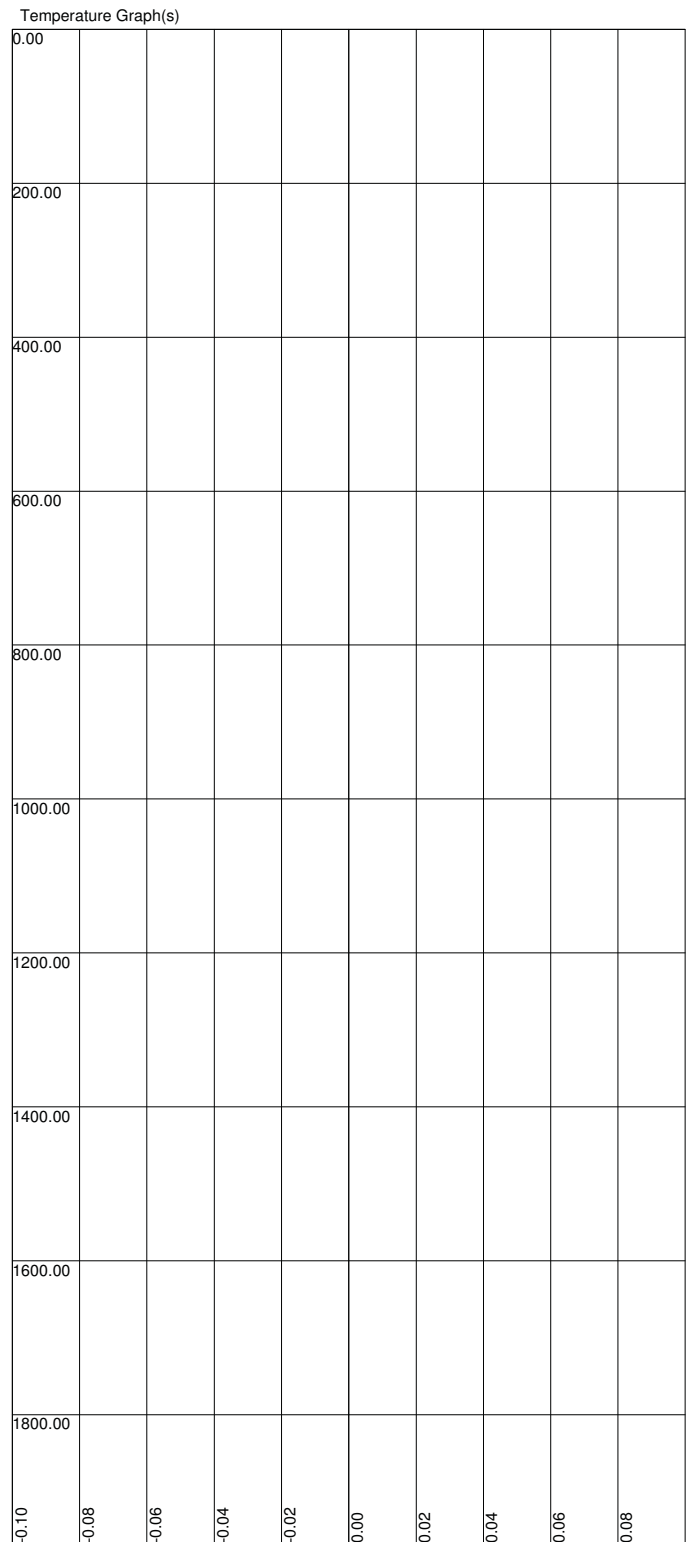
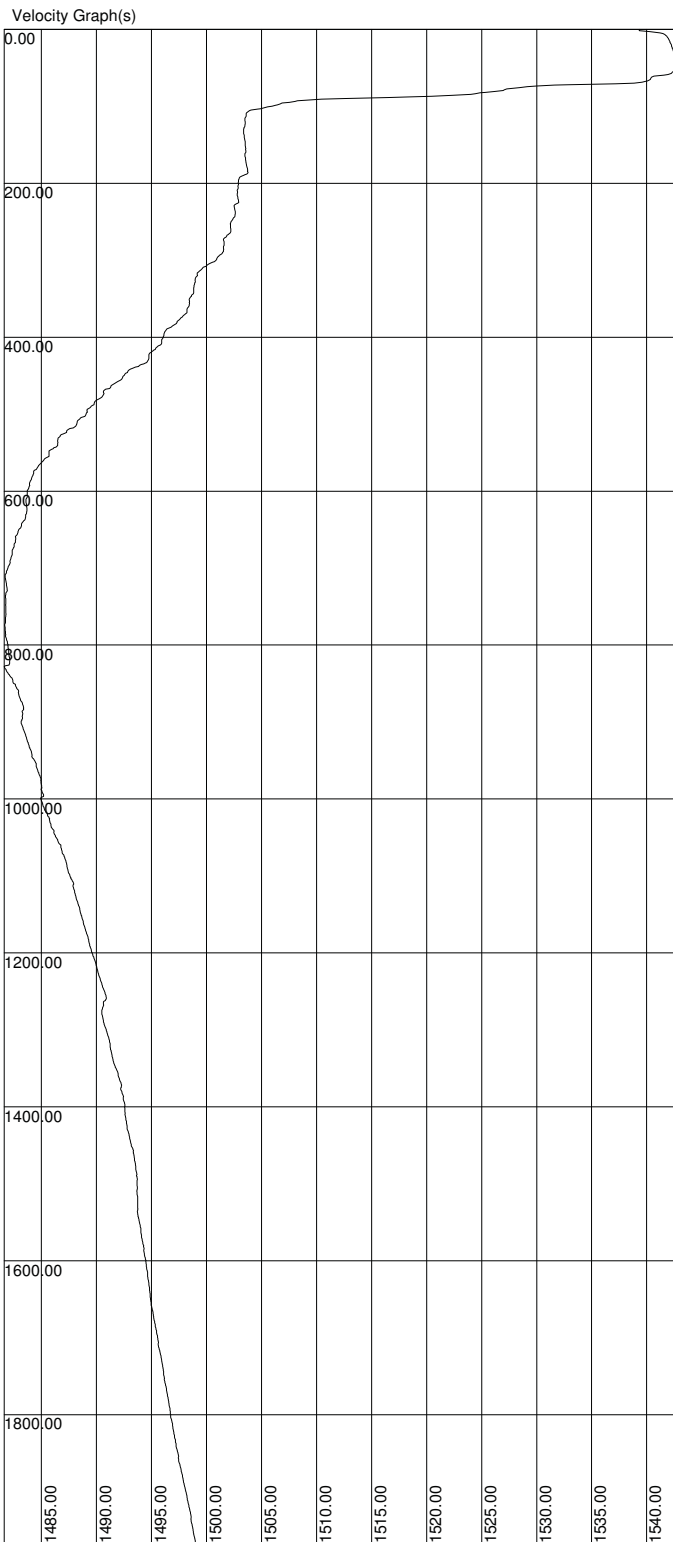


Surveyor	Date : 30/Dec/2016	Checked	Date :
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Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XSV-02	S/N, Calibration Date : 063345, 01/01/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F3610631_down.vel	0.00	1970.00	1481.64	1542.77	1493.98	11.751	1541.30	0.00	0.00	0.00	0.000	0.00

Profile	Date	Time	Easting	Northing
F3610631_down.vel	26/12/2016	06:30	3429122.000	882435.000



Surveyor	Date : 30/Dec/2016	Checked	Date :
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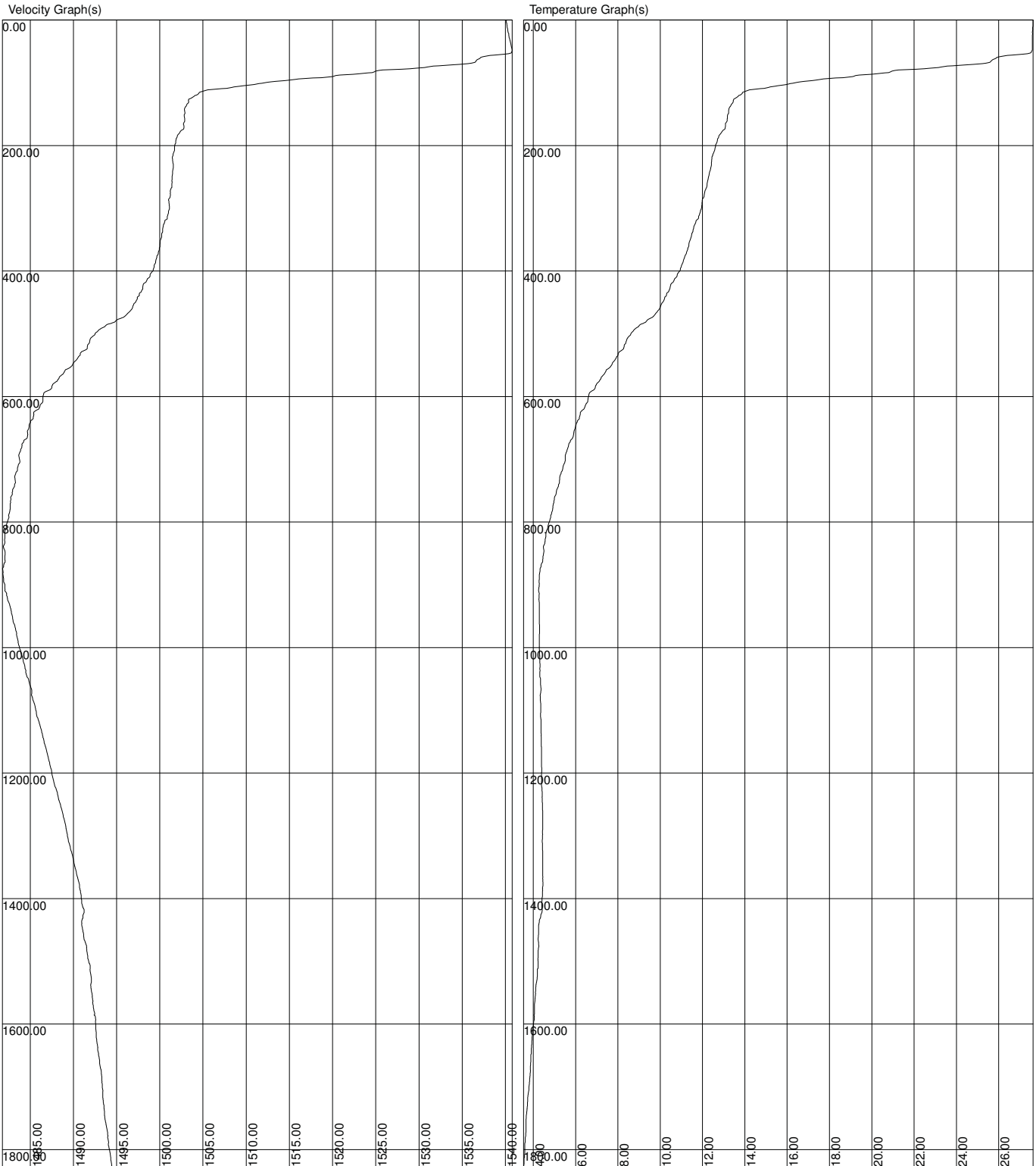
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T5	S/N, Calibration Date : 380087, 07/07/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F3621017_down.vel	0.00	1830.50	1481.80	1540.78	1493.30	11.948	1540.14	3.55	27.63	7.34	5.353	27.62

Profile	Date	Time	Easting	Northing
F3621017_down.vel	27/12/2016	10:16	3529589.000	877749.000



Surveyor	Date : 27/Dec/2016	Checked	Date :
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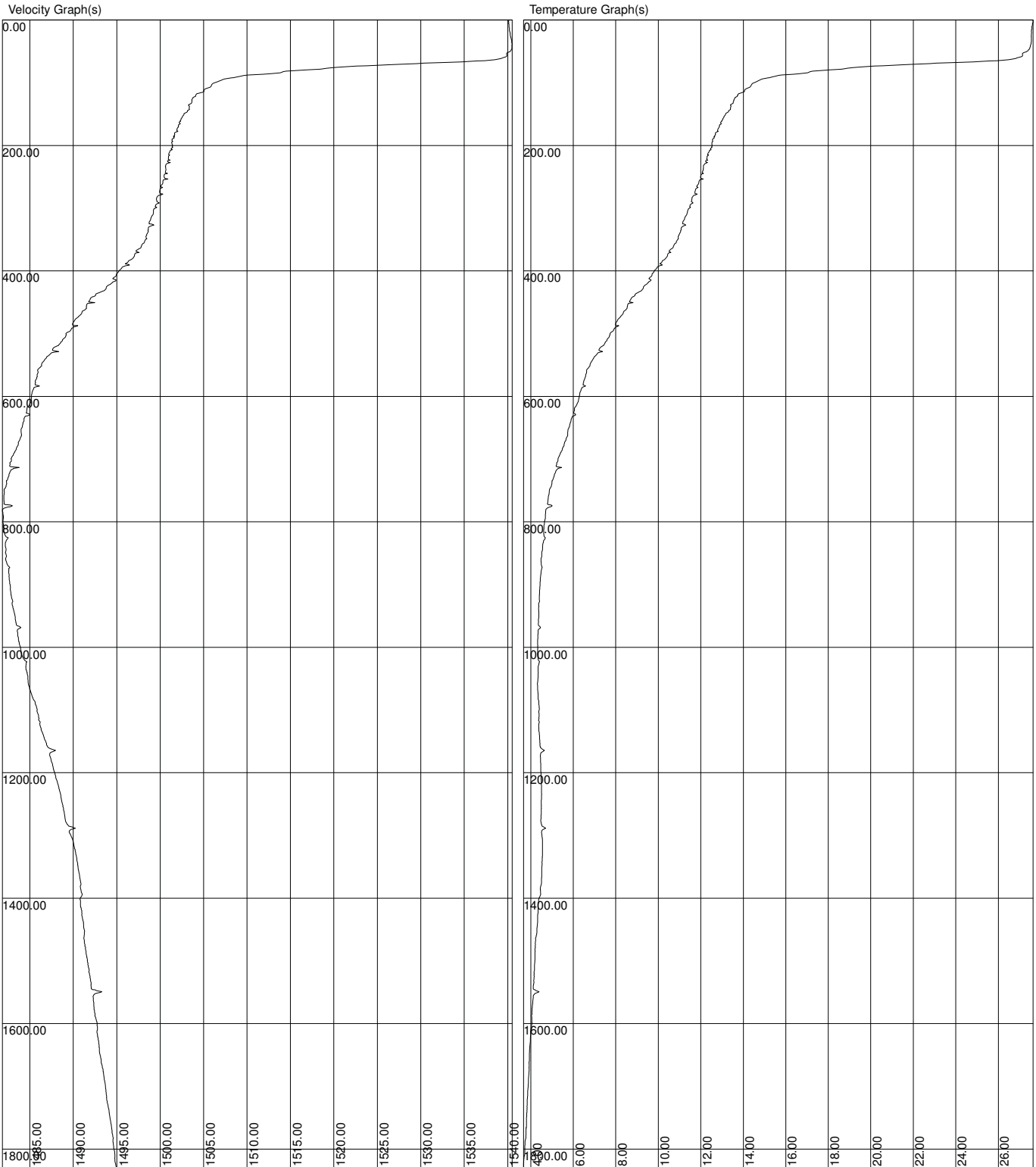
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T5	S/N, Calibration Date : 380090, 07/07/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F3631104_down.vel	0.00	1830.50	1481.86	1540.51	1492.59	11.518	1540.12	3.66	27.64	7.13	5.138	27.62

Profile	Date	Time	Easting	Northing
F3631104_down.vel	28/12/2016	11:02	3763084.000	880303.000



Surveyor	Date : 28/Dec/2016	Checked	Date :
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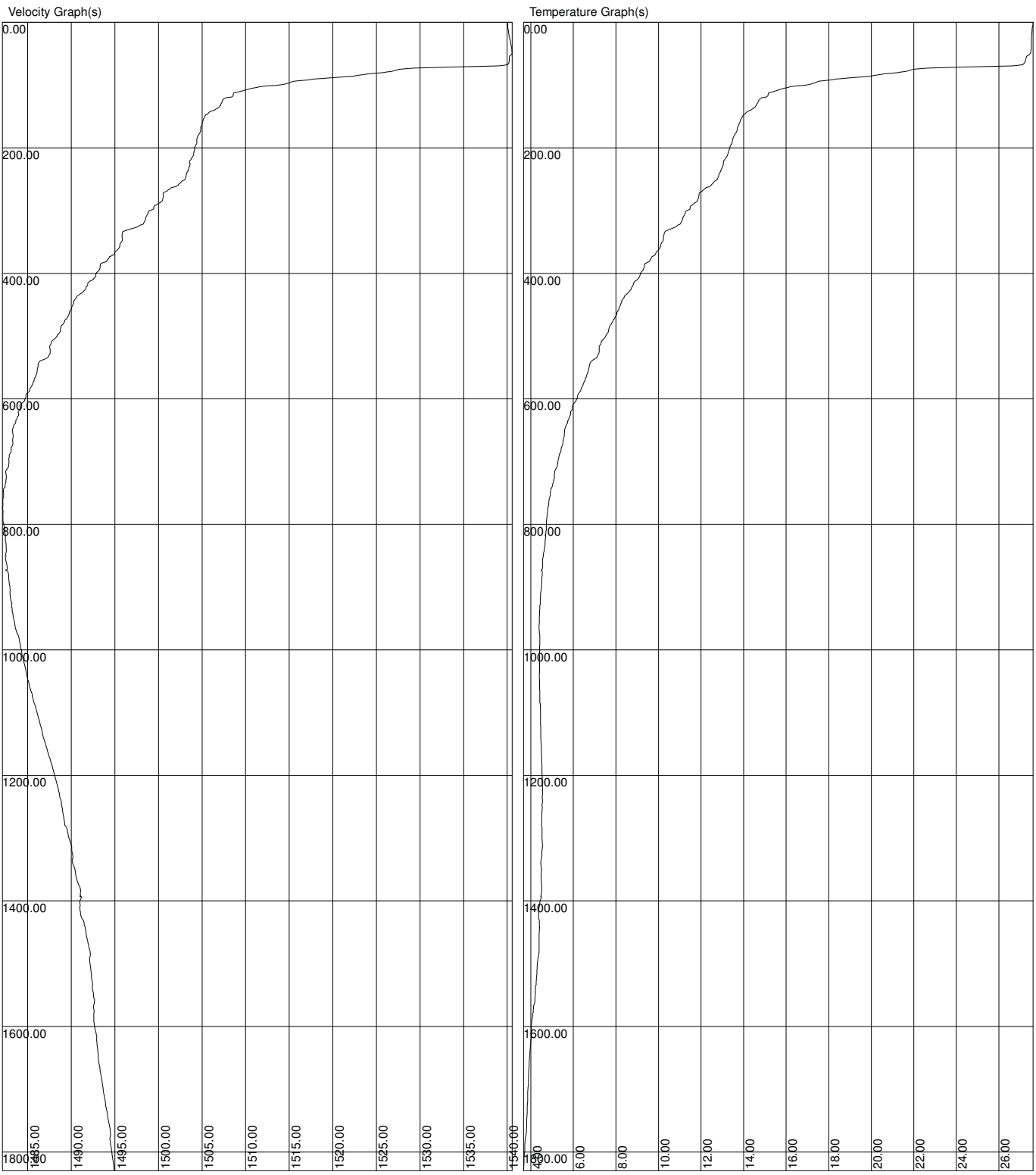
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T5	S/N, Calibration Date : 380086, 07/07/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F3641212_down.vel	0.00	1830.00	1482.12	1540.56	1492.87	12.130	1540.07	3.66	27.61	7.23	5.344	27.60

Profile	Date	Time	Easting	Northing
F3641212_down.vel	29/12/2016	12:11	3927169.000	884425.000



Surveyor	Date : 29/Dec/2016	Checked	Date :
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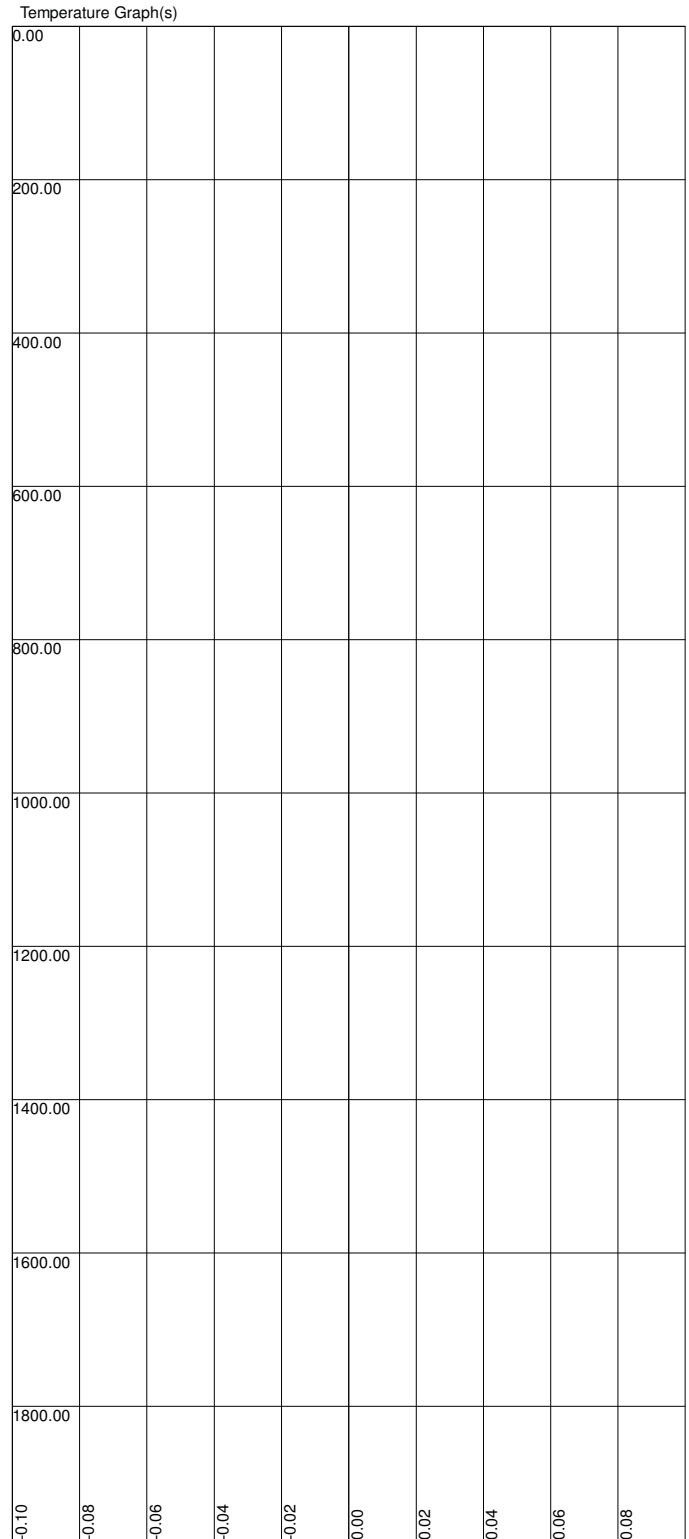
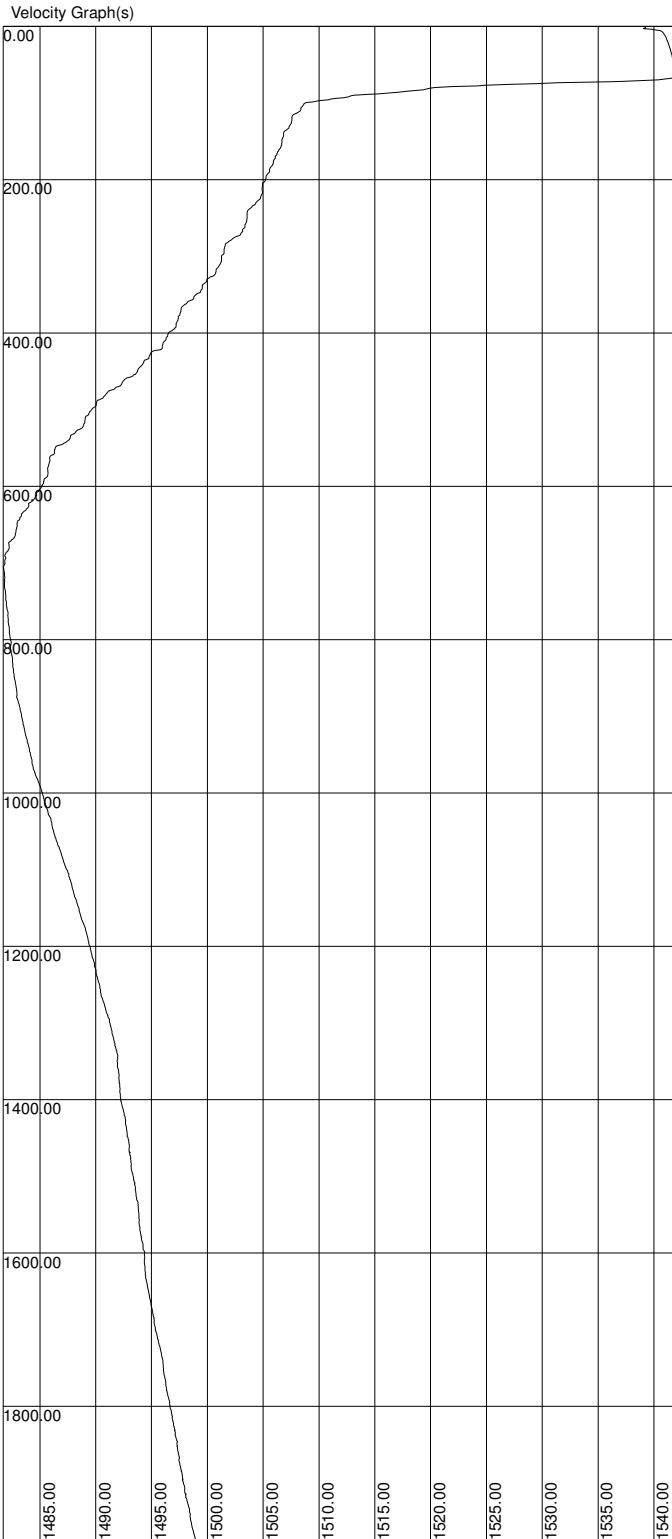
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XSV-02	S/N, Calibration Date : 063354, 05/16/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F3651146_down.vel	0.00	1977.60	1481.73	1542.00	1494.29	11.776	1540.25	0.00	0.00	0.00	0.000	0.00

Profile	Date	Time	Easting	Northing
F3651146_down.vel	30/12/2016	11:45	4089829.000	878544.000



