

Appendix 1. ROV video transect information. Transect Code (Tr. Code), Site/Station (Loc.), Cable depth region (Region), Treatment (control or cable location), Period (before or after (date) cable installation), depth in meters, Date, Dive number, transect length (m), and estimated accuracy of navigation used to calculate transect length.

Tr. Code	Loc.	Region	Treatment	Period	Latitude	Longitude	Depth (m)	Date	Dive #	Length (m)	Accuracy
A-A-2008	A	All	Cable	2008	36.756899	-122.188391	710	12/12/07	V3139	115	good
A-A-2010	A	All	Cable	2010	36.756645	-122.188324	720	1/27/10	V3500	100	good
A-B-2008	A	All	Control	2008	36.756899	-122.18771	724	12/12/07	V3139	114	good
A-B-2010	A	All	Control	2010	36.757187	-122.187790	713	1/27/10	V3500	100	good
B-A-2008	B	All	Cable	2008	36.79973	-122.186883	435	1/29/08	V3164	97	good
B-A-2010	B	All	Cable	2010	36.800182	-122.186560	431	1/29/10	V3506	100	good
B-B-2008	B	All	Control	2008	36.799712	-122.18629	431	1/29/08	V3164	97	good
B-B-2010	B	All	Control	2010	36.799267	-122.186540	436	1/29/10	V3506	100	good
C-A-2008	C	All	Cable	2008	36.836974	-122.158251	172	1/31/08	V3167	83	good
C-A-2010	C	All	Cable	2