Surveyor	Date : 30/Dec/2016	Checked	Date :
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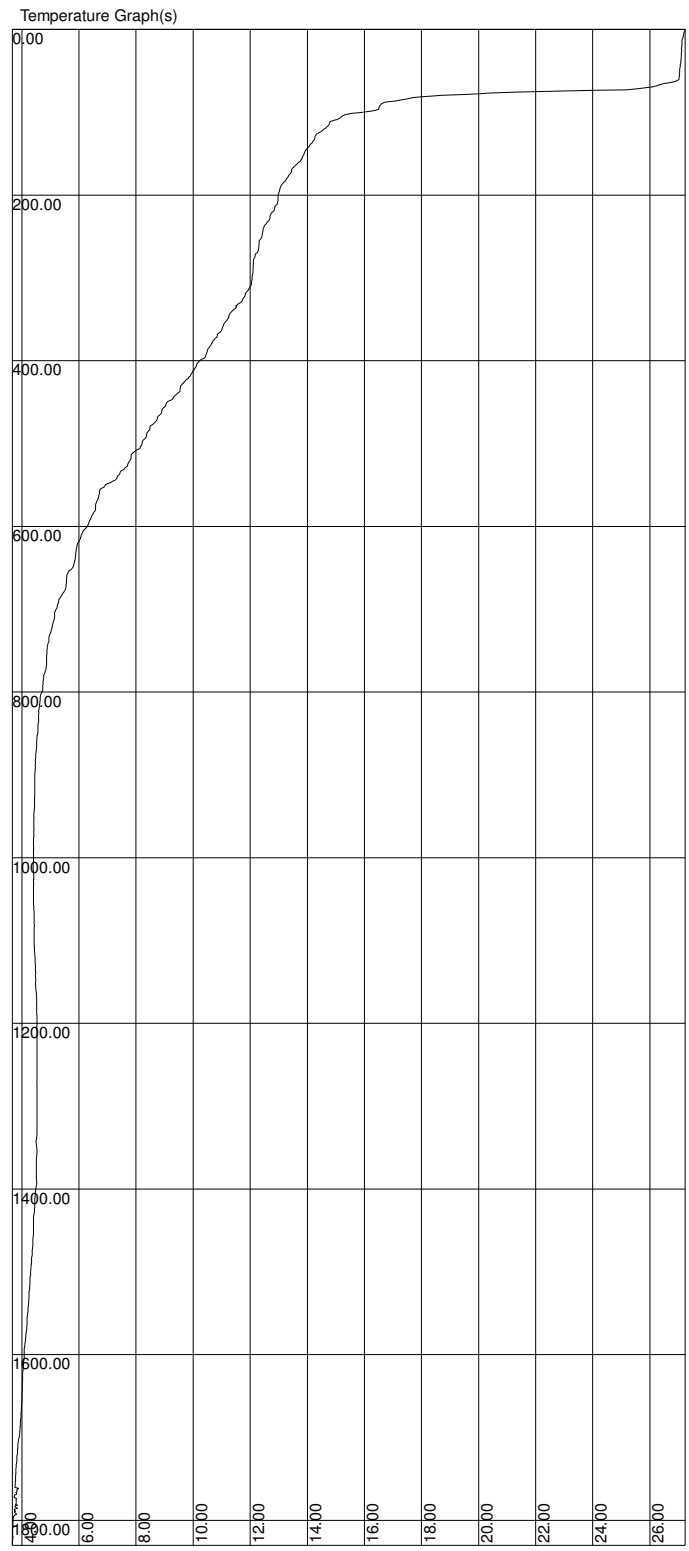
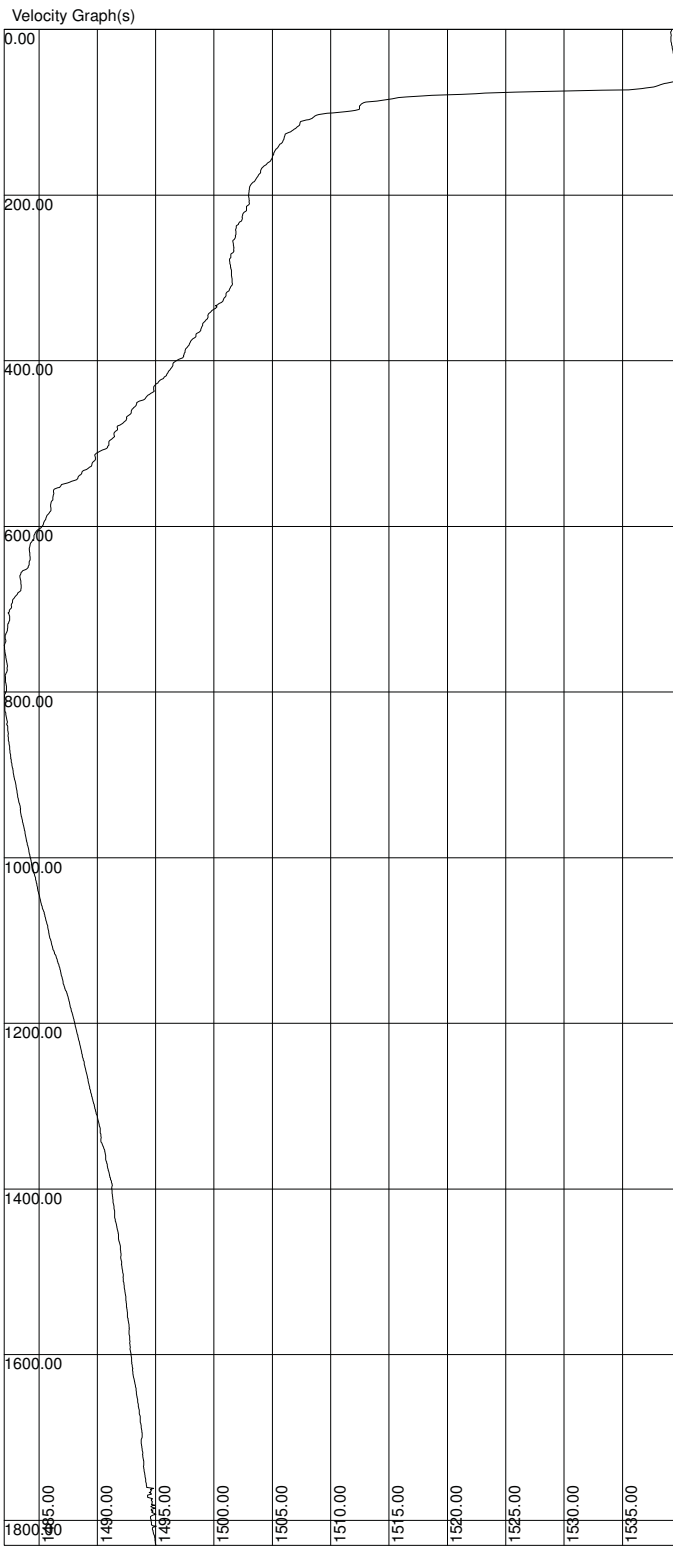
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T5	S/N, Calibration Date : 380089, 07/07/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F3661115_down.vel	0.00	1830.50	1482.03	1539.70	1493.17	11.822	1539.15	3.67	27.24	7.30	5.259	27.19

Profile	Date	Time	Easting	Northing
F3661115_down.vel	31/12/2016	11:13	4300989.000	874872.000



Surveyor	Date : 31/Dec/2016	Checked	Date :
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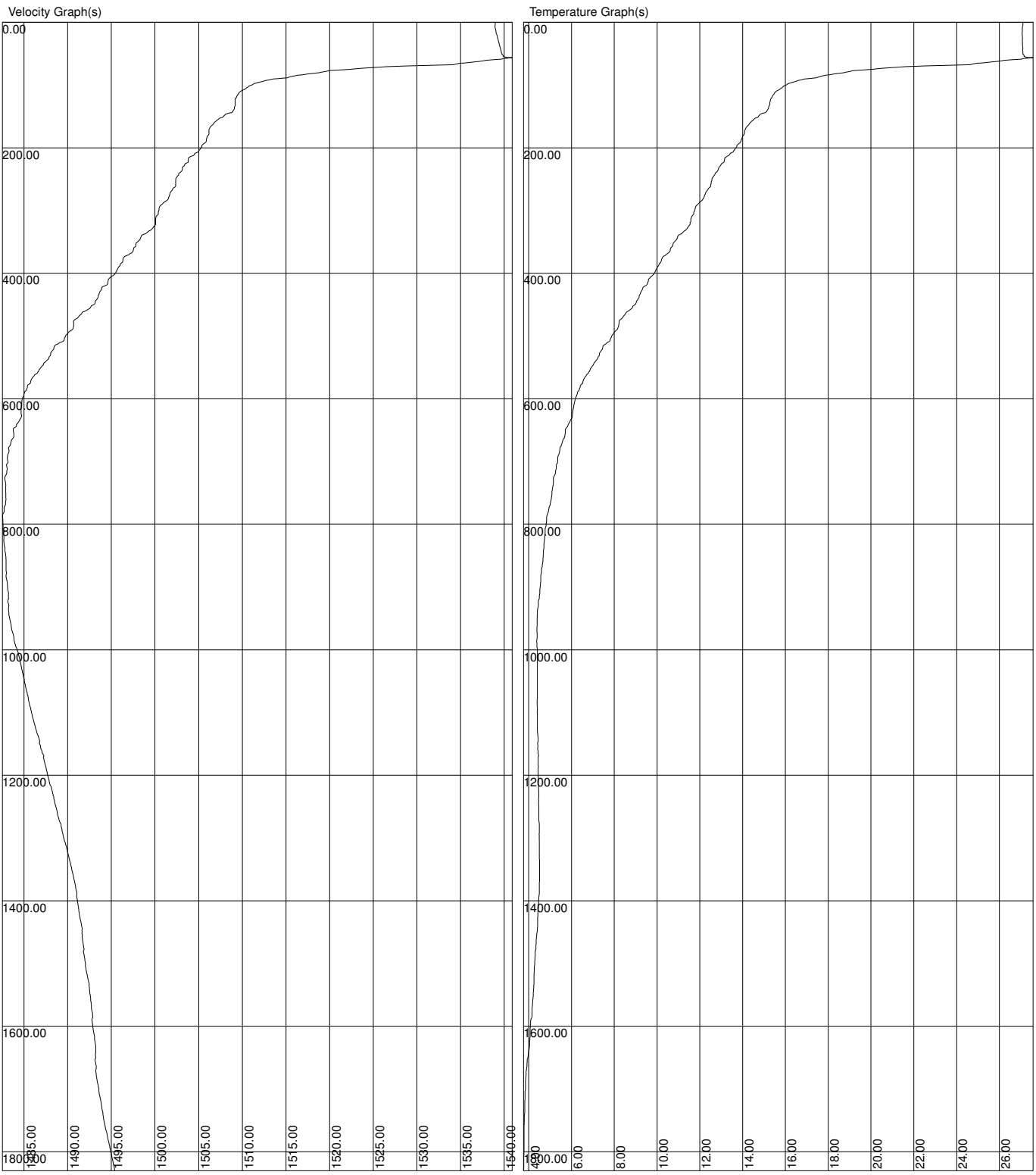
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T5	S/N, Calibration Date : 380091, 07/07/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0011104_down.vel	0.00	1830.50	1482.54	1540.91	1493.14	11.782	1538.97	3.76	27.58	7.29	5.243	27.10

Profile	Date	Time	Easting	Northing
F0011104_down.vel	01/01/2017	11:03	4467722.000	871973.000



Surveyor	Date : 01/Jan/2017	Checked	Date :
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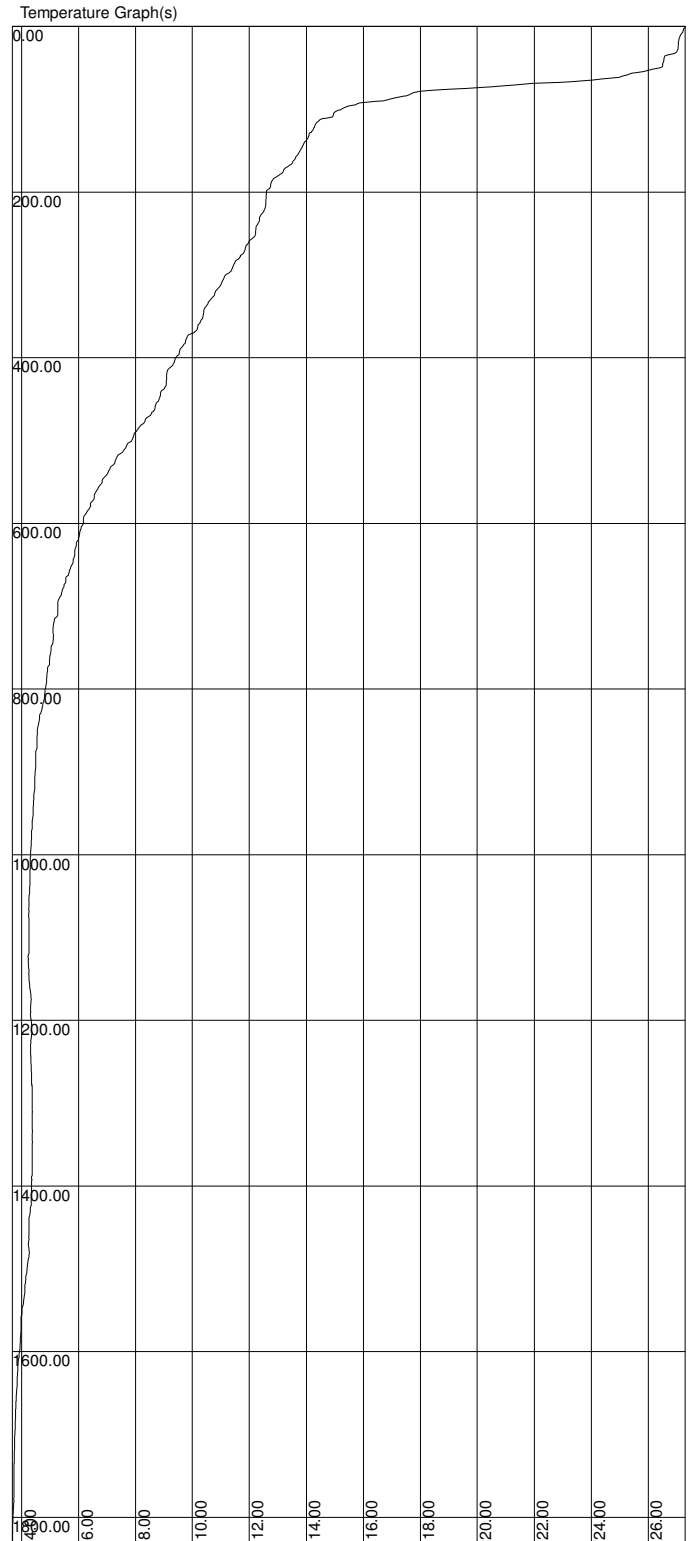
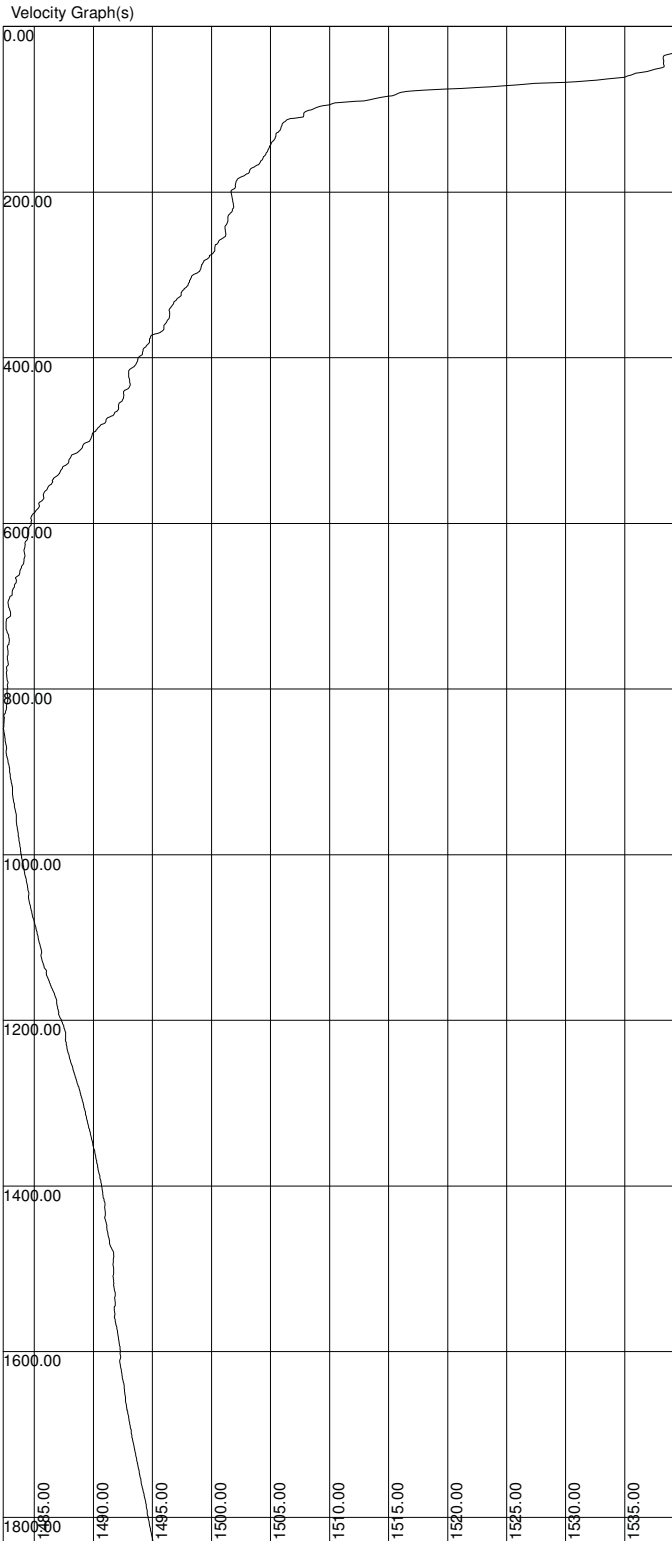
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T5	S/N, Calibration Date : 380076, 07/07/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0021322_down.vel	0.00	1830.50	1482.37	1539.36	1492.39	11.312	1539.25	3.68	27.30	7.07	5.059	27.23

Profile	Date	Time	Easting	Northing
F0021322_down.vel	01/02/2017	11:13	4700150.000	847560.000



Surveyor	Date : 02/Jan/2017	Checked	Date :
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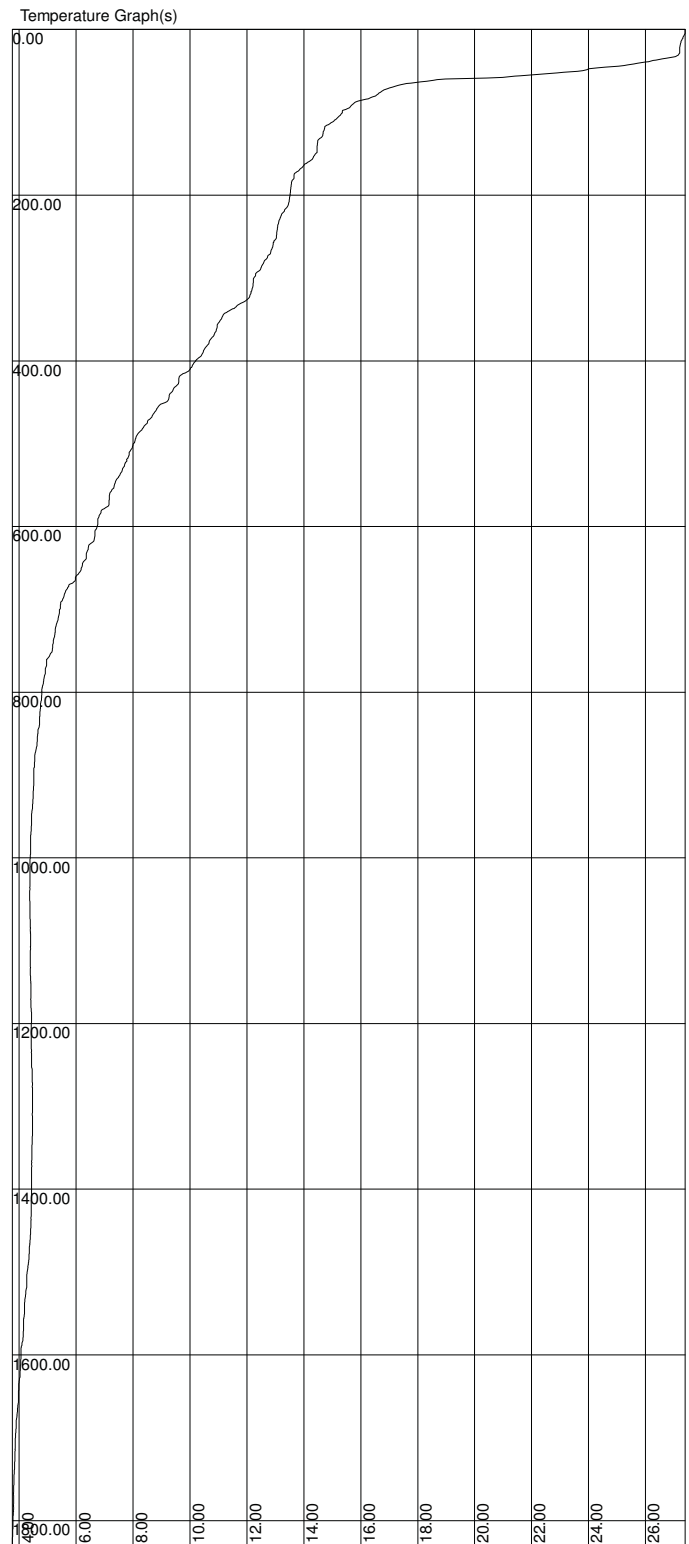
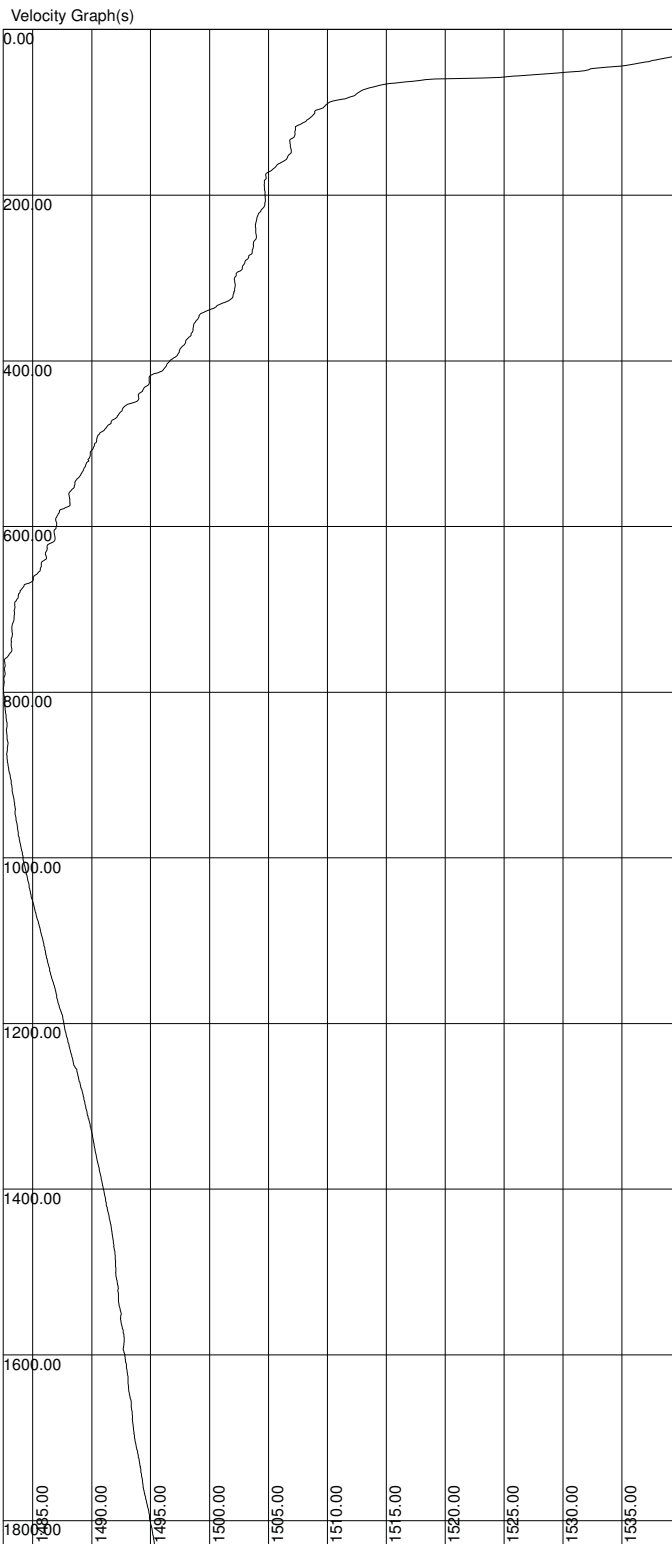
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T5	S/N, Calibration Date : 380088, 07/07/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
	0.00	1830.00	1482.50	1539.61	1493.09	10.838	1539.61	3.76	27.40	7.24	4.928	27.39

Profile	Date	Time	Easting	Northing
	01/03/2017	12:47	4905700.000	826020.000



Surveyor	Date : 03/Jan/2017	Checked	Date :
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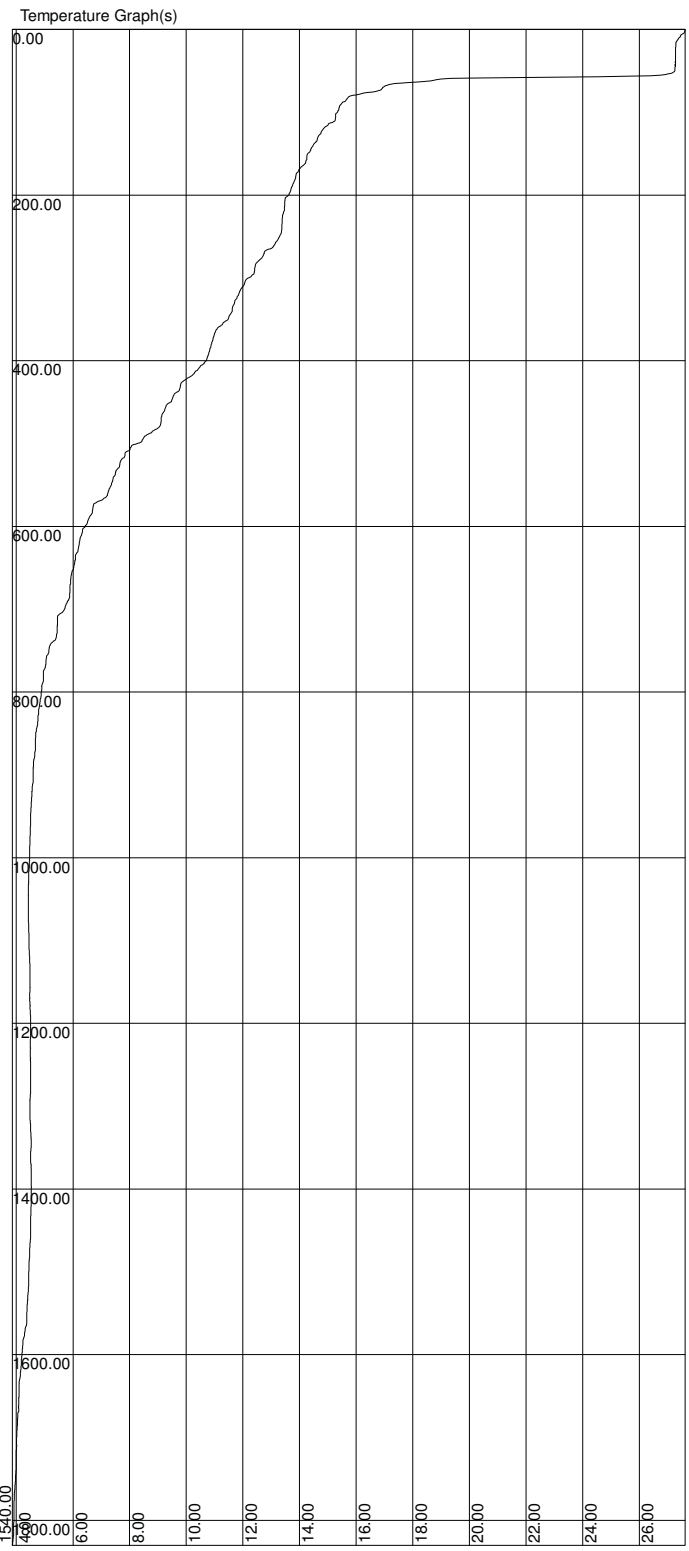
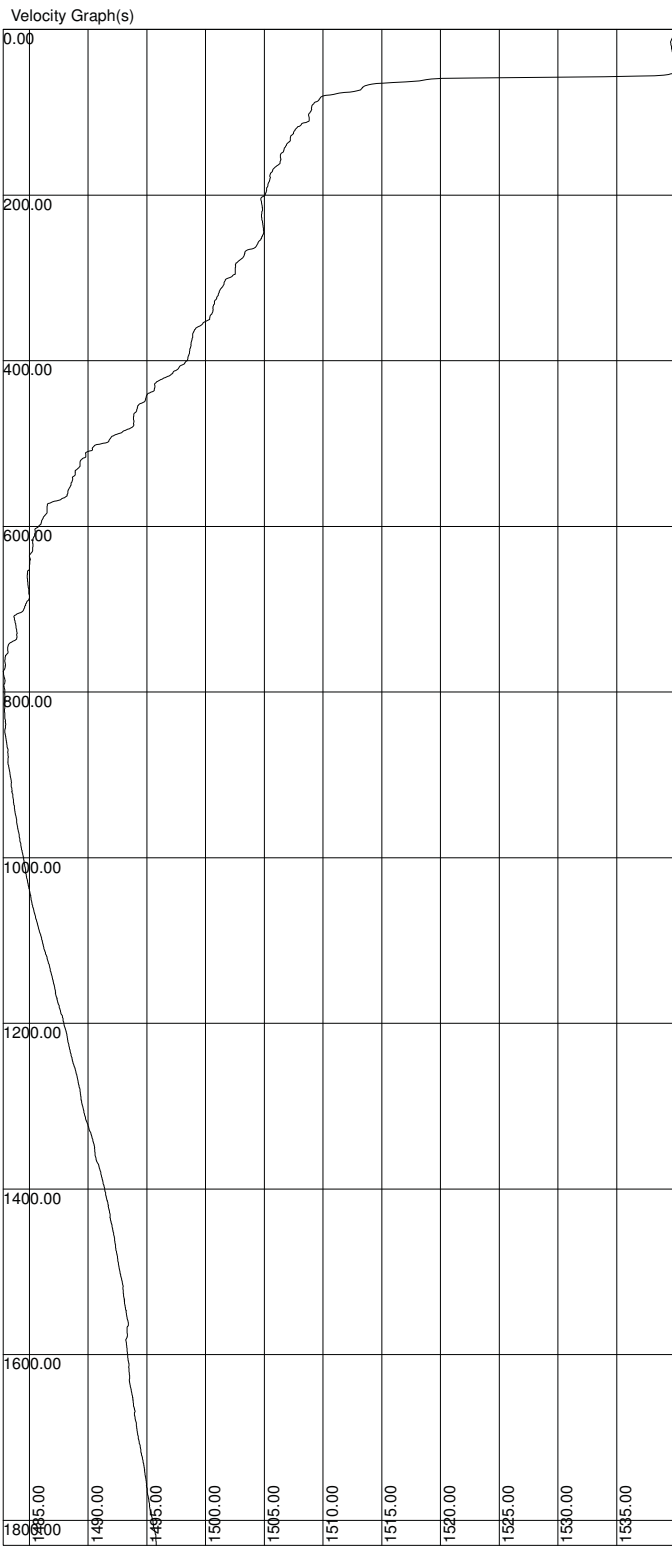
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T5	S/N, Calibration Date : 380077, 07/07/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0041522_down.vel	0.70	1830.50	1482.79	1540.06	1493.28	10.815	1539.97	3.86	27.62	7.18	4.913	27.55

Profile	Date	Time	Easting	Northing
F0041522_down.vel	01/04/2017	13:14	5040540.000	828520.000

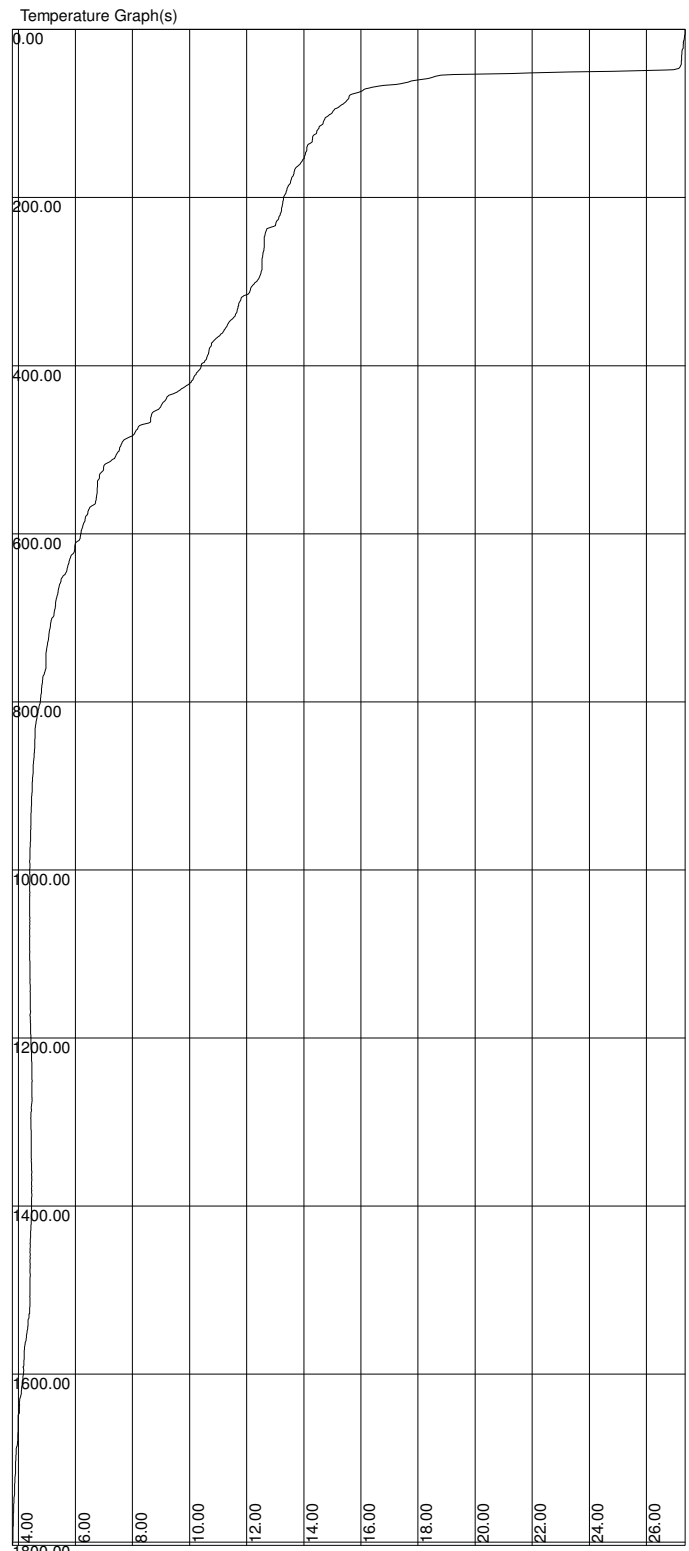
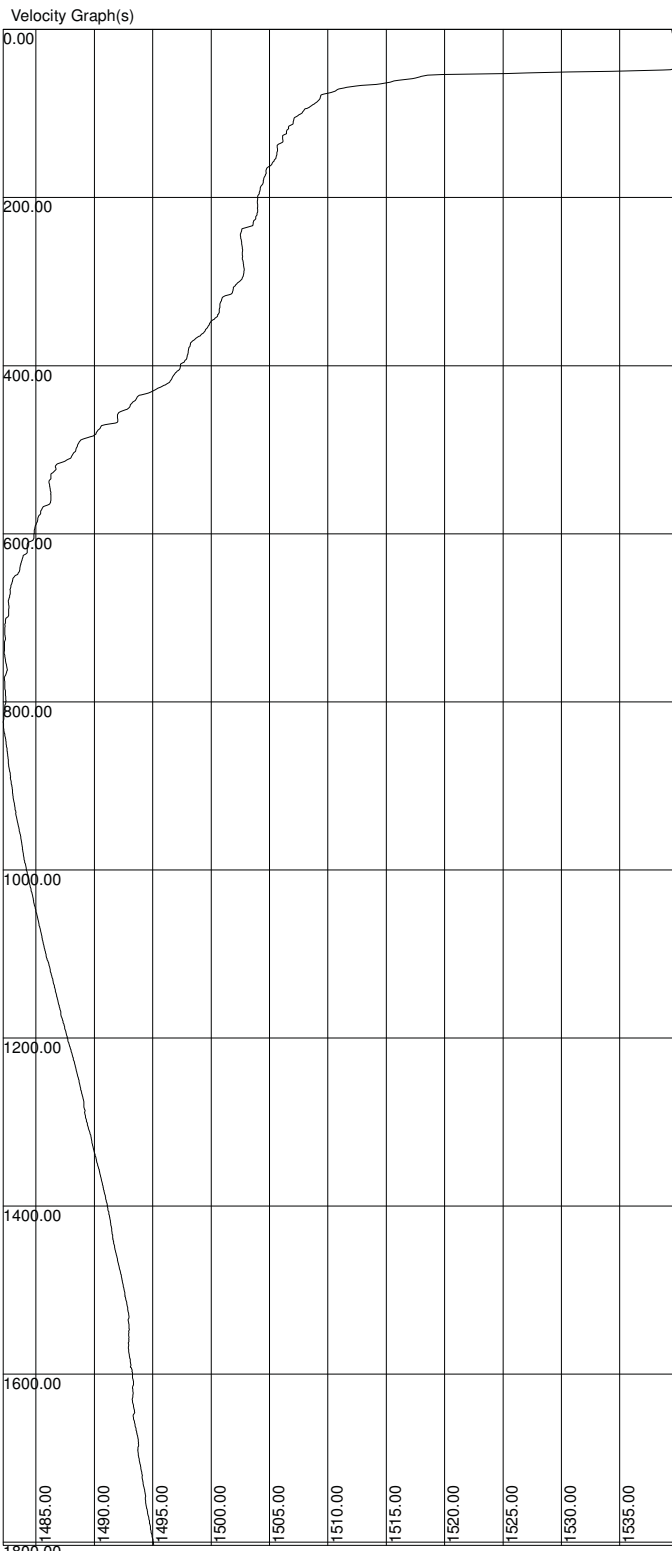


Surveyor	Date : 04/Jan/2017	Checked	Date :
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Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T5	S/N, Calibration Date : 380092, 07/07/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0052218_down.vel	0.00	1803.90	1482.21	1539.84	1492.71	11.011	1539.52	3.80	27.36	7.20	4.921	27.35

Profile	Date	Time	Easting	Northing
F0052218_down.vel	01/05/2017	20:07	5078881.000	8155094.000



Surveyor	Date : 05/Jan/2017	Checked	Date :
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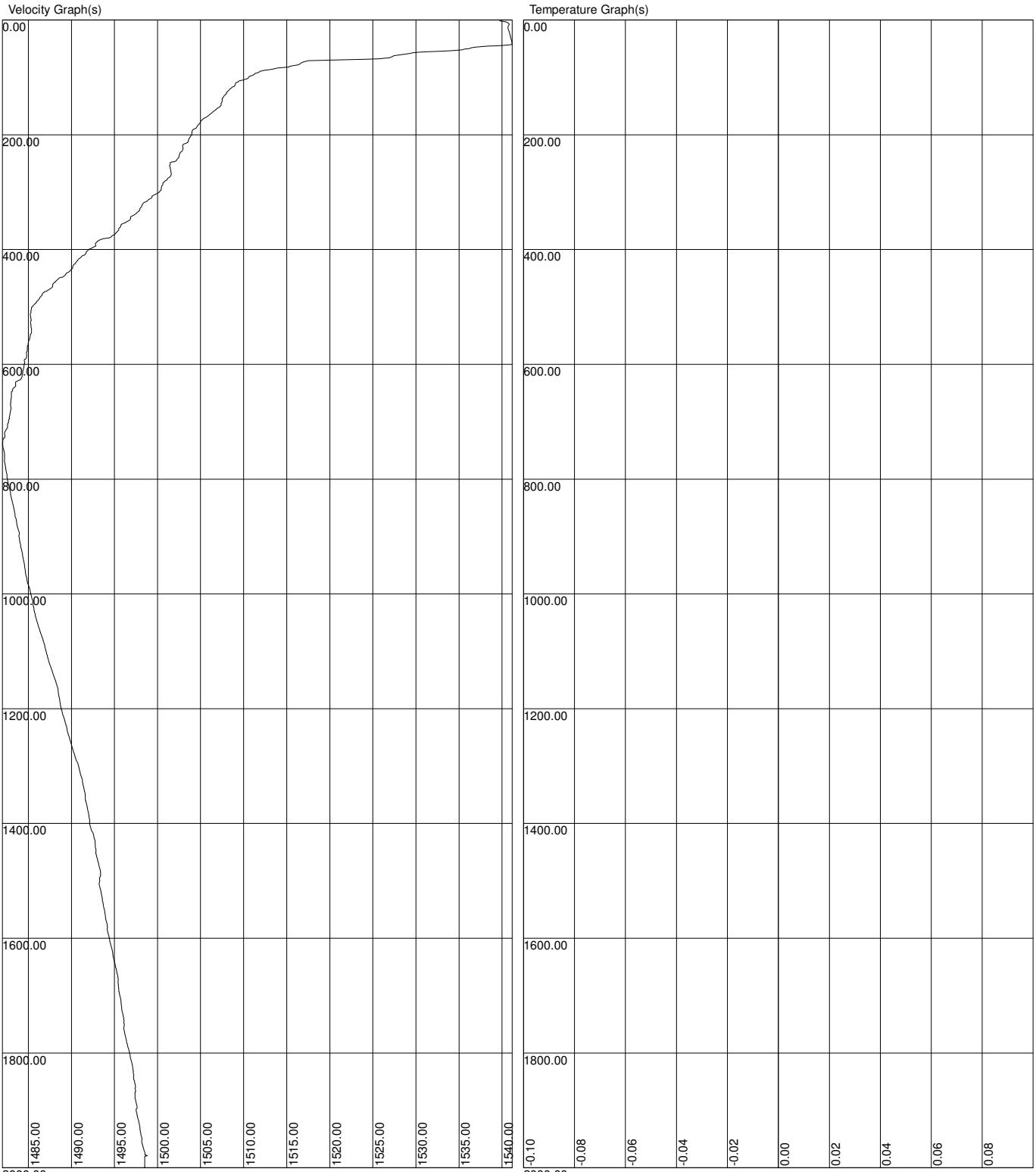
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XSV-02	S/N, Calibration Date : 063349, 05/16/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0062014_down.vel	0.00	2000.10	1482.00	1541.17	1493.57	10.979	1540.68	0.00	0.00	0.00	0.000	0.00

Profile	Date	Time	Easting	Northing
F0062014_down.vel	01/06/2017	17:49	5247120.000	812440.000



Surveyor	Date : 06/Jan/2017	Checked	Date :
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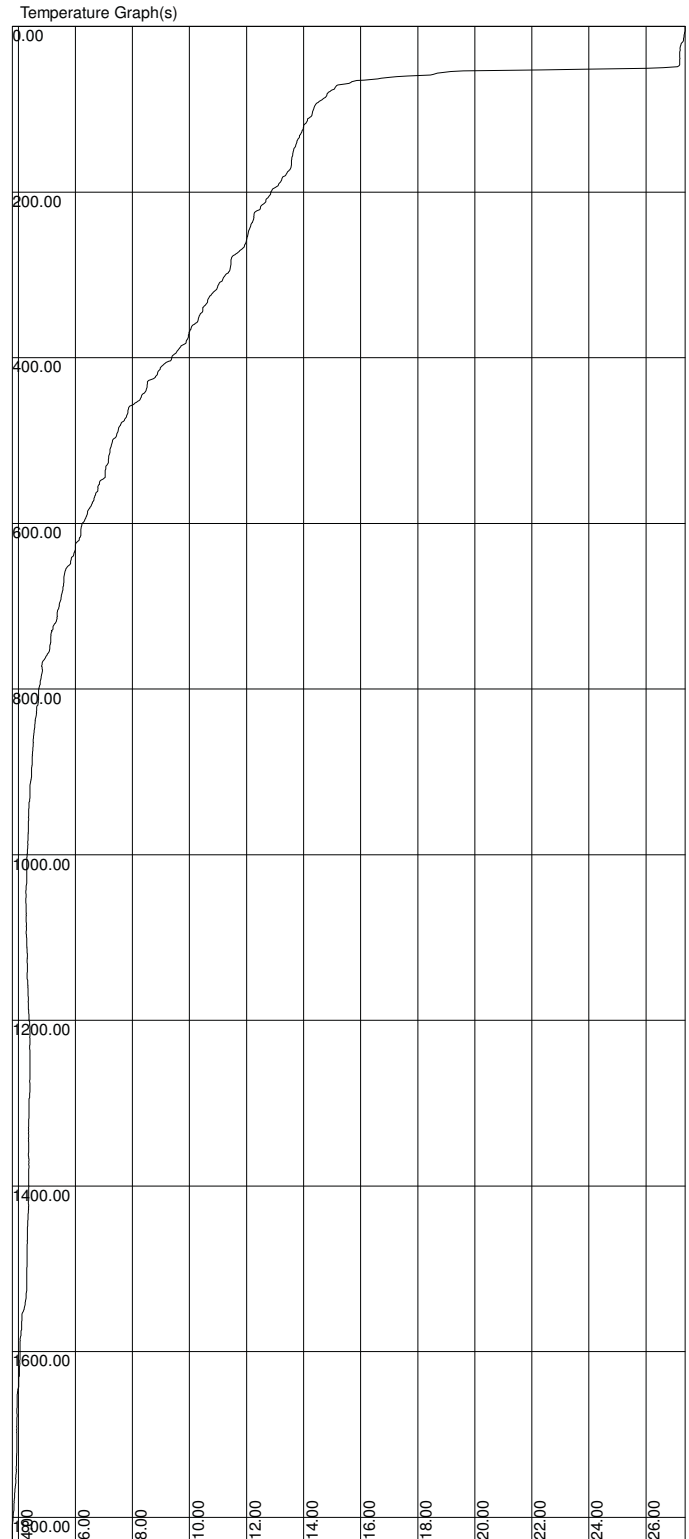
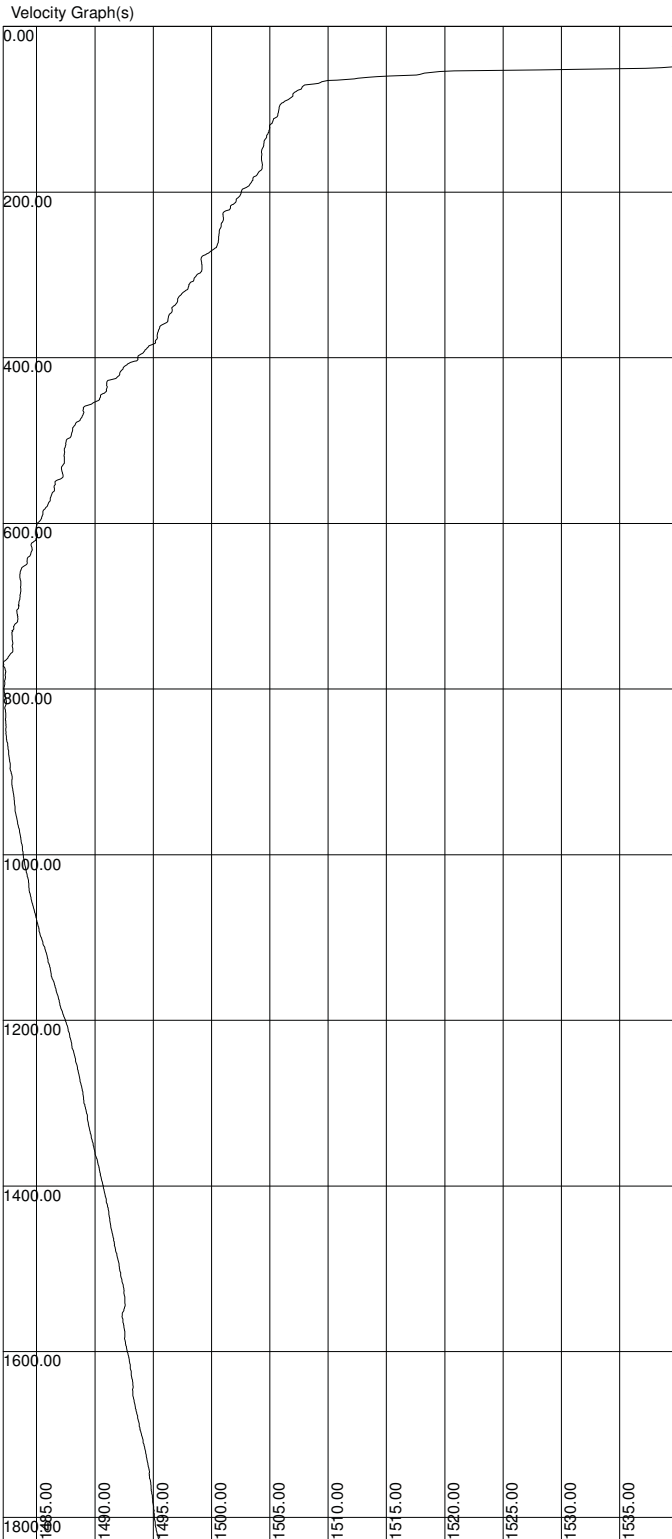
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T5	S/N, Calibration Date : 380094, 07/07/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0072036_down.vel	0.00	1830.50	1482.15	1539.85	1492.11	10.588	1539.56	3.79	27.37	6.97	4.771	27.37

Profile	Date	Time	Easting	Northing
F0072036_down.vel	01/07/2017	18:30	5463450.000	784900.000



Surveyor	Date : 07/Jan/2017	Checked	Date :
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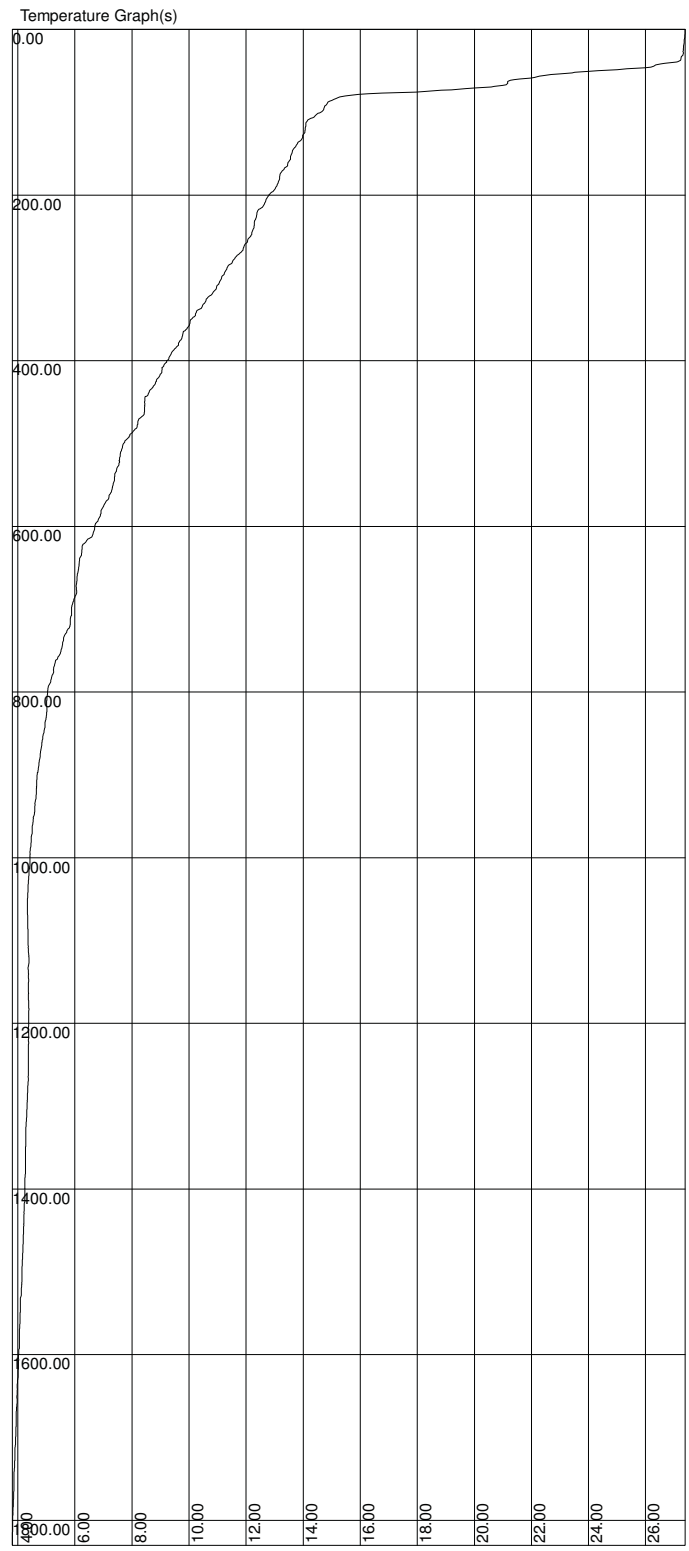
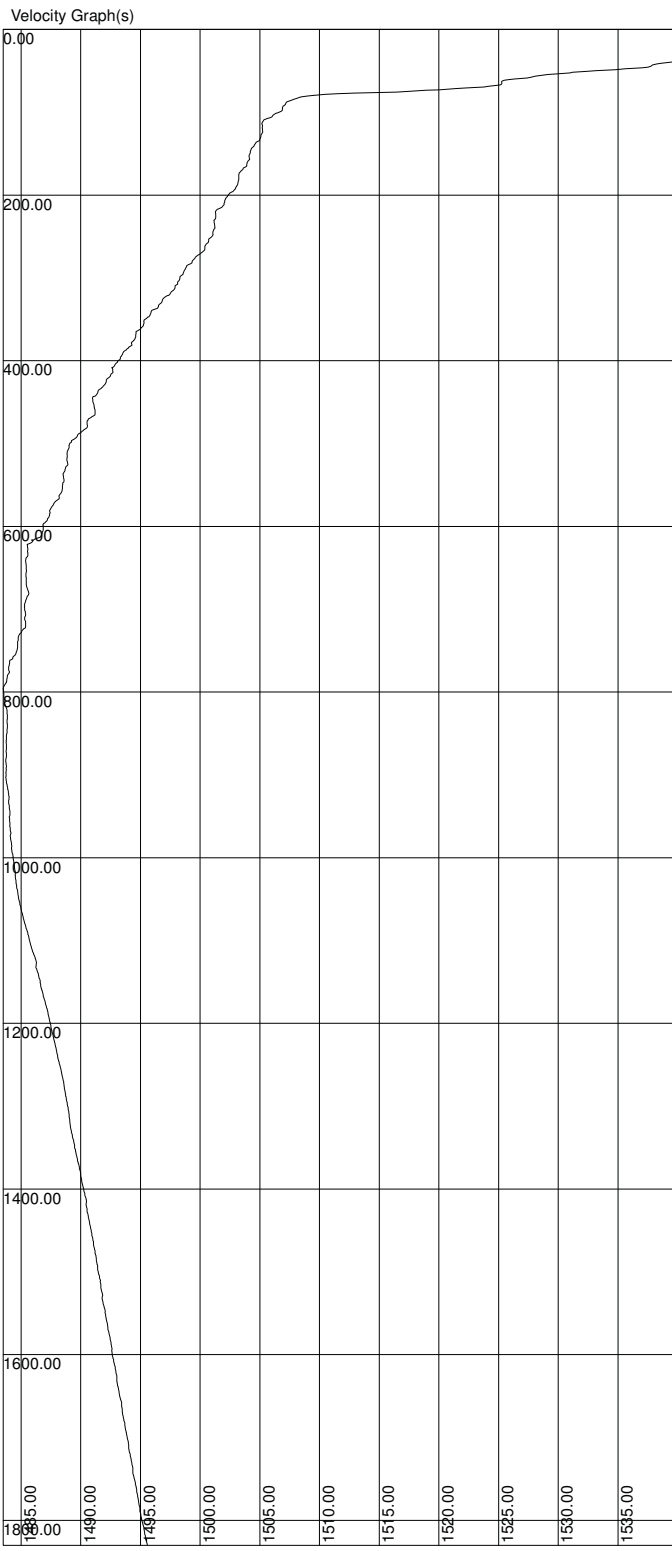
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T5	S/N, Calibration Date : 380094, 07/07/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0081852_down.vel	0.00	1830.50	1483.52	1539.88	1492.61	10.608	1539.58	3.81	27.39	7.10	4.861	27.38

Profile	Date	Time	Easting	Northing
F0081852_down.vel	01/08/2017	16:45	5610885.000	675944.000



Surveyor	Date : 08/Jan/2017	Checked	Date :
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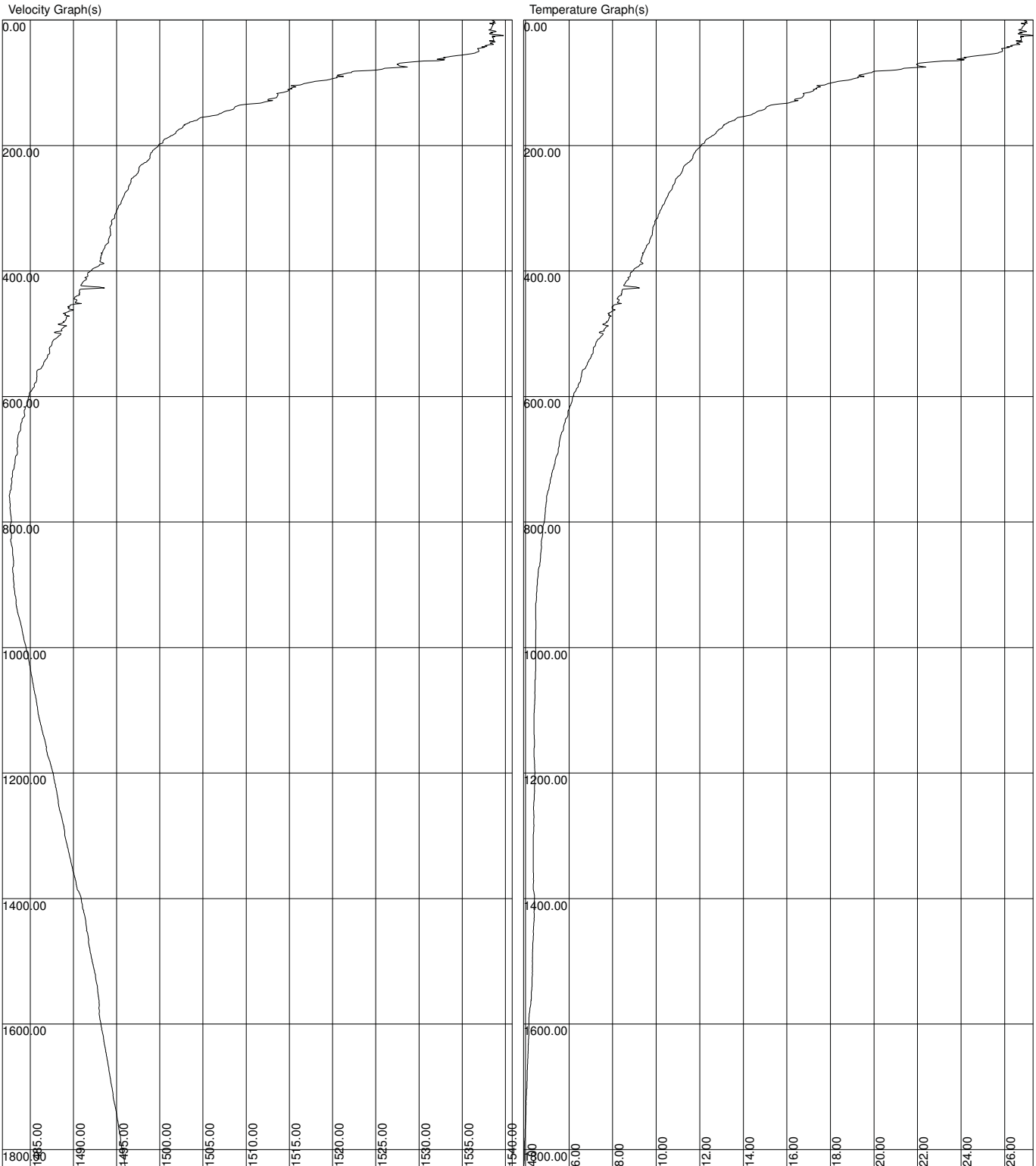
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument :	S/N, Calibration Date : ,

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0091506_down.vel	0.70	1830.50	1481.80	1540.78	1492.52	11.531	1538.82	3.92	27.31	7.11	5.070	27.04

Profile	Date	Time	Easting	Northing
F0091506_down.vel	01/09/2017	12:49	5749403.000	570127.000



Surveyor	Date : 09/Jan/2017	Checked	Date :
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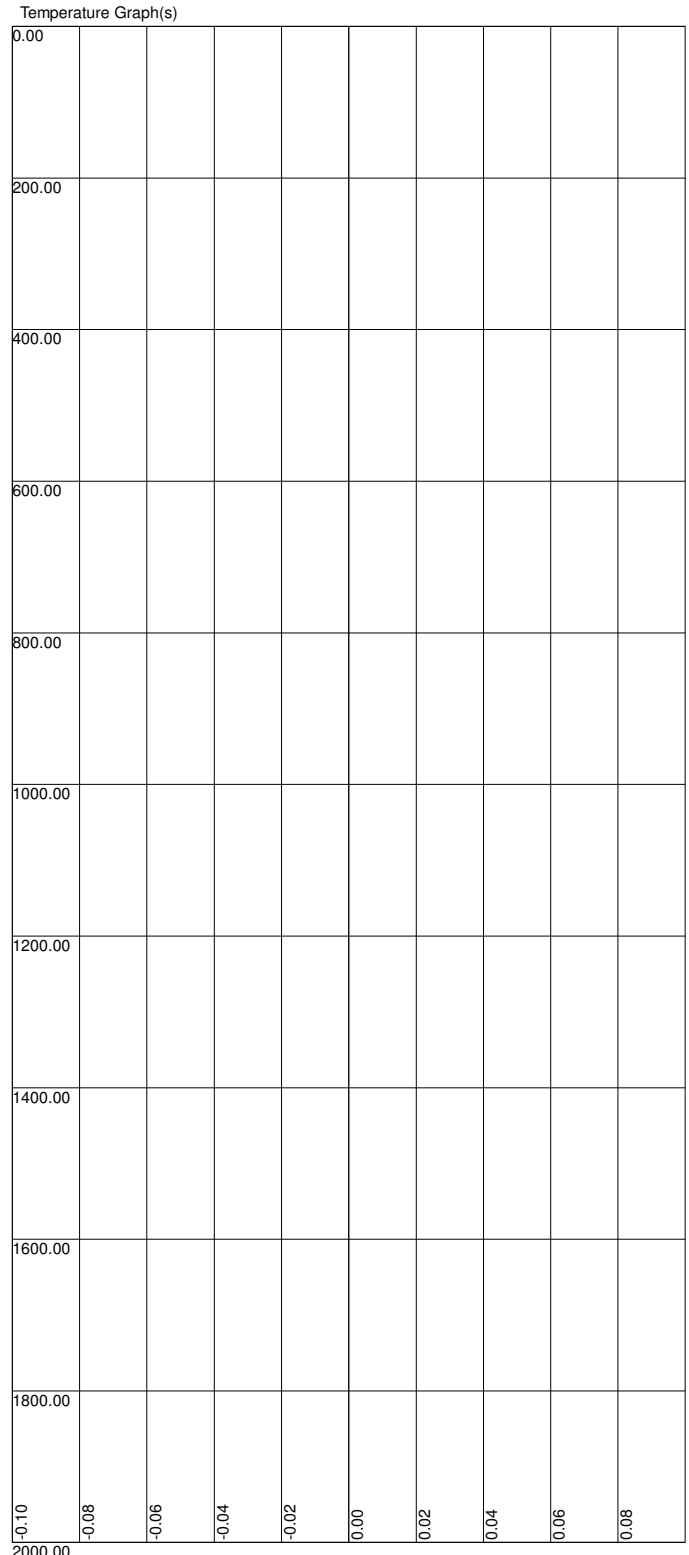
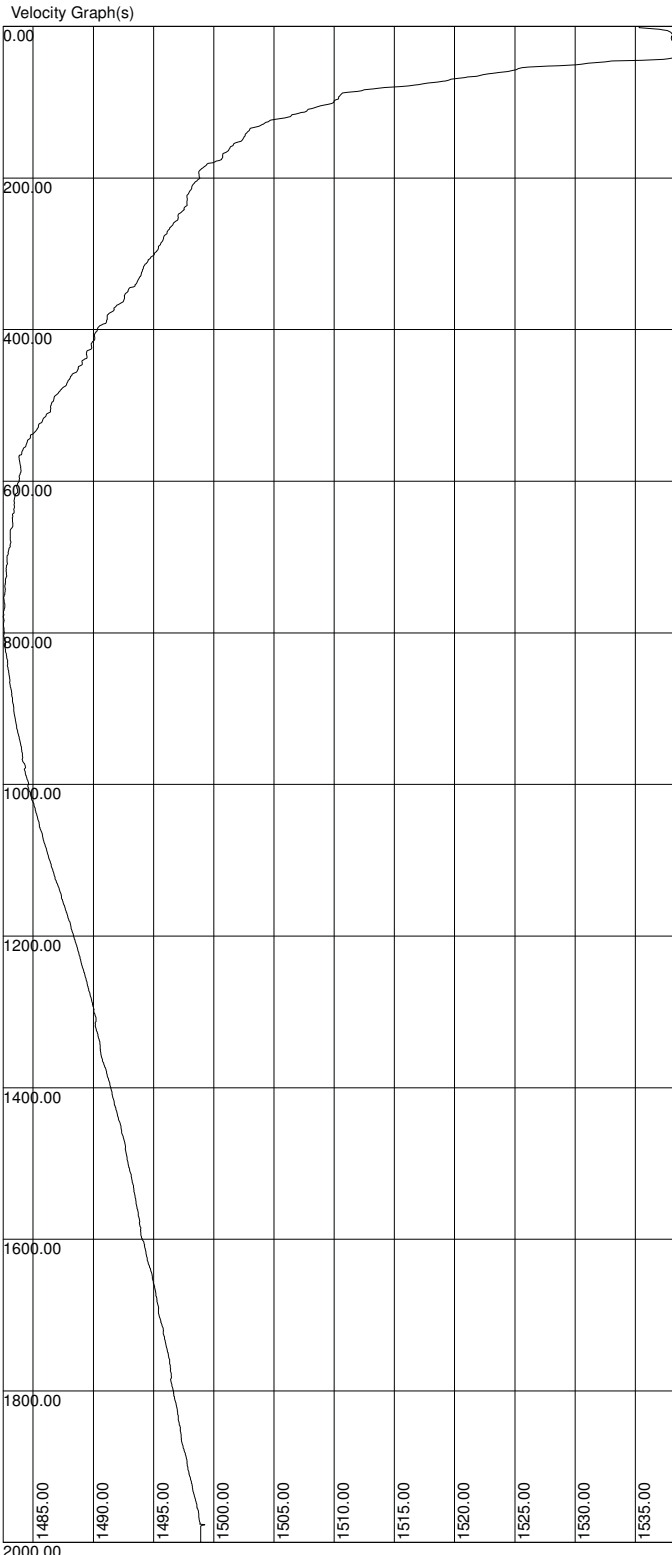
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XSV-02	S/N, Calibration Date : 063353, 05/16/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0101642_down.vel	0.00	2000.00	1482.53	1538.40	1492.58	10.168	1537.41	0.00	0.00	0.00	0.000	0.00

Profile	Date	Time	Easting	Northing
F0101642_down.vel	01/10/2017	14:33	6005150.000	452970.000



Surveyor	Date : 10/Jan/2017	Checked	Date :
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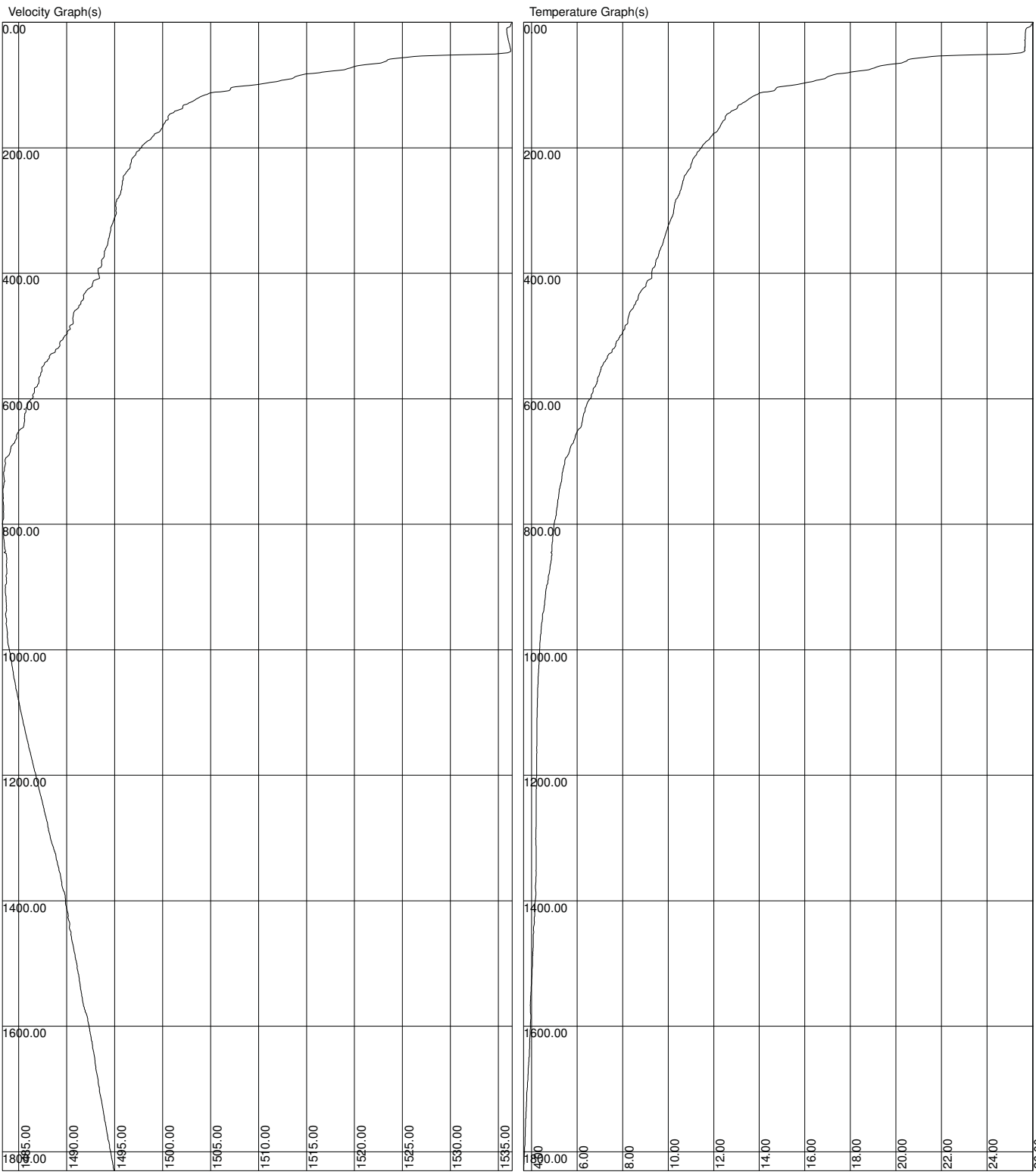
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XSV-02	S/N, Calibration Date : 063353, 05/16/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0111415_down.vel	0.00	1830.50	1483.32	1536.43	1491.76	10.125	1536.28	3.65	26.03	6.86	4.636	25.94

Profile	Date	Time	Easting	Northing
F0111415_down.vel	01/11/2017	12:08	6247338.000	374195.000



Surveyor	Date : 11/Jan/2017	Checked	Date :
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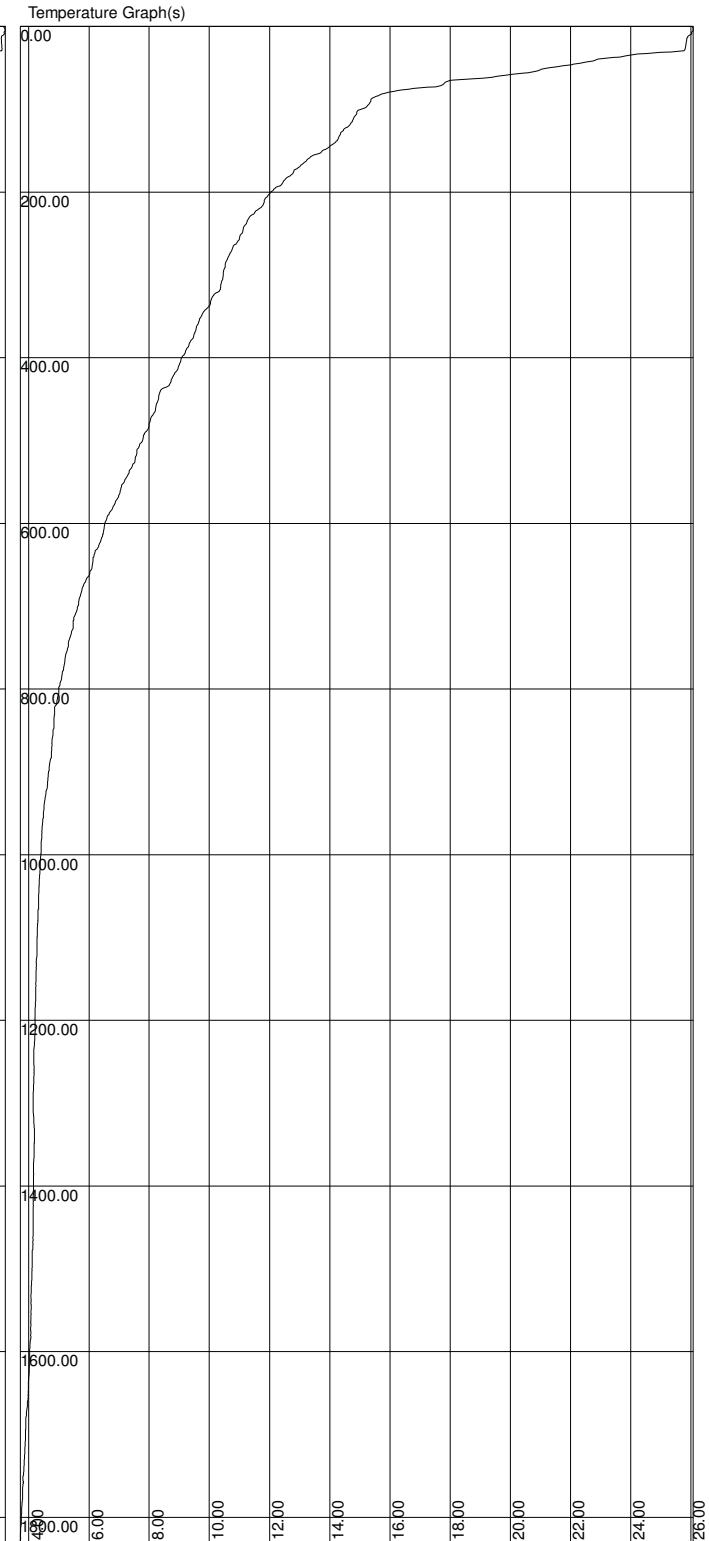
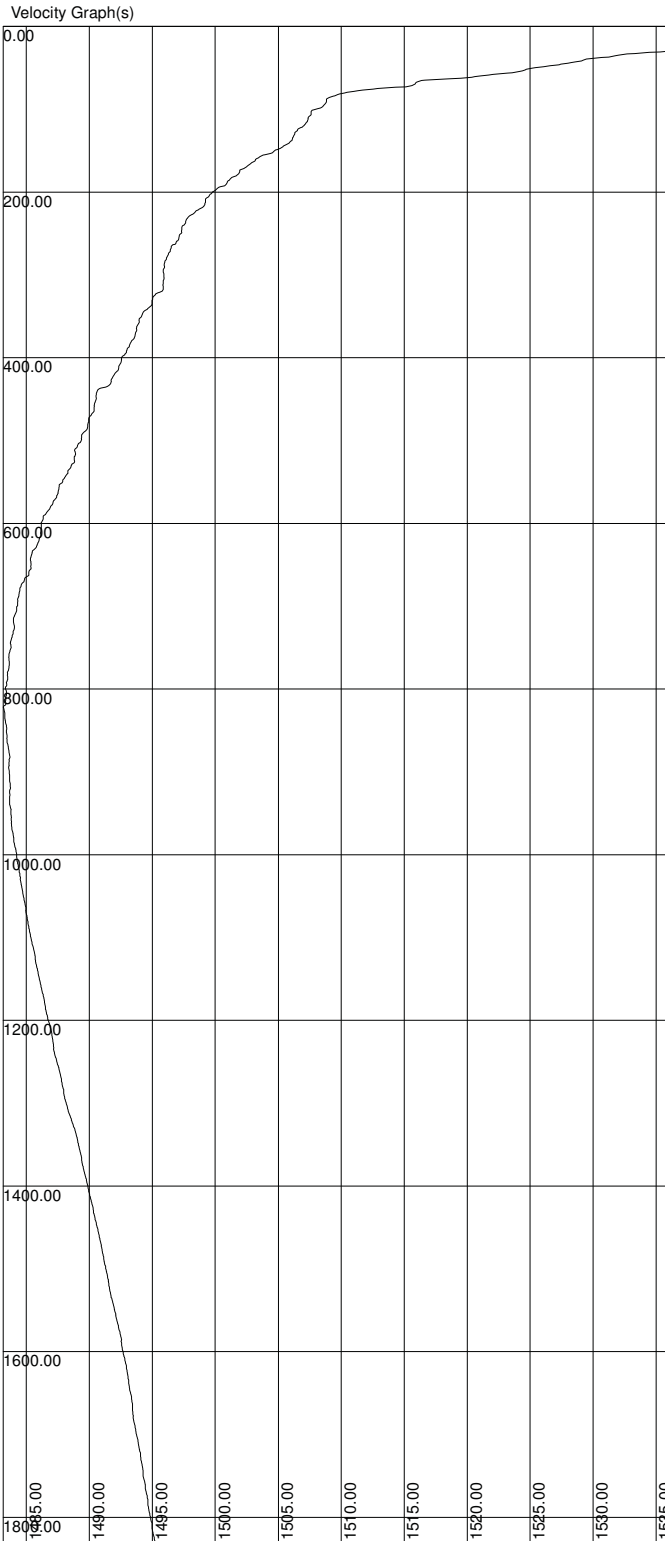
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T5	S/N, Calibration Date : 380093, 07/07/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0121421_down.vel	0.70	1830.50	1483.17	1536.60	1491.87	9.764	1536.59	3.72	26.08	6.88	4.506	26.07

Profile	Date	Time	Easting	Northing
F0121421_down.vel	01/12/2017	12:15	6341090.000	358665.000



Surveyor	Date : 12/Jan/2017	Checked	Date :
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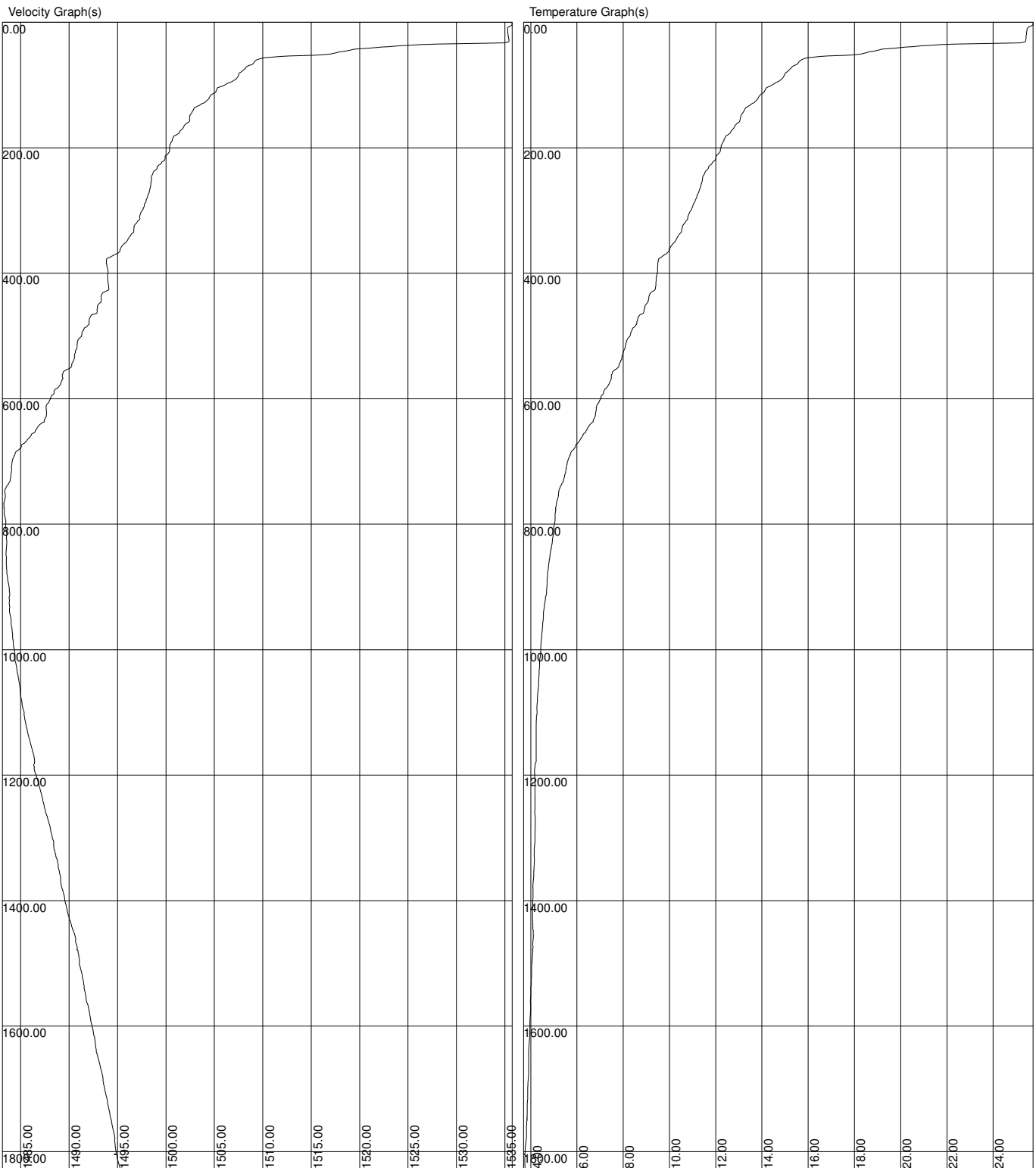
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T5	S/N, Calibration Date : 380093, 07/07/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0131431_down.vel	0.00	1830.50	1483.13	1535.75	1491.93	8.979	1535.71	3.69	25.73	6.88	4.291	25.70

Profile	Date	Time	Easting	Northing
F0131431_down.vel	13/01/2017	12:23	6597761.000	259706.000



Surveyor	Date : 13/Jan/2017	Checked	Date :
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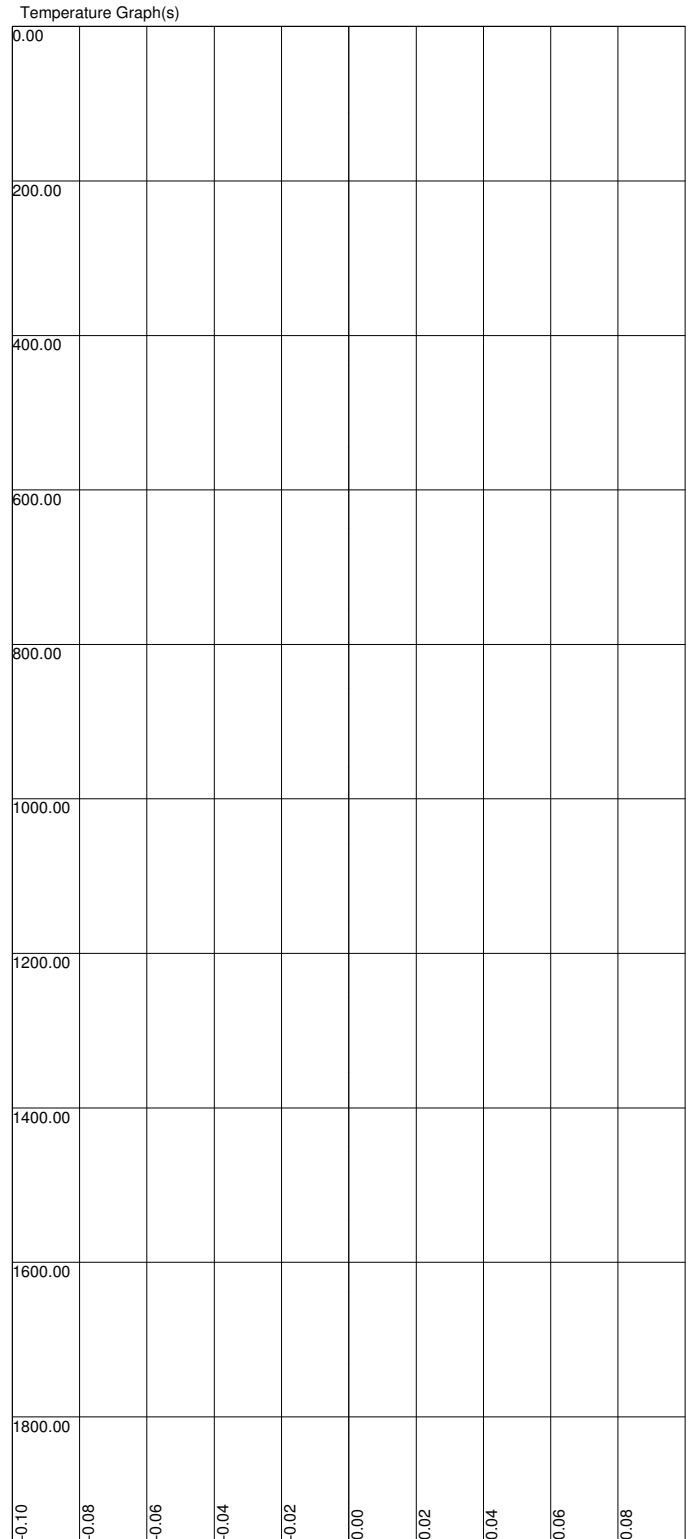
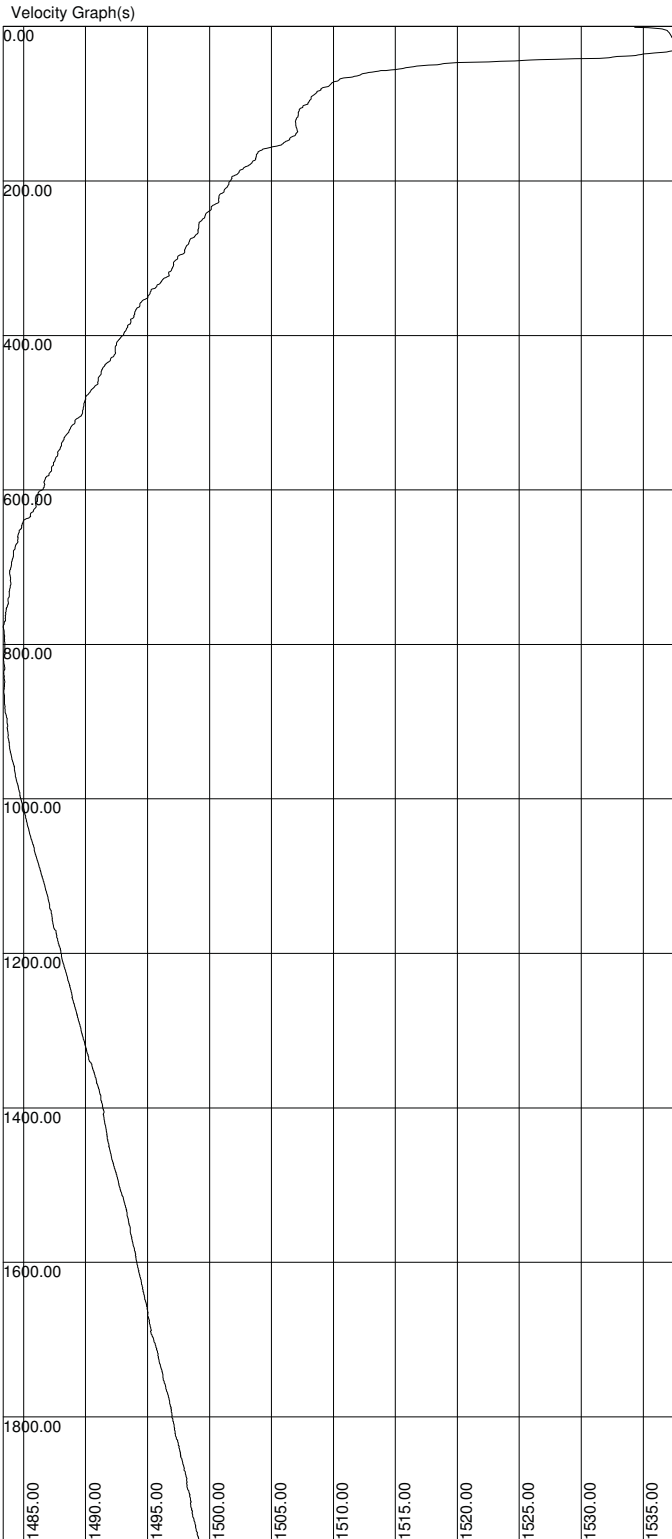
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XSV-02	S/N, Calibration Date : 063344, 16/05/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0140857_down.vel	1.10	1962.50	1483.37	1537.66	1492.91	9.070	1536.87	0.00	0.00	0.00	0.000	0.00

Profile	Date	Time	Easting	Northing
F0140857_down.vel	14/01/2017	08:56	6799823.000	233845.000



Surveyor	Date : 17/Jan/2017	Checked	Date :
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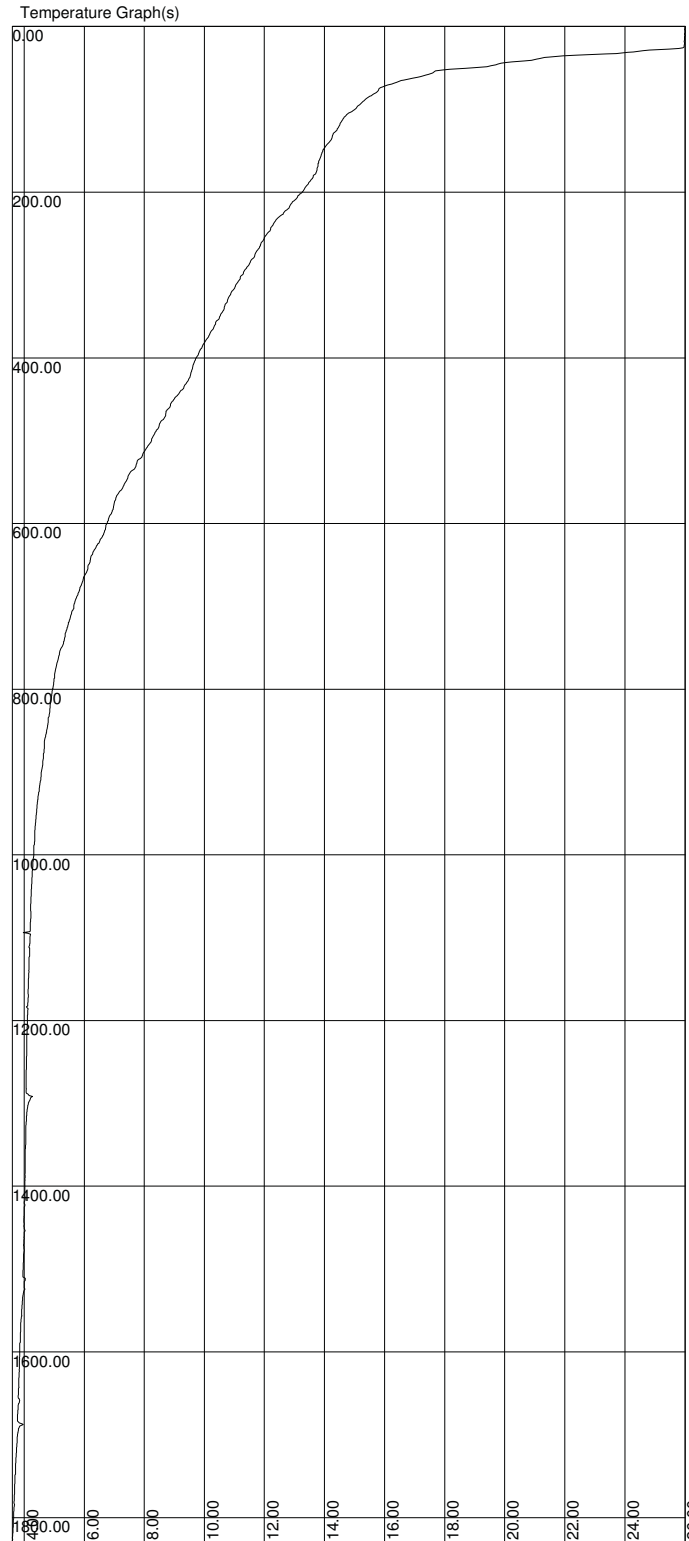
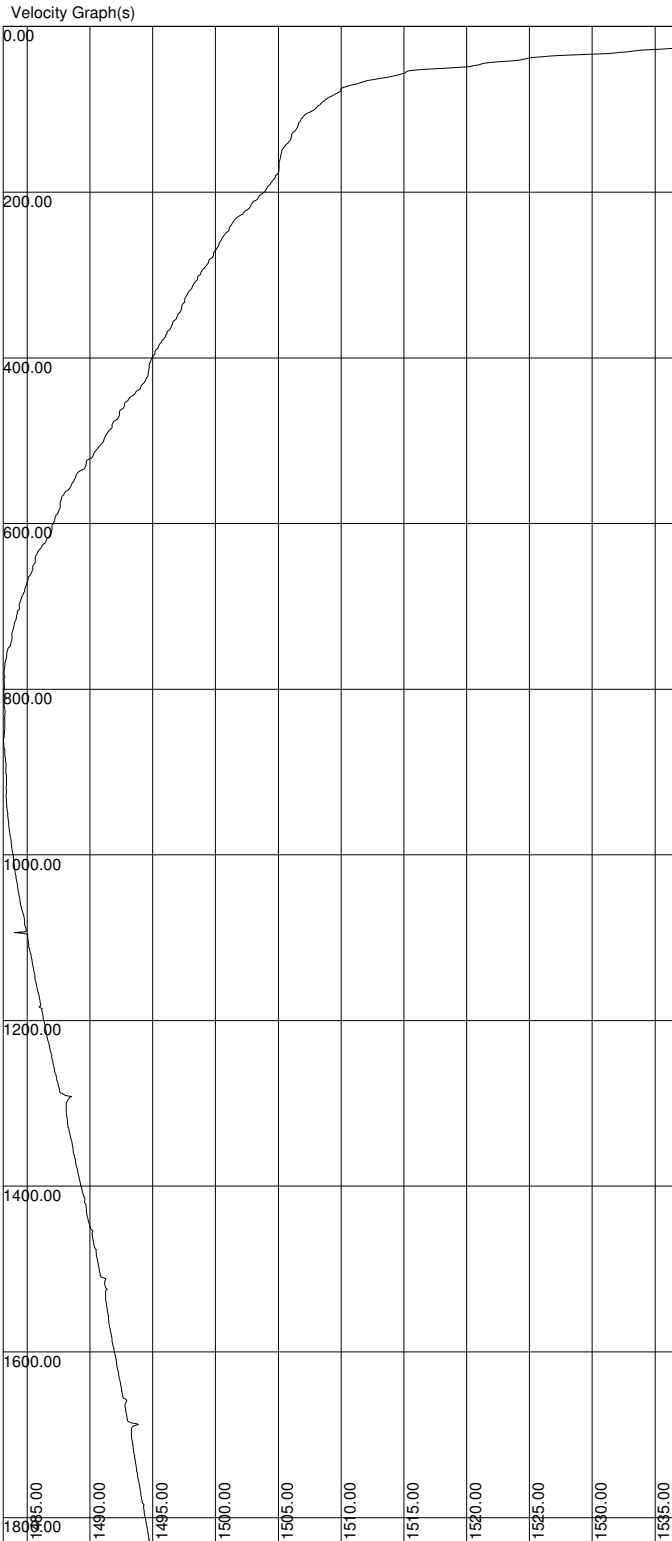
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T5	S/N, Calibration Date : 380053, 07/06/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0150839_down.vel	0.00	1830.00	1483.10	1536.69	1492.06	9.663	1536.43	3.61	26.01	6.93	4.528	26.01

Profile	Date	Time	Easting	Northing
F0150839_down.vel	15/01/2017	08:38	7110652.000	202988.000



Surveyor	Date : 17/Jan/2017	Checked	Date :
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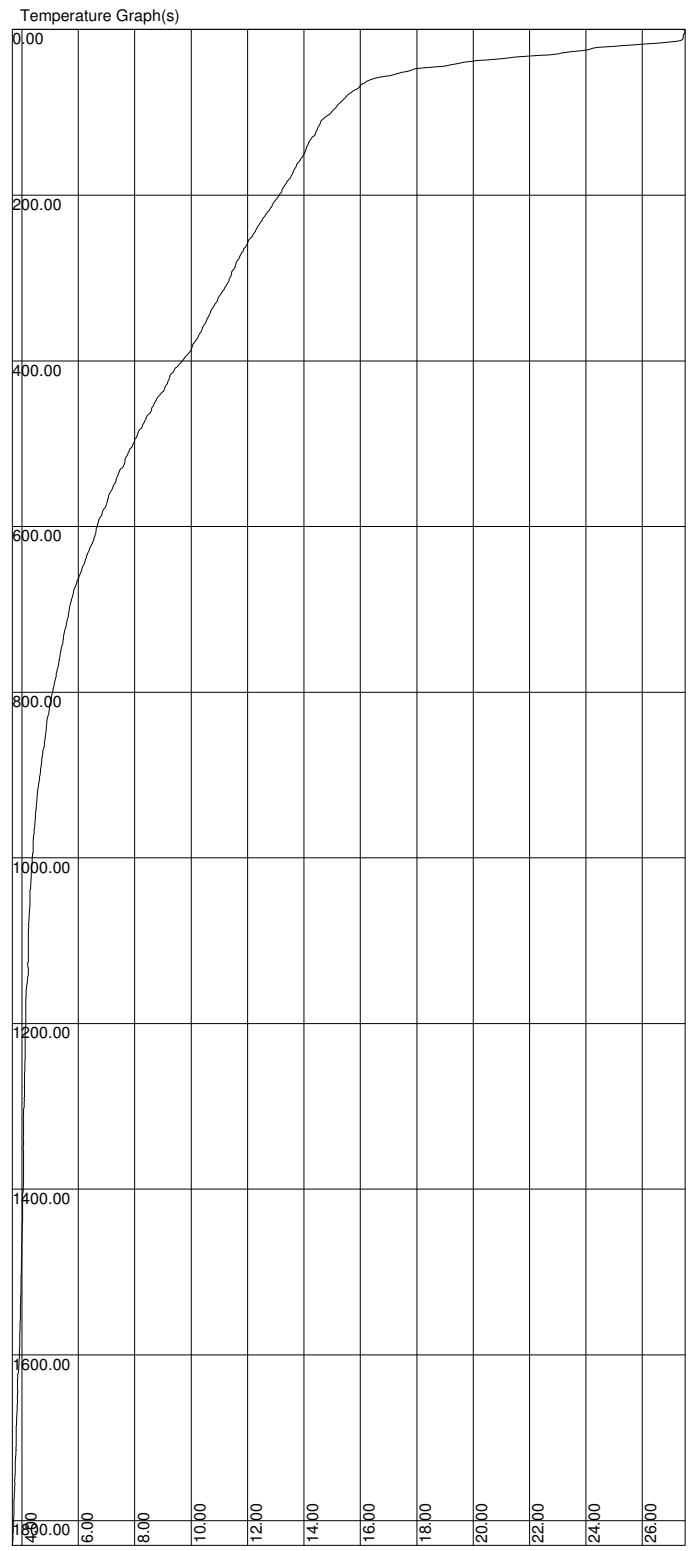
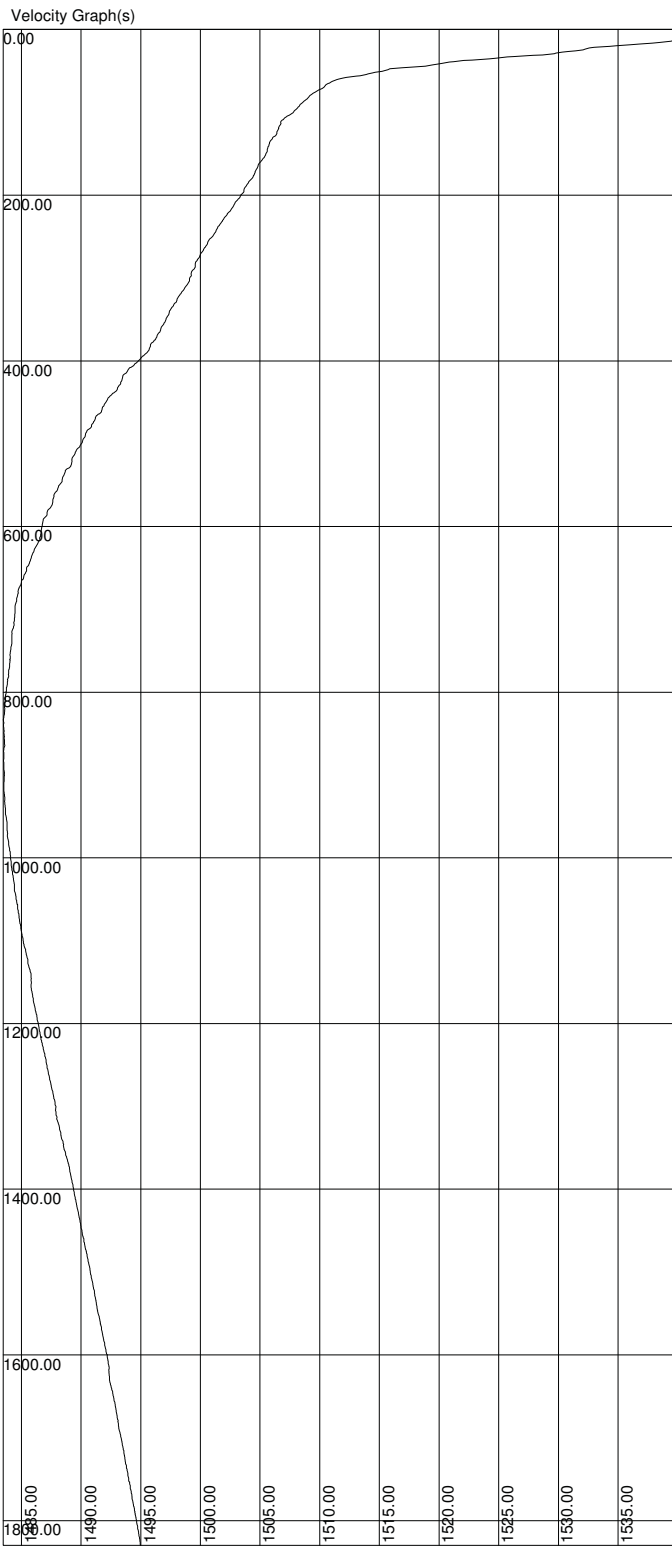
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T5	S/N, Calibration Date : 380060, 07/06/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0161000_down.vel	0.70	1830.00	1483.48	1539.88	1492.02	9.452	1539.80	3.66	27.52	6.92	4.460	27.47

Profile	Date	Time	Easting	Northing
F0161000_down.vel	16/01/2017	09:58	7428600.000	169077.000



Surveyor	Date : 17/Jan/2017	Checked	Date :
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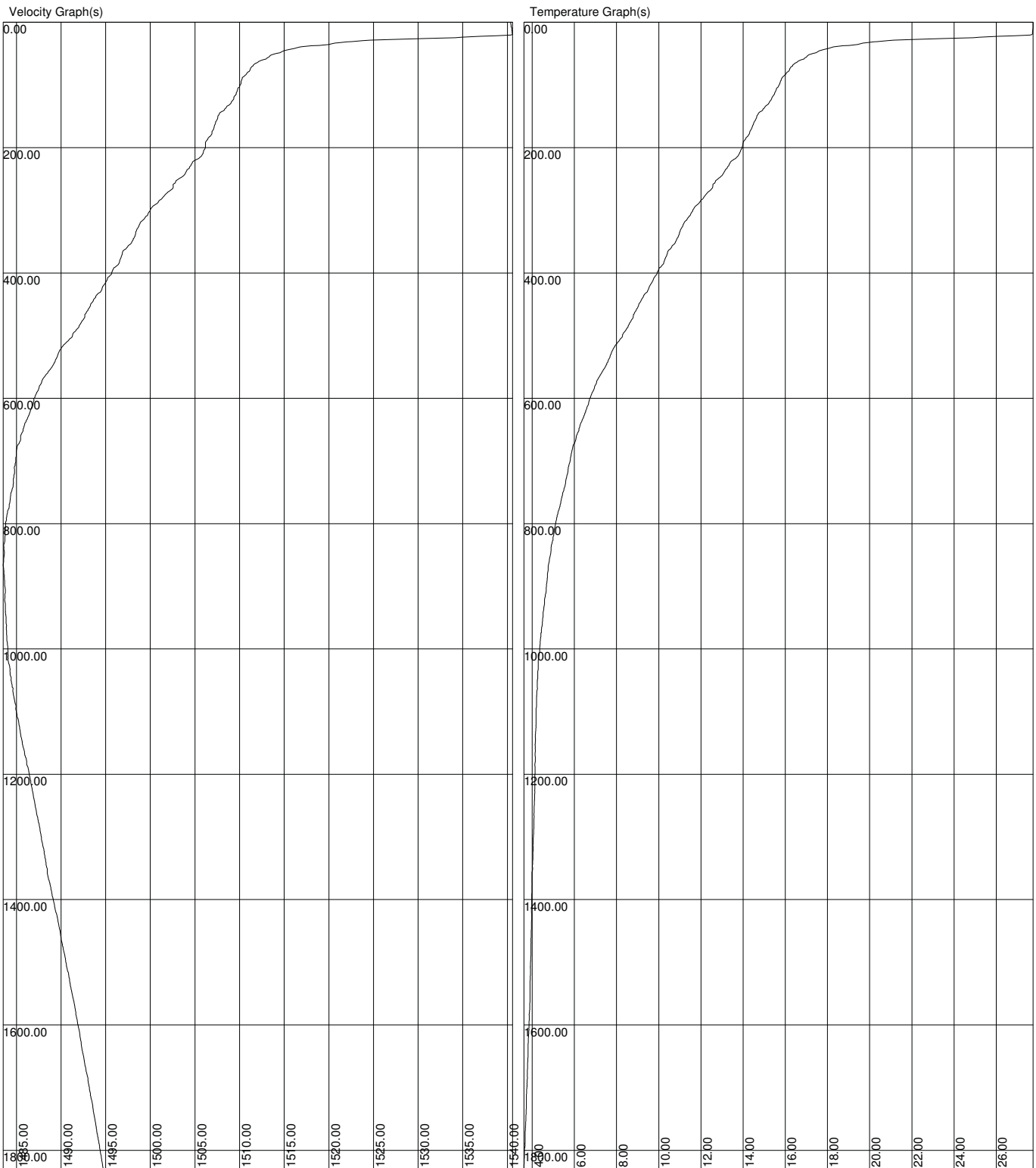
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T5	S/N, Calibration Date : 380057, 07/06/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0170918_down.vel	0.70	1830.00	1483.53	1540.57	1492.41	9.815	1540.41	3.61	27.75	7.03	4.619	27.75

Profile	Date	Time	Easting	Northing
F0170918_down.vel	17/01/2017	09:17	7623060.000	147679.000



Surveyor	Date : 17/Jan/2017	Checked	Date :
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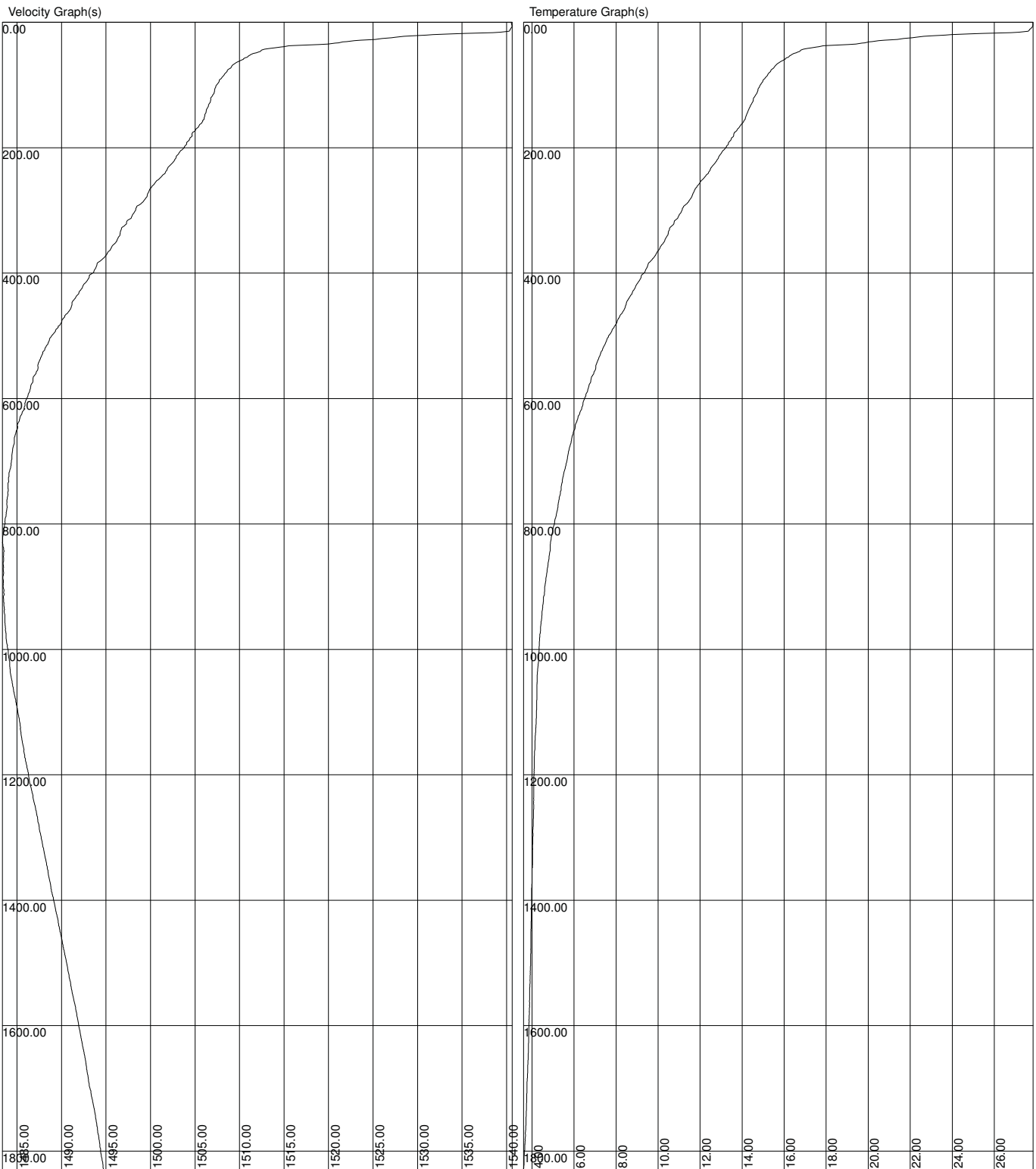
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T5	S/N, Calibration Date : 380056, 07/06/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0171717_down.vel	0.70	1830.50	1483.37	1540.62	1491.64	9.191	1540.61	3.60	27.83	6.81	4.352	27.83

Profile	Date	Time	Easting	Northing
F0171717_down.vel	17/01/2017	15:09	7724250.000	136780.000



Surveyor	Date : 17/Jan/2017	Checked	Date :
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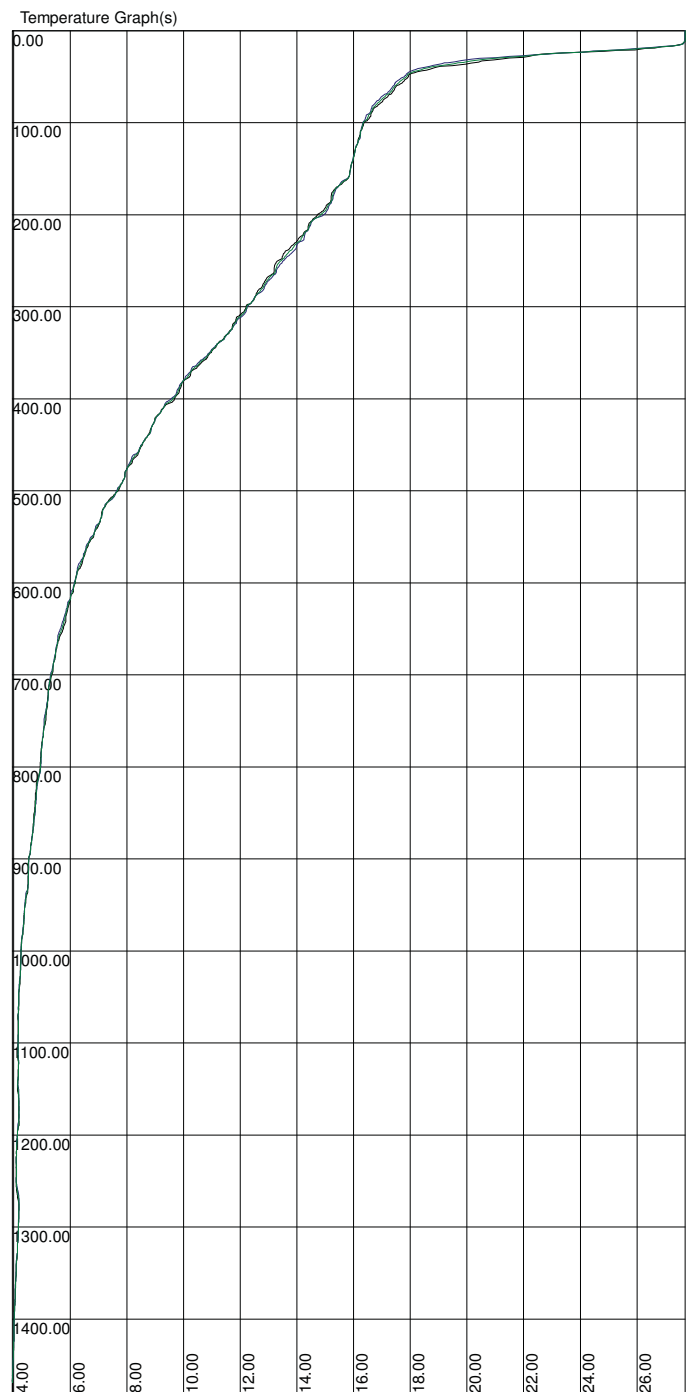
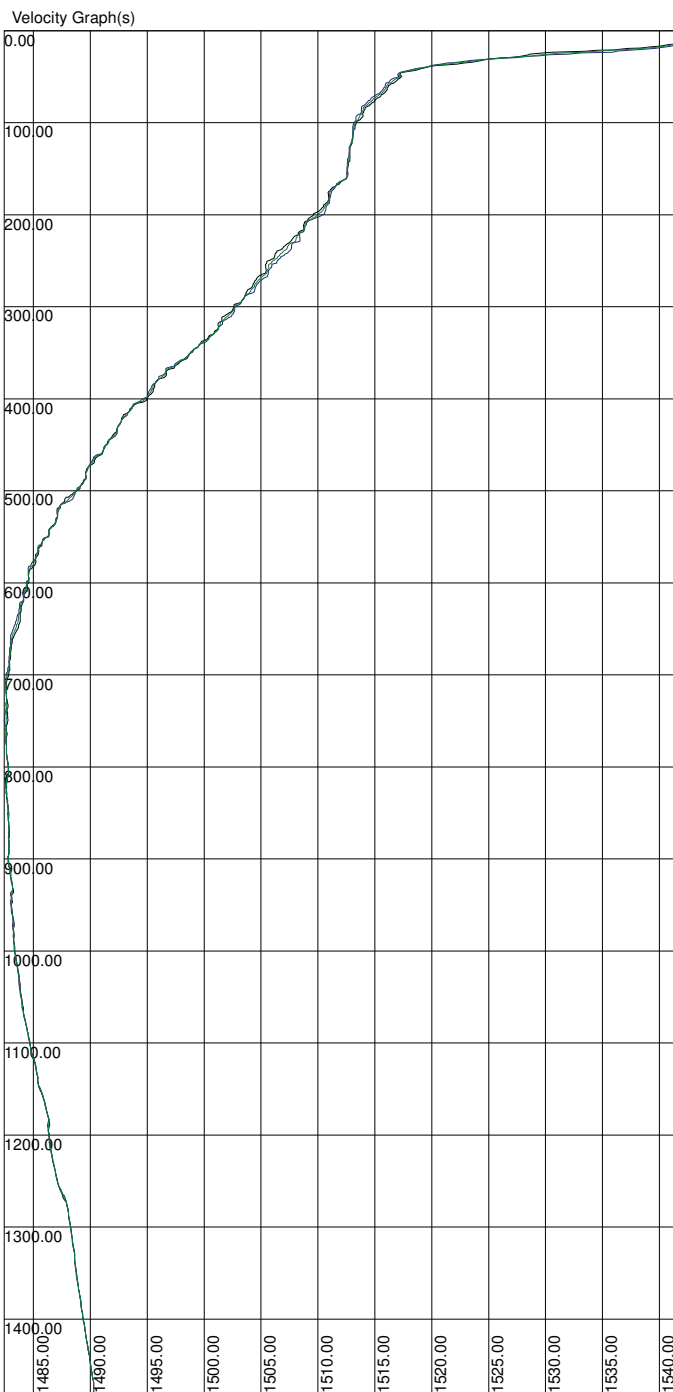
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650	S/N, Calibration Date : USPC-0020, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0262310_down.vel	0.00	1483.00	1482.55	1541.57	1492.37	12.218	1541.47	3.96	27.70	7.79	5.045	27.69
F0262310_up.vel	0.00	1469.00	1482.45	1541.47	1492.40	12.372	1541.35	3.96	27.68	7.82	5.038	27.68
M0262309.vel	0.00	1469.00	1482.58	1541.50	1492.40	12.322	1541.41	3.96	27.69	7.83	5.046	27.69

Profile	Date	Time	Easting	Northing
F0262310_down.vel	26/01/2017	23:09	8024083.110	128144.830
F0262310_up.vel	26/01/2017	23:09	8024083.110	128144.830
M0262309.vel	26/01/2017	23:09	8024083.110	128144.830



Surveyor	Date : 26/Jan/2017	Checked	Date :
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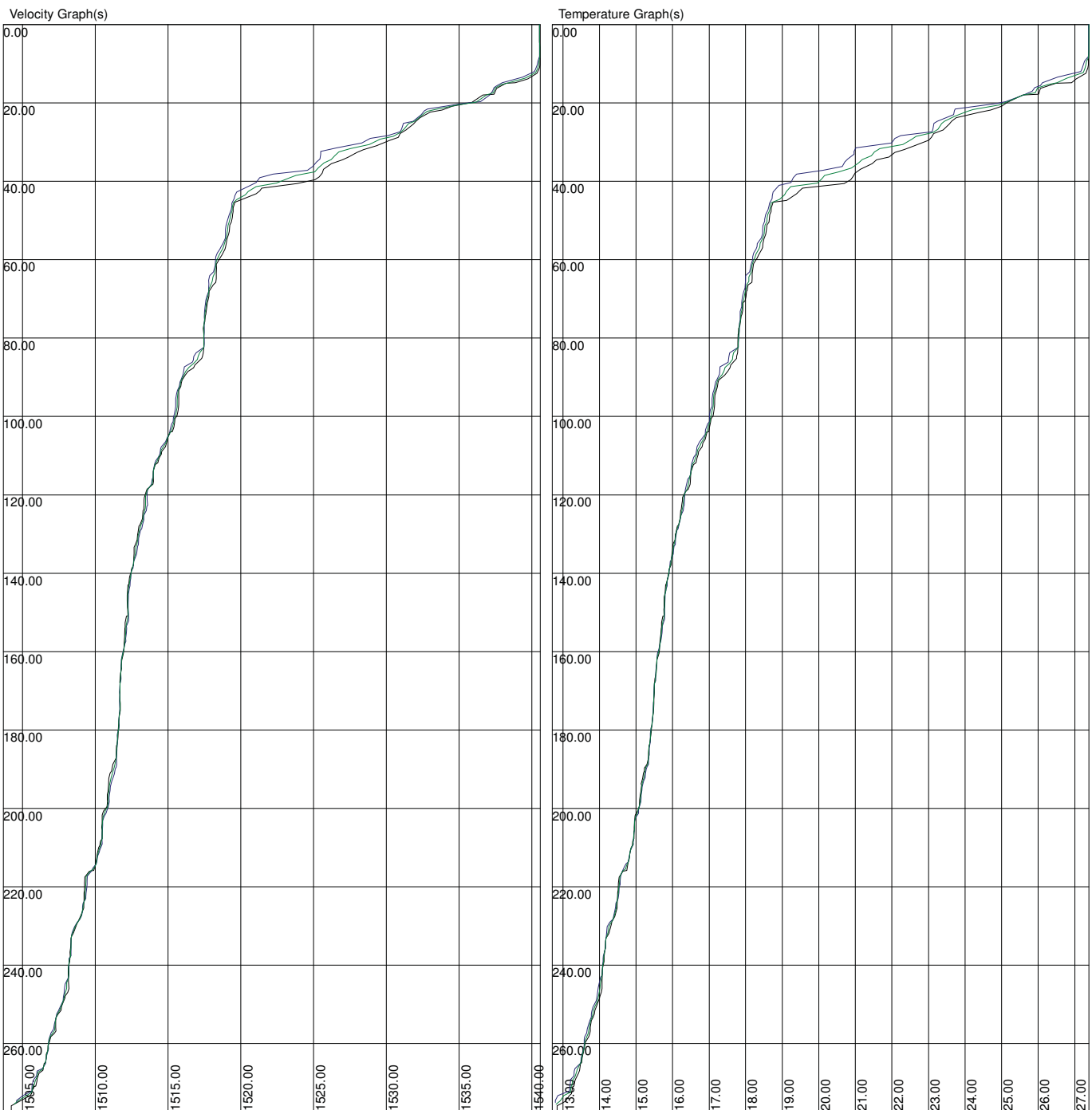
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650	S/N, Calibration Date : USPC-0020, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0290749_down.vel	0.00	277.65	1504.16	1540.57	1515.64	8.848	1540.54	12.84	27.39	17.14	3.603	27.39
F0290749_up.vel	0.00	275.90	1503.70	1540.55	1515.59	8.675	1540.52	12.79	27.38	17.07	3.497	27.38
M0290710.vel	0.00	275.90	1504.42	1540.54	1515.65	8.747	1540.53	12.82	27.39	17.12	3.545	27.39

Profile	Date	Time	Easting	Northing
F0290749_down.vel	29/01/2017	07:10	8064623.080	142490.820
F0290749_up.vel	29/01/2017	07:10	8064623.080	142490.820
M0290710.vel	29/01/2017	07:10	8064623.080	142490.820



Surveyor	Date : 29/Jan/2017	Checked	Date :
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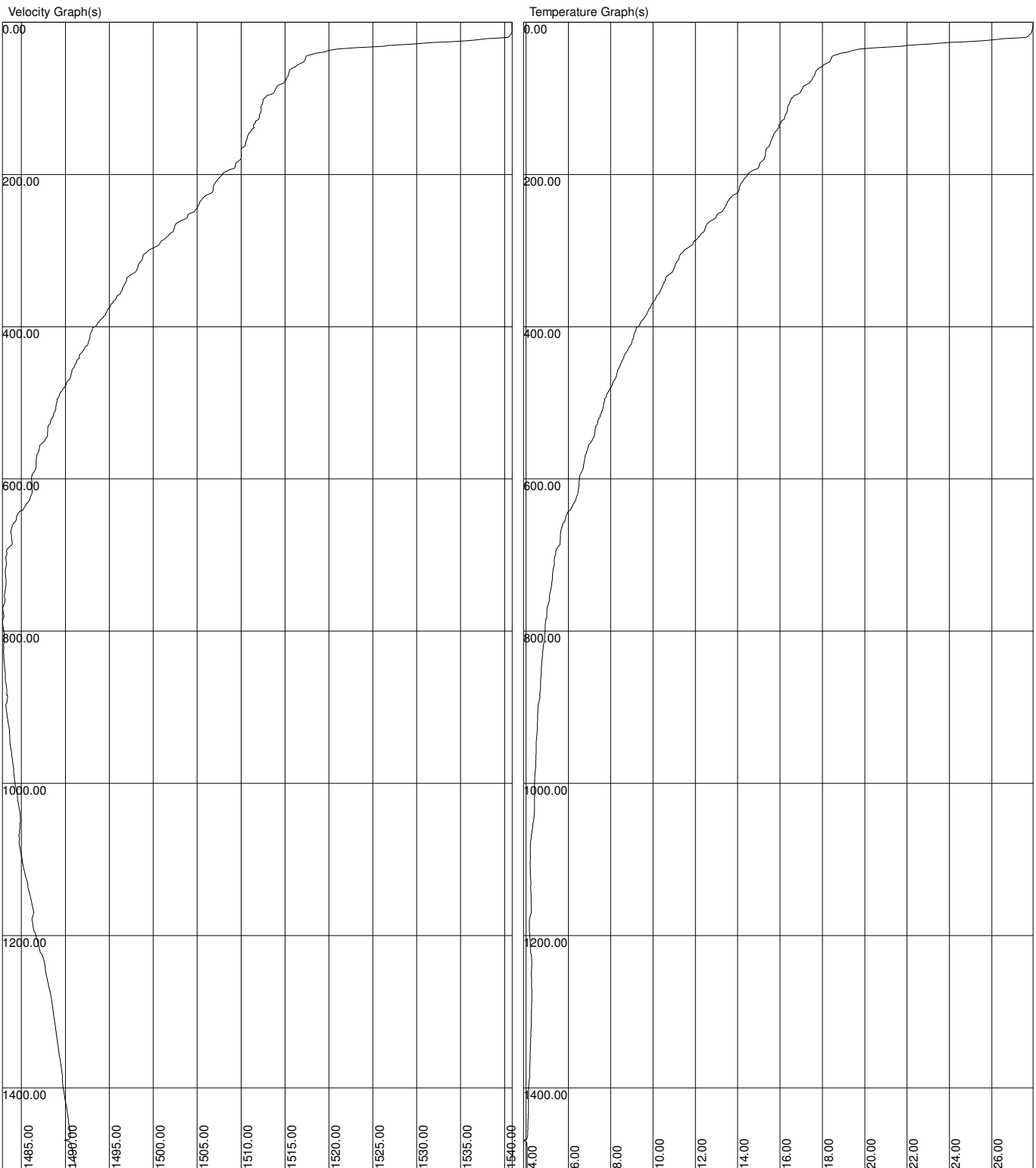
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT T5	S/N, Calibration Date : 380052, 07/06/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0291714_down.vel	0.00	1508.80	1482.85	1540.86	1492.39	11.583	1540.82	3.89	27.95	7.77	5.017	27.93

Profile	Date	Time	Easting	Northing
F0291714_down.vel	29/01/2017	17:03	8027127.840	127719.720



Surveyor	Date : 29/Jan/2017	Checked	Date :
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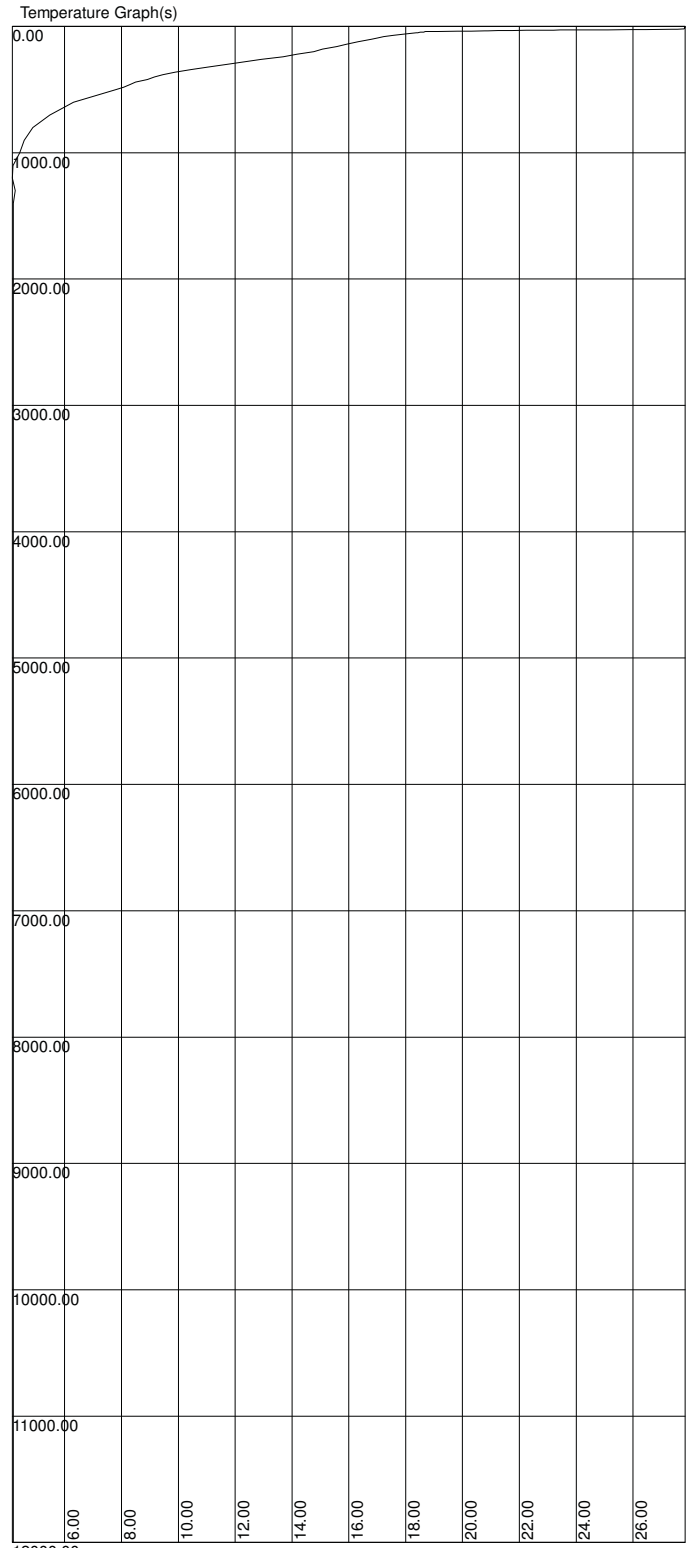
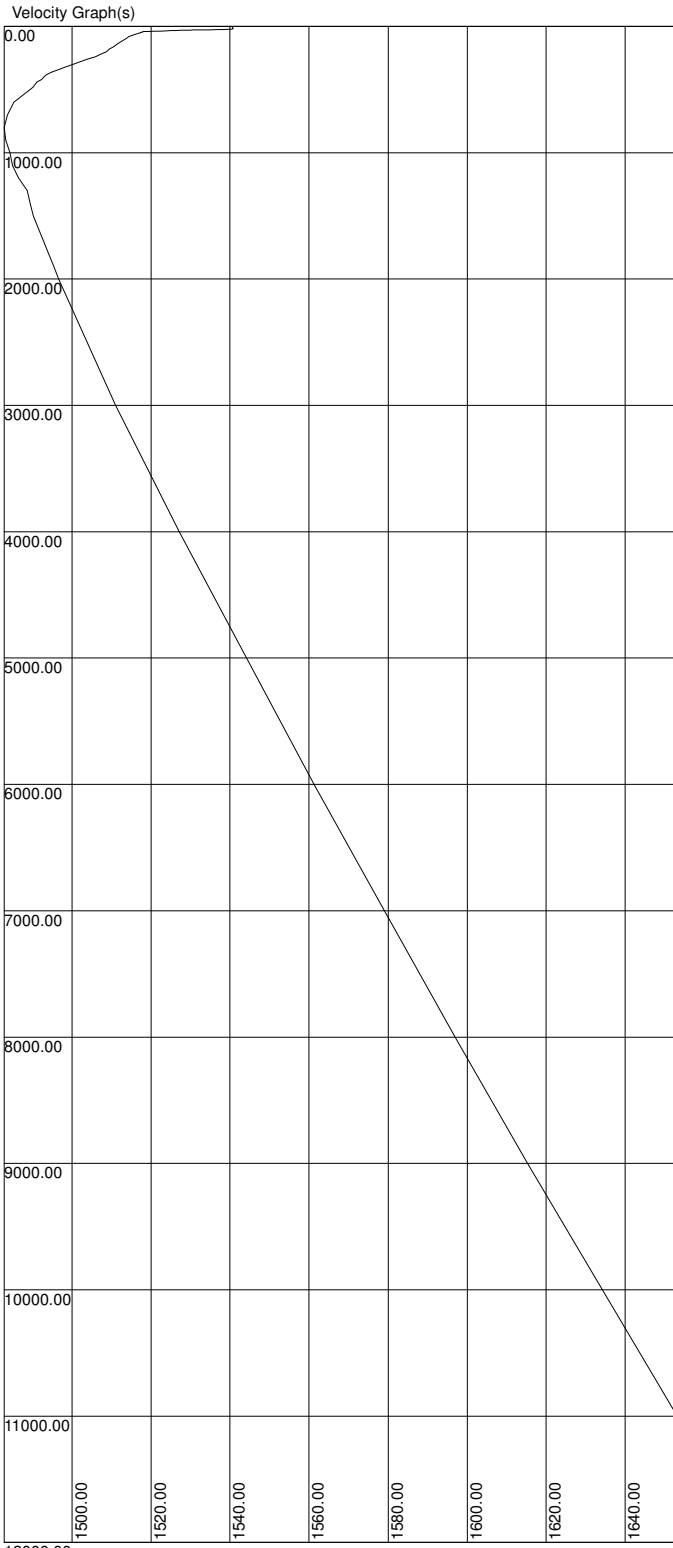
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT T5	S/N, Calibration Date : 380055, 07/06/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0302159_down.vel	0.70	12000.00	1482.90	1653.15	1523.56	32.233	1540.60	4.16	27.84	16.37	8.915	27.83

Profile	Date	Time	Easting	Northing
F0302159_down.vel	30/01/2017	21:59	8032687.230	129628.580



Surveyor	Date : 30/Jan/2017	Checked	Date :
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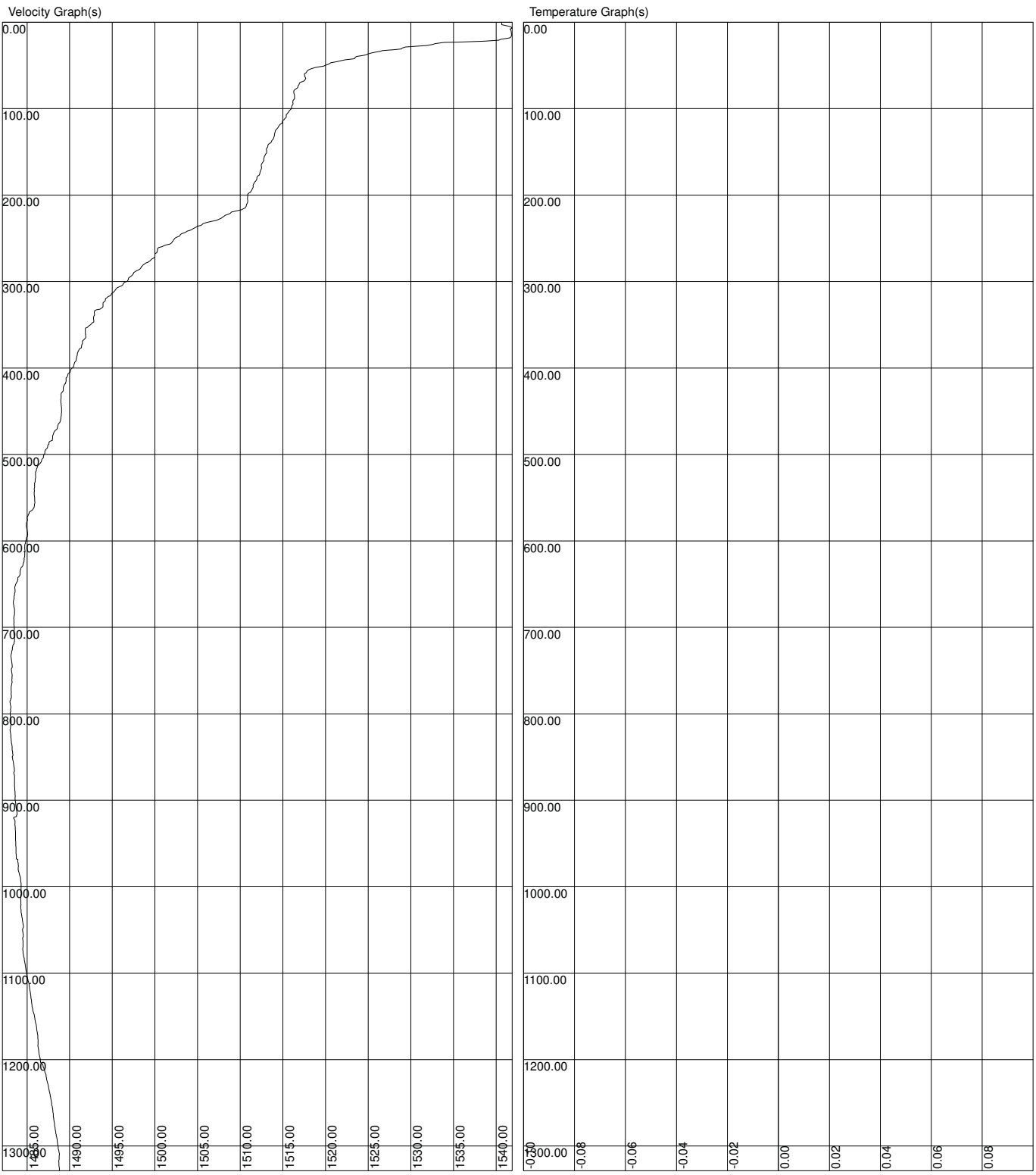
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XSV-02	S/N, Calibration Date : 063346, 05/16/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0311756_down.vel	0.00	1328.70	1482.13	1541.87	1492.31	12.974	1541.54	0.00	0.00	0.00	0.000	0.00

Profile	Date	Time	Easting	Northing
F0311756_down.vel	31/01/2017	17:56	8043958.010	133780.020



Surveyor	Date : 31/Jan/2017	Checked	Date :
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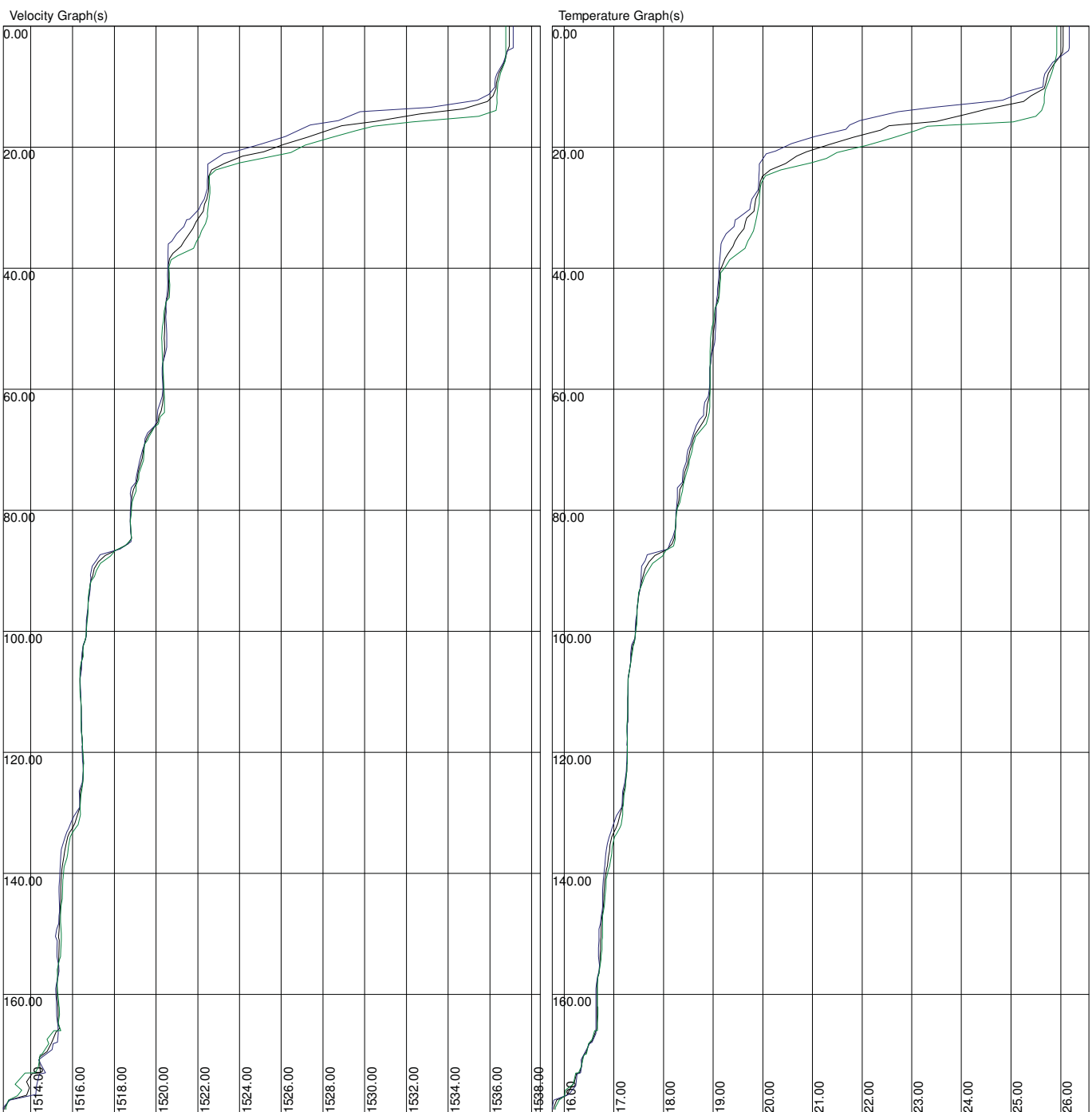
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650	S/N, Calibration Date : USPC-0020, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
M0361323.vel	0.00	179.45	1512.74	1536.94	1519.59	5.863	1536.75	15.79	26.05	18.61	2.499	25.98
F0361324_up.vel	0.00	179.65	1512.69	1538.41	1519.48	5.733	1536.75	15.76	26.17	18.54	2.425	26.00
F0361324_down.vel	0.00	179.89	1512.78	1538.35	1519.70	6.013	1536.73	15.82	25.92	18.68	2.589	25.91

Profile	Date	Time	Easting	Northing
M0361323.vel	05/02/2017	13:23	8069297.400	142705.210
F0361324_up.vel	05/02/2017	13:23	8069297.400	142705.210
F0361324_down.vel	05/02/2017	13:23	8069297.400	142705.210



Surveyor	Date : 05/Feb/2017	Checked	Date :
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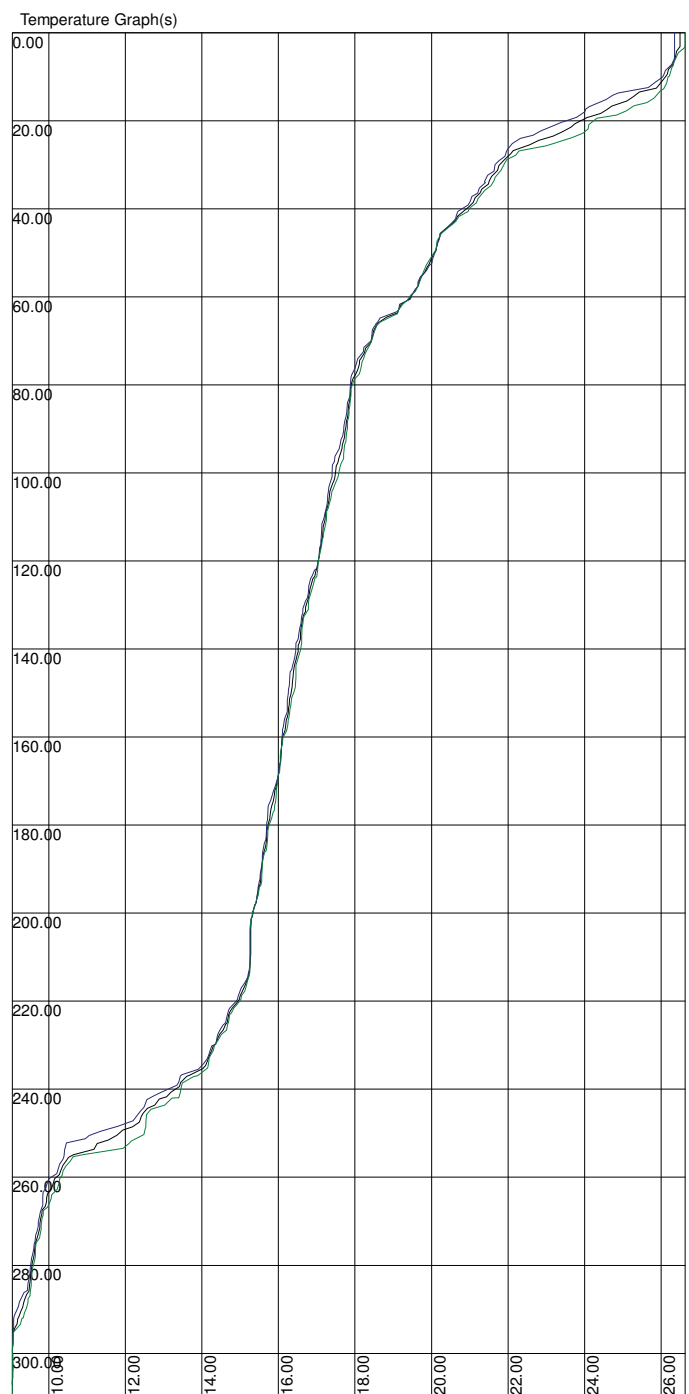
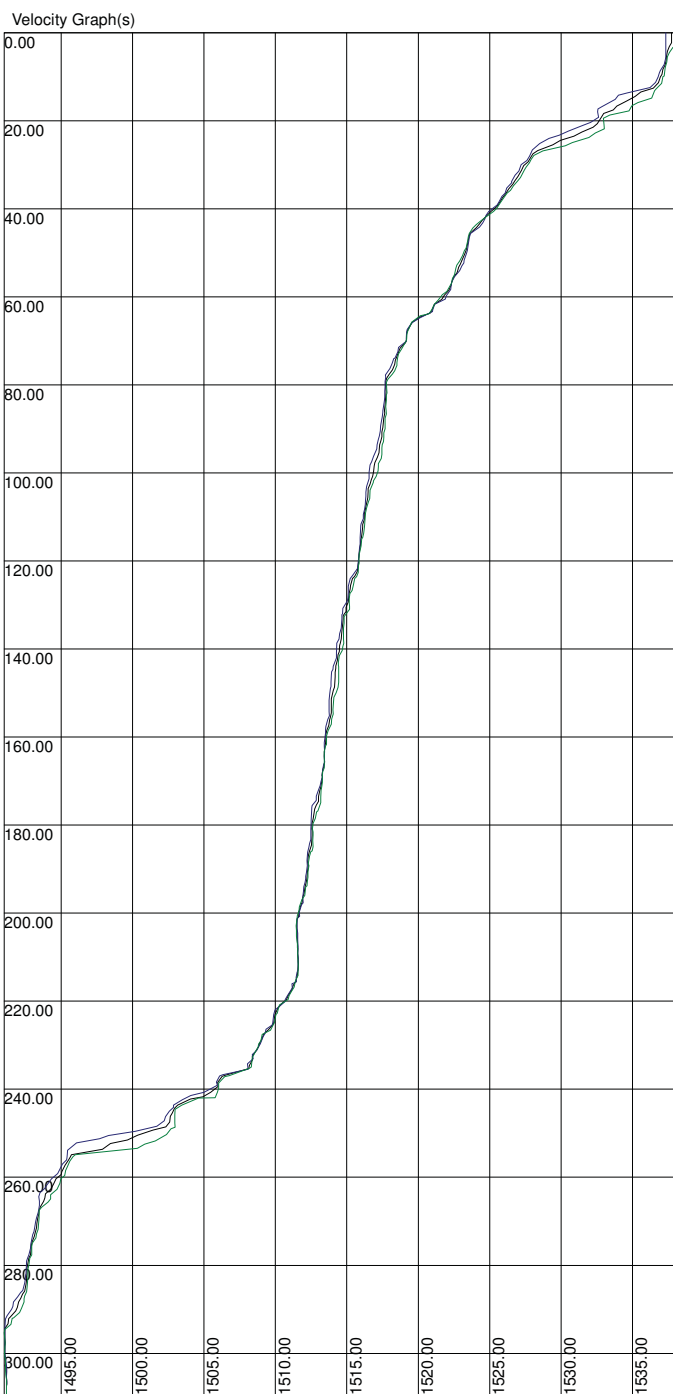
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650	S/N, Calibration Date : USPC-0020, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
	0.00	307.24	1491.05	1537.73	1512.78	11.930	1537.42	9.05	26.49	16.23	4.324	26.38
	0.00	307.00	1491.06	1537.32	1512.62	11.933	1537.32	9.05	26.35	16.15	4.306	26.35
	0.00	310.00	1491.02	1538.13	1512.72	12.068	1537.53	9.05	26.63	16.23	4.383	26.43

Profile	Date	Time	Easting	Northing
	01/02/2017	13:18	8063783.000	141739.000
	01/02/2017	13:18	8063783.000	141739.000
	01/02/2017	13:18	8063783.000	141739.000



Surveyor	Date : 01/Feb/2017	Checked	Date :
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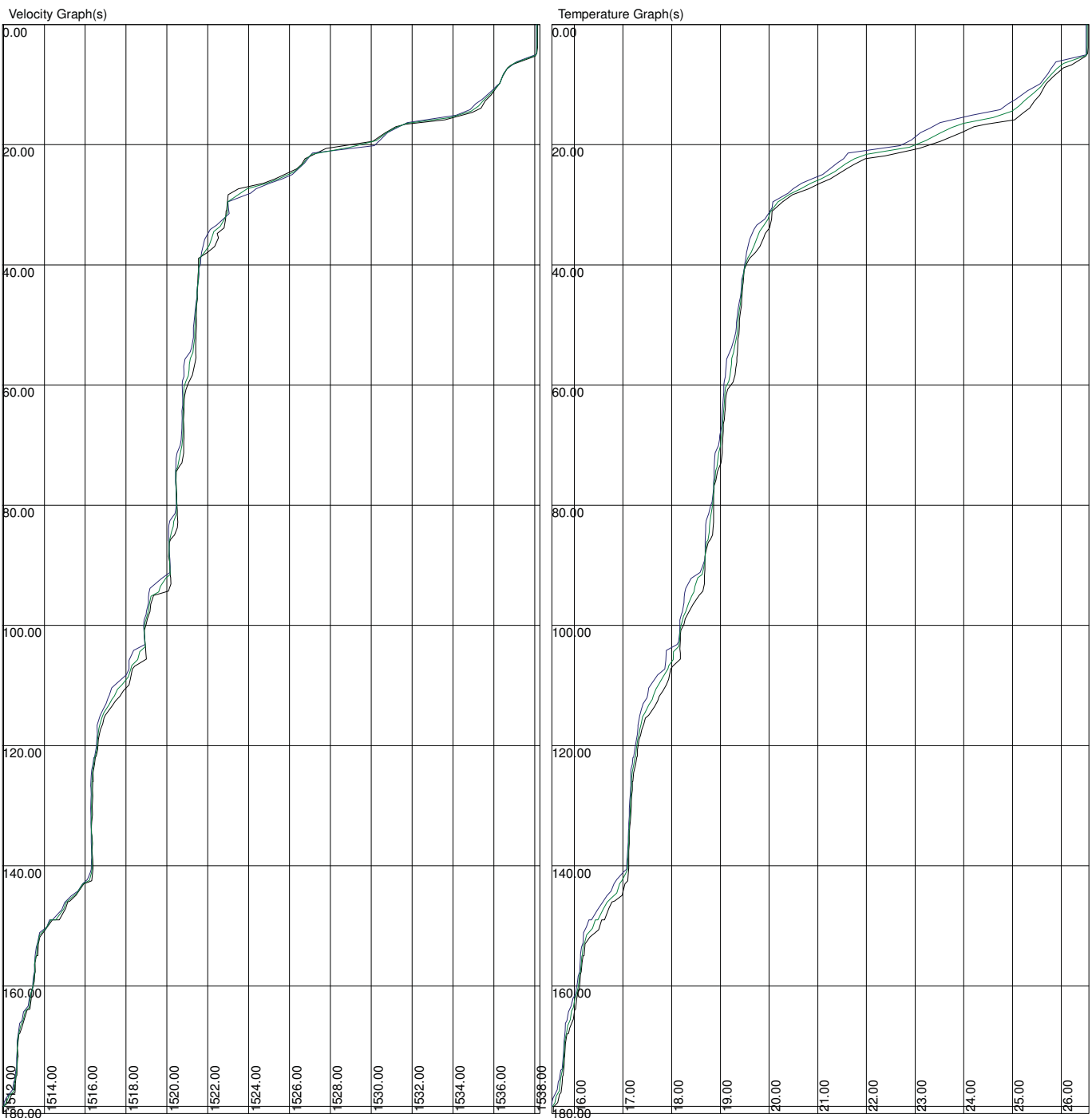
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650	S/N, Calibration Date : USPC-0020, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0351608_down.vel	0.00	181.22	1511.97	1538.25	1520.26	6.436	1537.97	15.57	26.55	18.93	2.782	26.51
F0351608_up.vel	0.00	180.13	1511.96	1538.18	1520.22	6.488	1537.95	15.54	26.52	18.81	2.709	26.42
M0351607.vel	0.00	180.13	1512.00	1538.12	1520.27	6.455	1537.96	15.56	26.53	18.88	2.743	26.47

Profile	Date	Time	Easting	Northing
F0351608_down.vel	04/02/2017	16:07	8068443.580	144194.560
F0351608_up.vel	04/02/2017	16:07	8068443.580	144194.560
M0351607.vel	04/02/2017	16:07	8068443.580	144194.560



Surveyor	Date : 04/Feb/2017	Checked	Date :
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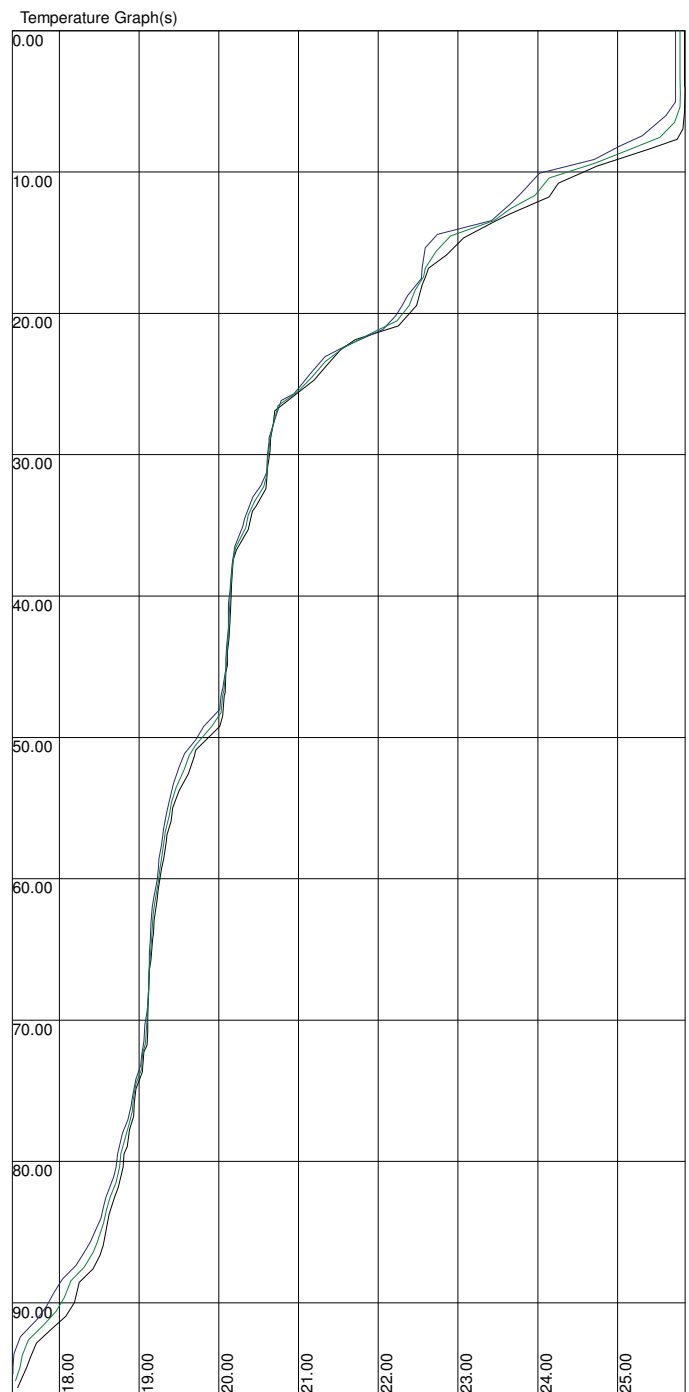
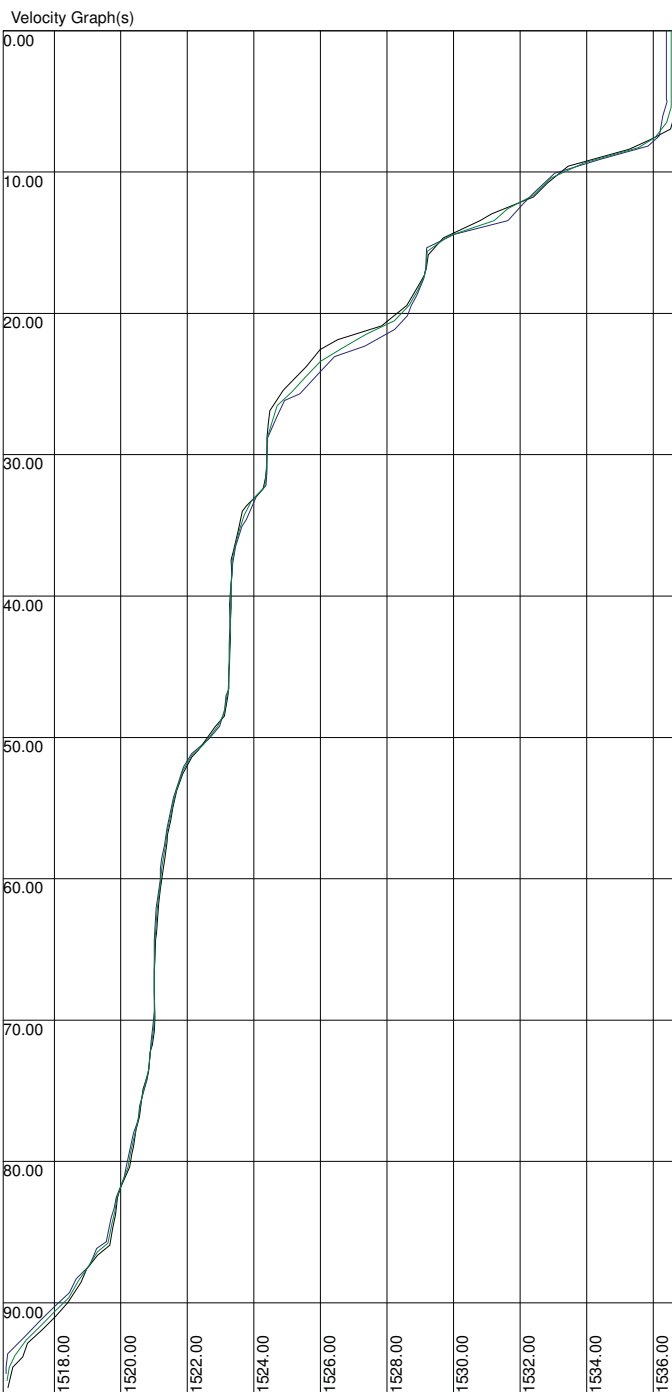
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650	S/N, Calibration Date : USPC-0020, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0371511_down.vel	0.00	96.55	1516.61	1536.69	1524.07	5.319	1536.63	17.48	25.85	20.52	2.283	25.84
F0371511_up.vel	0.00	95.51	1516.47	1536.41	1524.24	5.360	1536.38	17.42	25.73	20.47	2.250	25.71
M0371510.vel	0.00	95.51	1516.58	1536.54	1524.19	5.323	1536.50	17.45	25.79	20.51	2.261	25.77

Profile	Date	Time	Easting	Northing
F0371511_down.vel	06/02/2017	15:10	8084305.000	145566.010
F0371511_up.vel	06/02/2017	15:10	8084305.000	145566.010
M0371510.vel	06/02/2017	15:10	8084305.000	145566.010



Surveyor	Date : 06/Feb/2017	Checked	Date :
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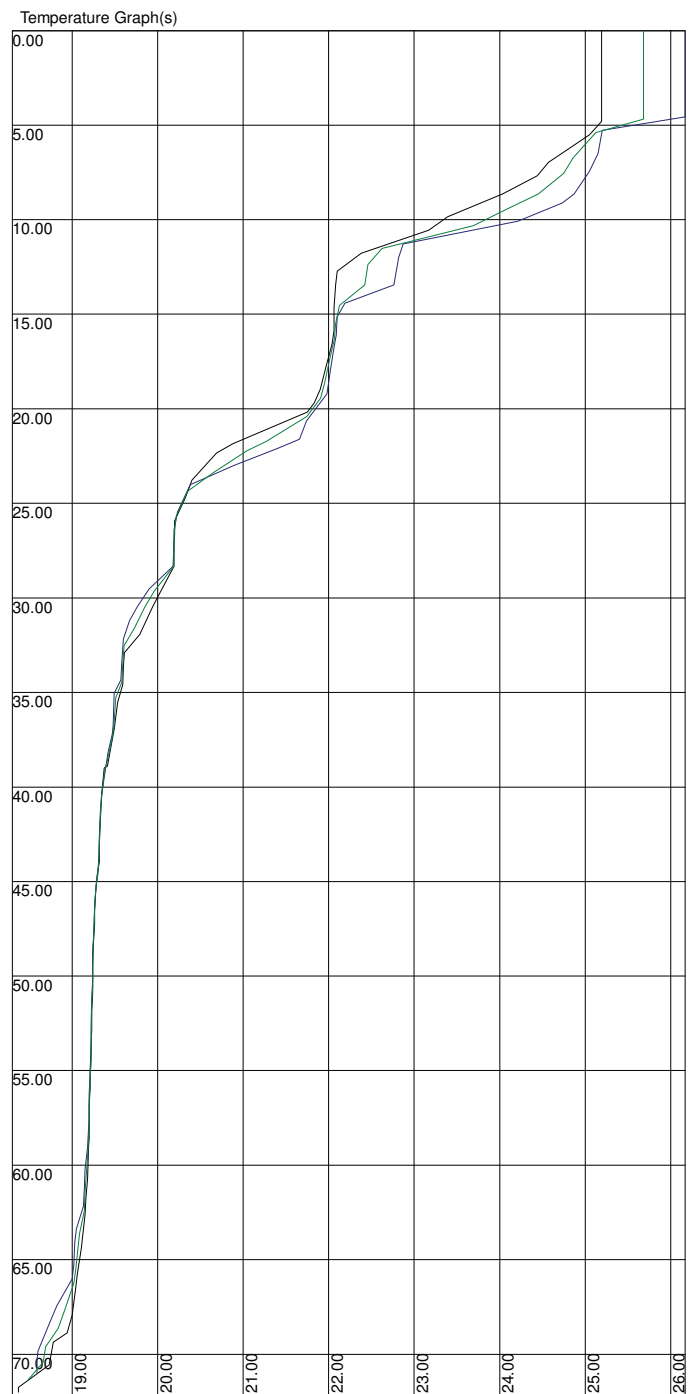
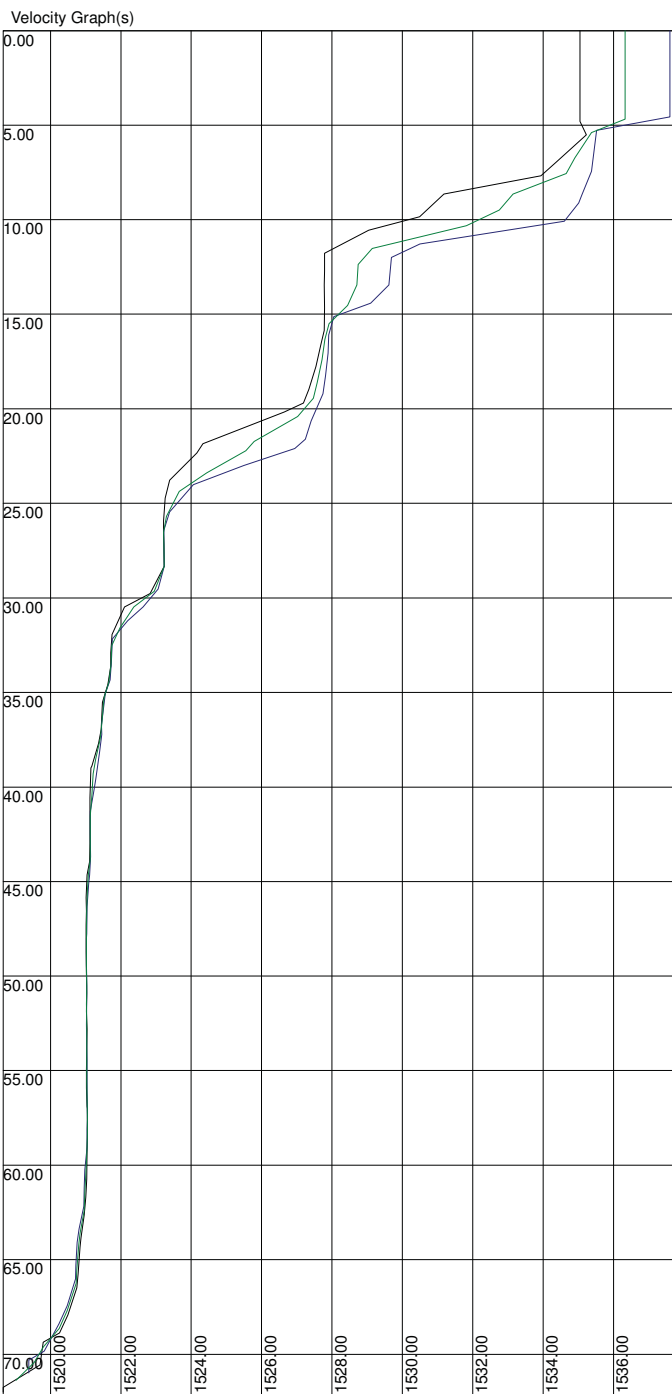
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650	S/N, Calibration Date : USPC-0020, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0381555_down.vel	0.00	72.18	1518.66	1536.59	1524.05	4.736	1534.99	18.37	25.19	20.55	1.995	25.13
F0381555_up.vel	0.00	71.76	1518.67	1537.78	1524.84	5.630	1537.11	18.59	26.17	20.76	2.308	25.94
M0381555.vel	0.00	71.76	1519.02	1536.33	1524.48	5.162	1536.10	18.48	25.68	20.68	2.150	25.55

Profile	Date	Time	Easting	Northing
F0381555_down.vel	07/02/2017	15:55	8093582.920	144904.900
F0381555_up.vel	07/02/2017	15:55	8093582.920	144904.900
M0381555.vel	07/02/2017	15:55	8093582.920	144904.900



Surveyor	Date : 07/Feb/2017	Checked	Date :
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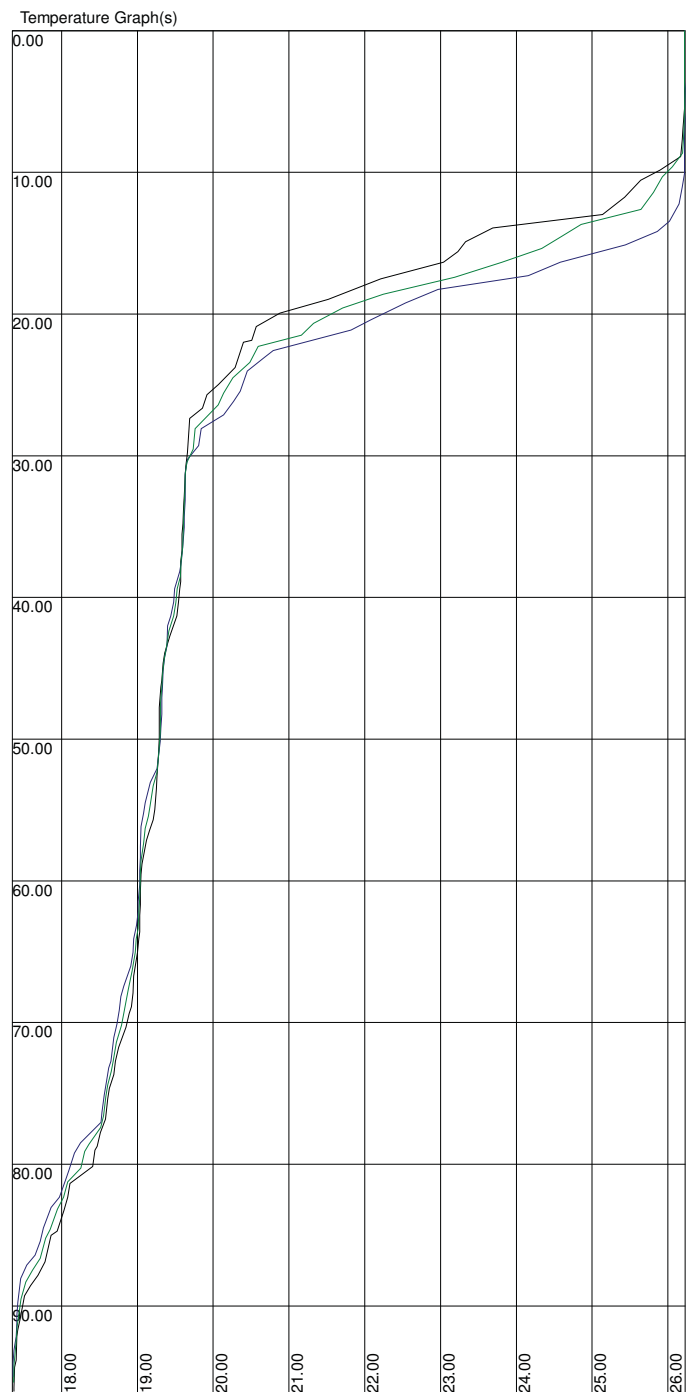
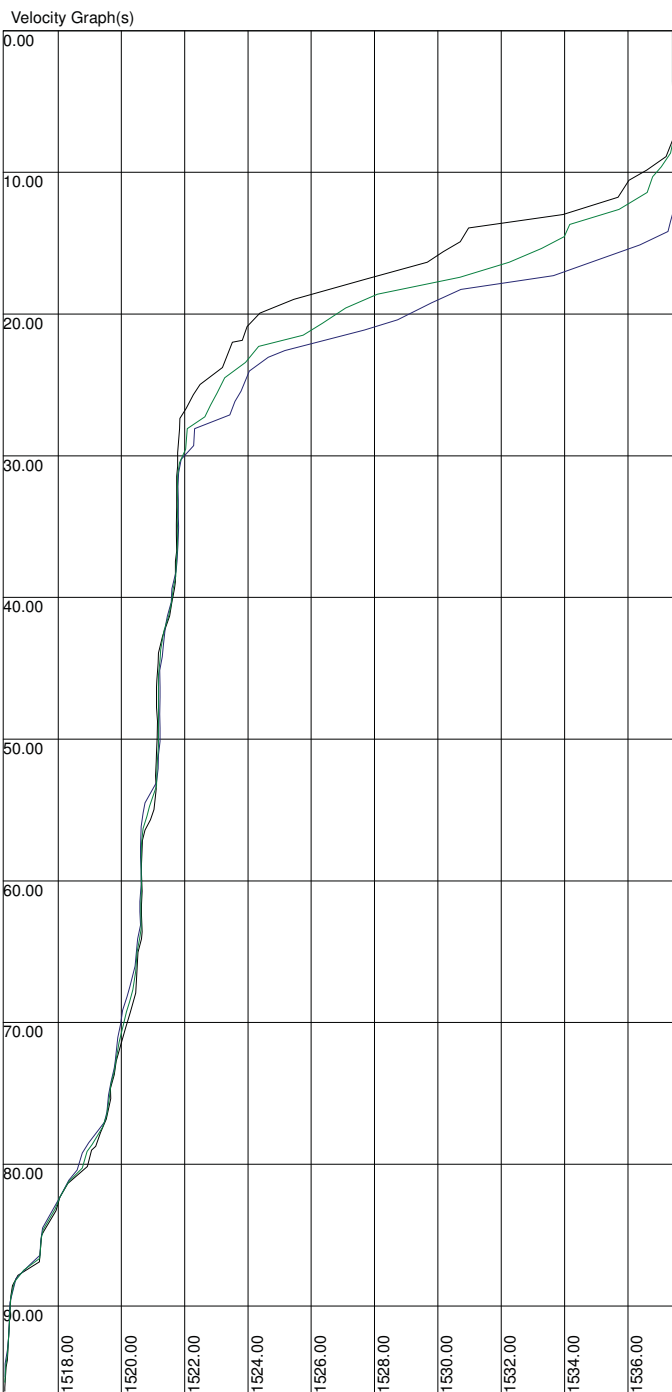
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : Valeport 650	S/N, Calibration Date : USPC-0020, 18/08/2015

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0392008_down.vel	0.00	96.31	1516.31	1537.44	1523.04	6.153	1537.42	17.37	26.22	20.15	2.611	26.22
F0392008_up.vel	0.00	95.75	1516.27	1537.53	1523.81	6.890	1537.44	17.36	26.23	20.38	2.884	26.23
M0392006.vel	0.00	95.75	1516.32	1537.46	1523.46	6.475	1537.43	17.37	26.23	20.28	2.735	26.22

Profile	Date	Time	Easting	Northing
F0392008_down.vel	08/02/2017	20:06	8085803.000	145139.000
F0392008_up.vel	08/02/2017	20:06	8085803.000	145139.000
M0392006.vel	08/02/2017	20:06	8085803.000	145139.000



Surveyor	Date : 08/Feb/2017	Checked	Date :
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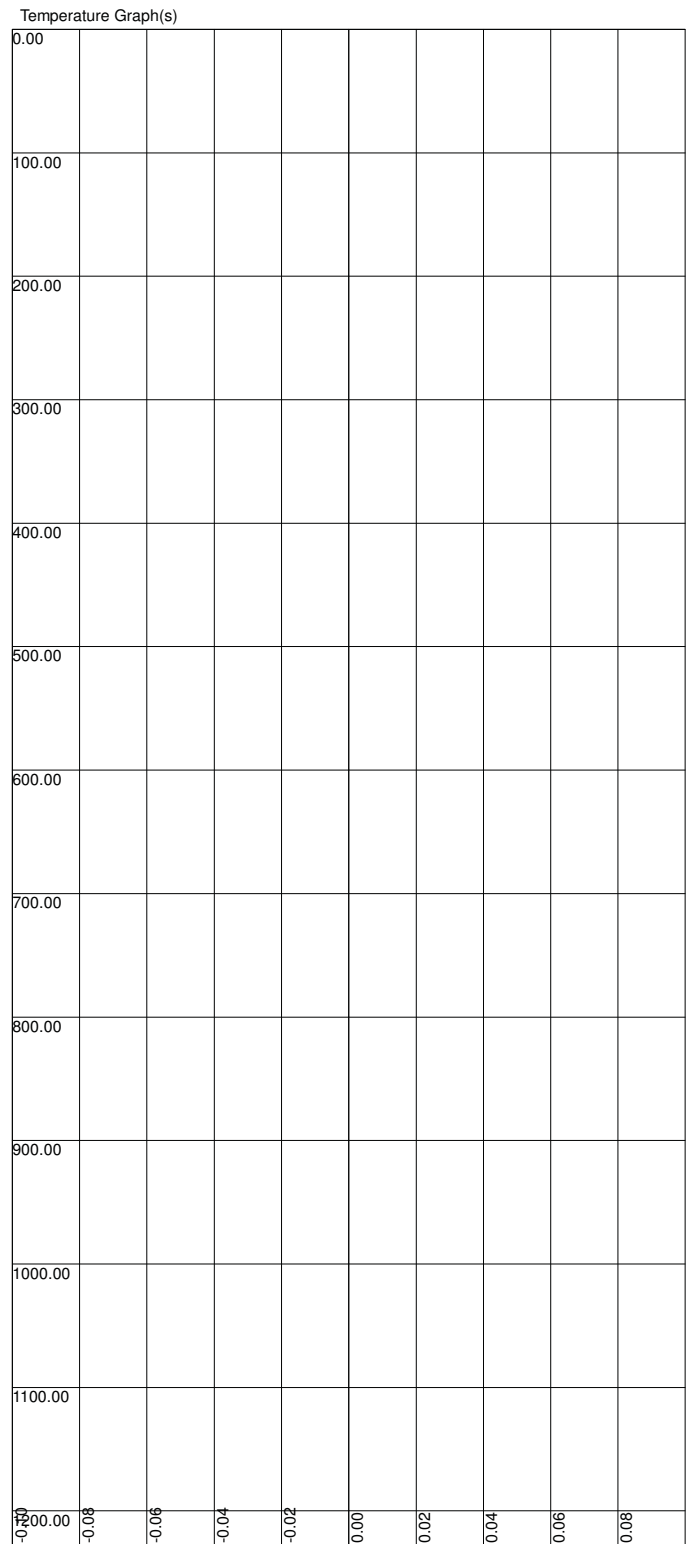
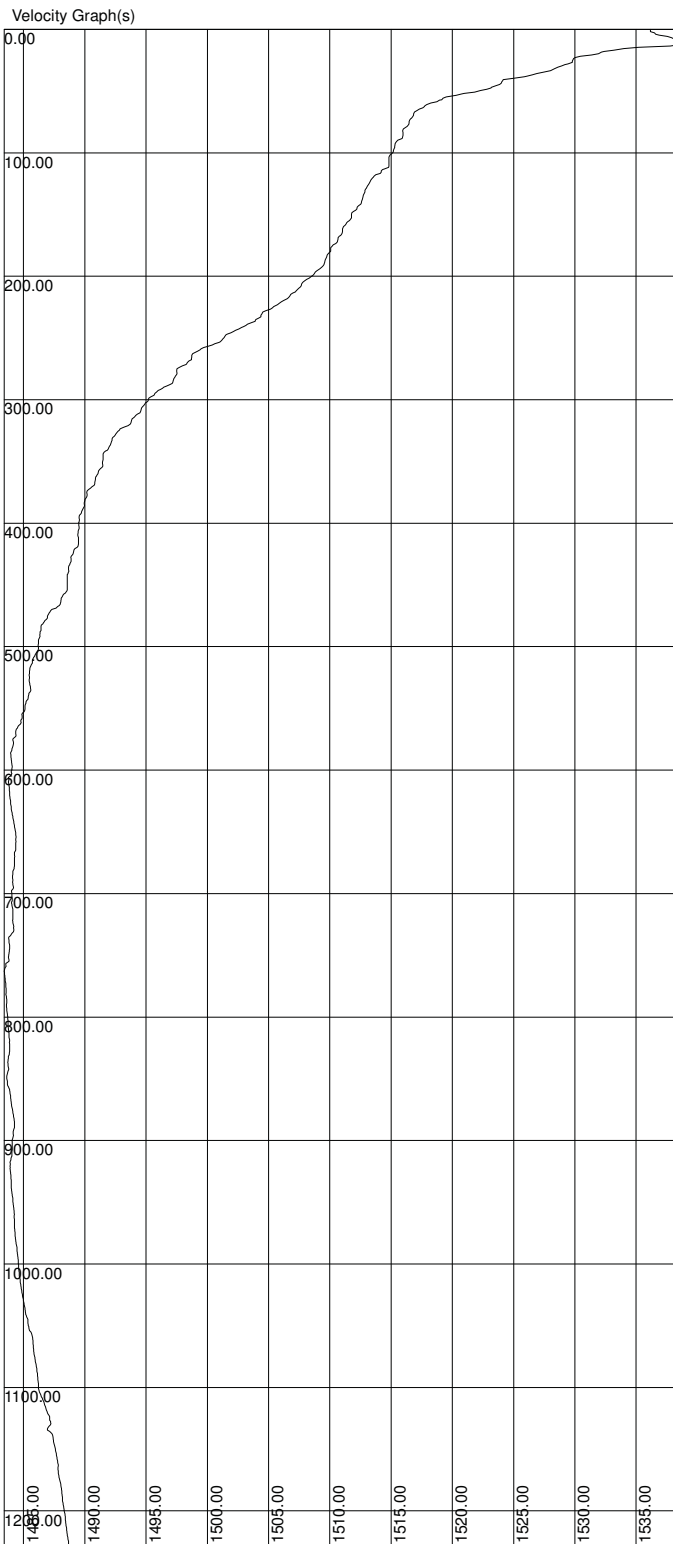
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XSV-02	S/N, Calibration Date : 063352, 16/5/153

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0401531_down.vel	0.00	1228.00	1483.43	1538.36	1492.48	12.657	1537.11	0.00	0.00	0.00	0.000	0.00

Profile	Date	Time	Easting	Northing
F0401531_down.vel	09/02/2017	15:31	8034561.000	128832.000



Surveyor	Date : 09/Feb/2017	Checked	Date :
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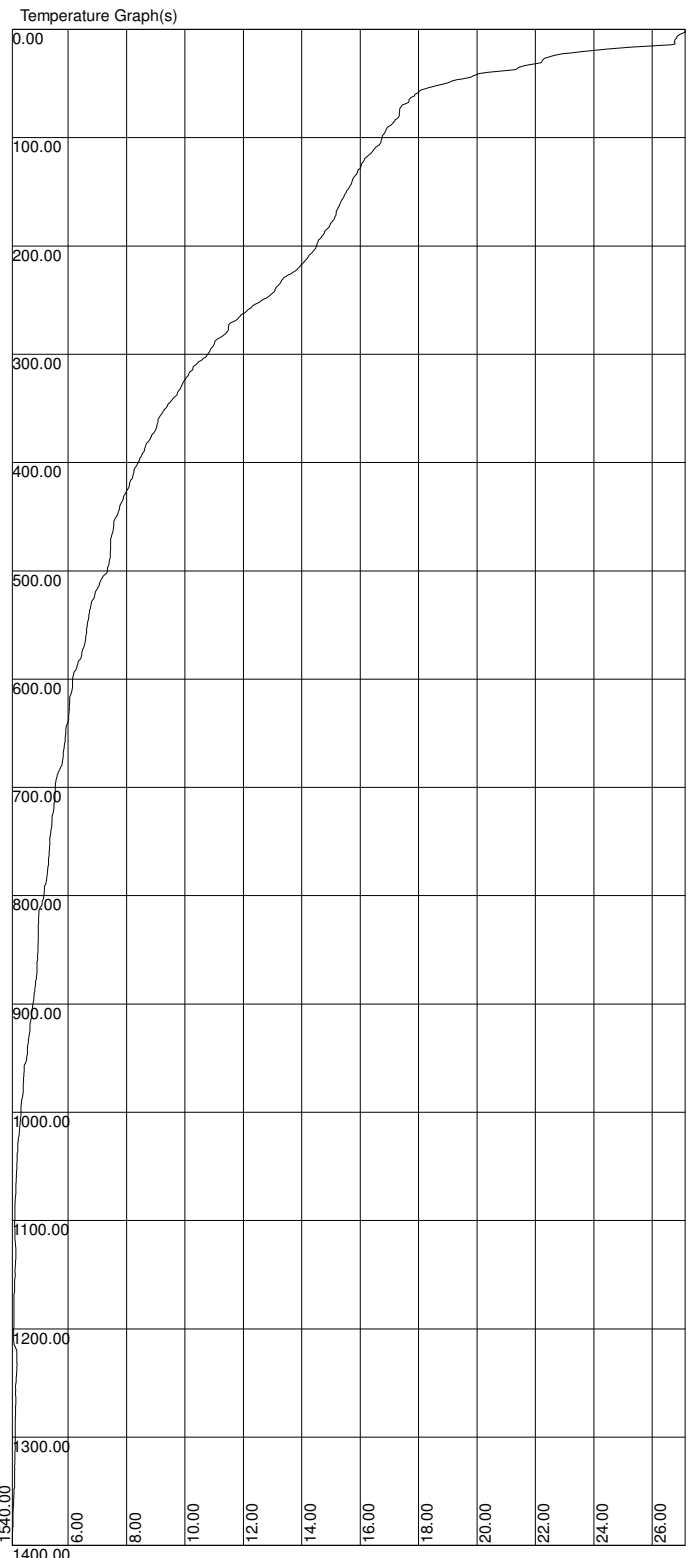
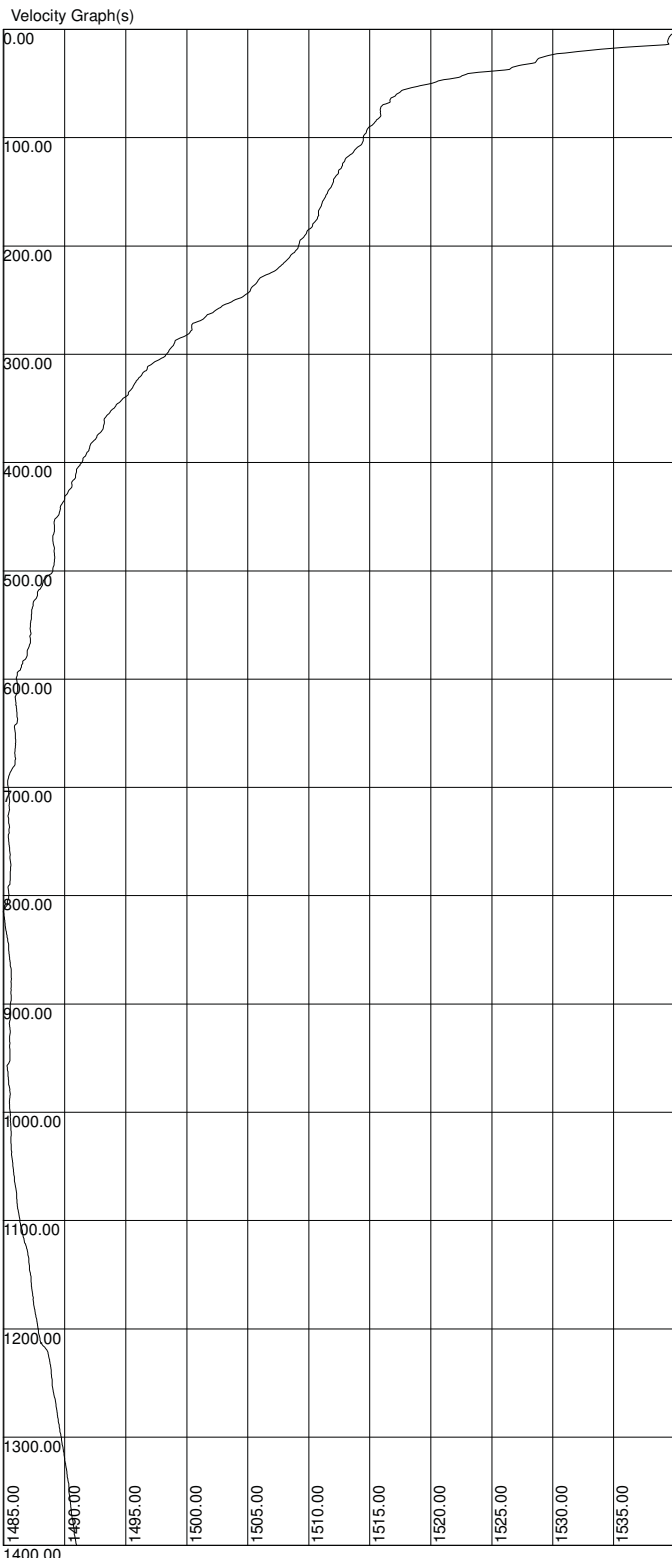
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XBT-T5	S/N, Calibration Date : 380059, 07/06/16

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0401603_down.vel	0.00	1400.00	1484.96	1540.12	1493.19	11.568	1539.69	4.09	27.13	7.85	4.929	26.93

Profile	Date	Time	Easting	Northing
F0401603_down.vel	09/02/2017	16:03	8031674.340	125699.400



Surveyor	Date : 09/Feb/2017	Checked	Date :
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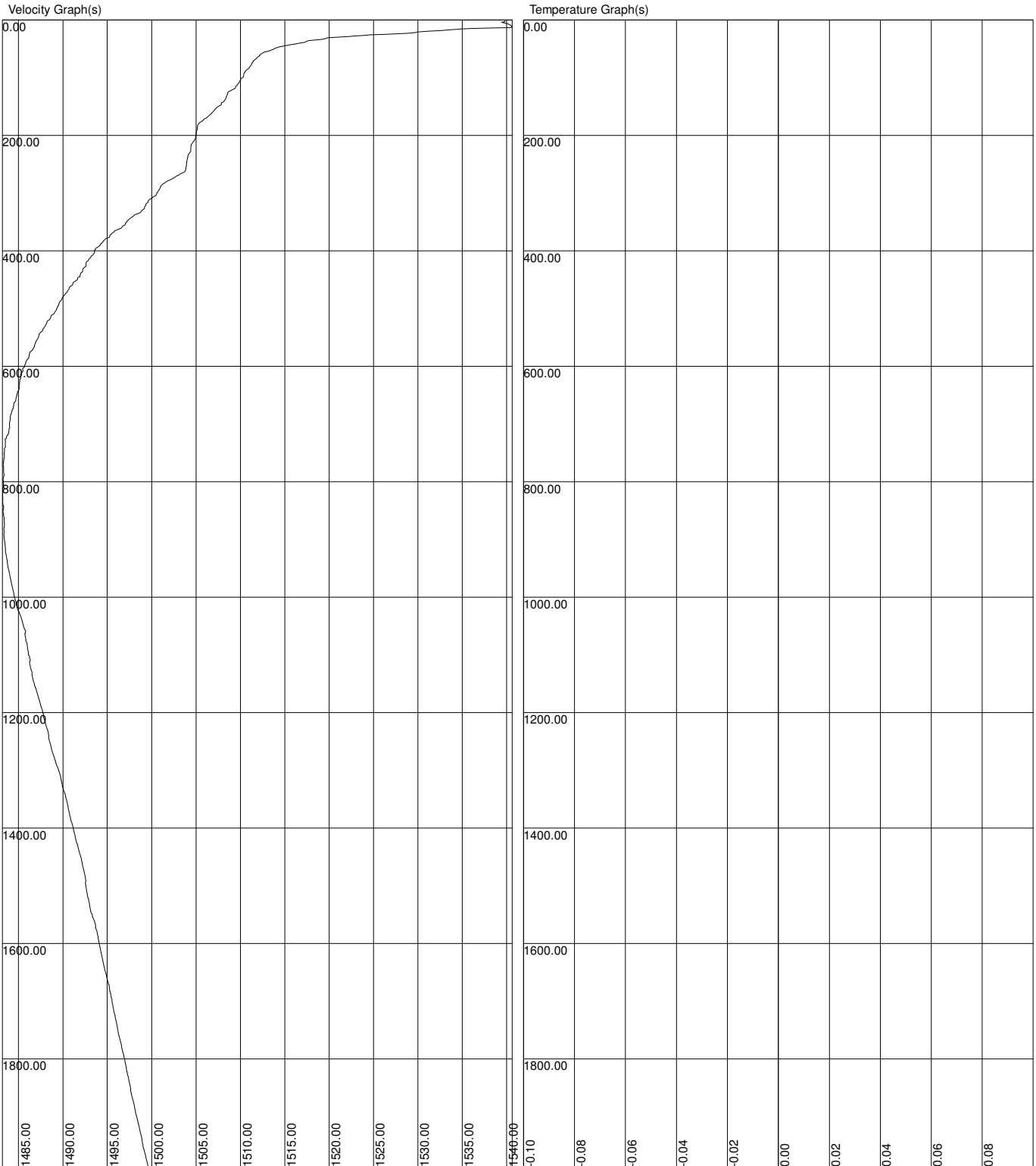
Gardline

VELOCITY PROFILE(S)

Project Details	
Client: NEC	Project Name : 10817
Project Title : SACS Cable Route Survey	Vessel : Ocean Endeavour
Instrument Details	
Instrument : XSV-02	S/N, Calibration Date : 063348, 16/5/2016

Profile	min dep	max dep	min vel	max vel	mean vel	SD vel	vel@5.0m	min tmp	max tmp	mean tmp	SD tmp	tmp@5.0m
F0411438_down.vel	0.00	1990.00	1483.20	1540.61	1493.25	9.253	1539.67	0.00	0.00	0.00	0.000	0.00

Profile	Date	Time	Easting	Northing
F0411438_down.vel	10/02/2017	14:37	7783624.000	130353.000



Surveyor	Date : 10/Feb/2017	Checked	Date :
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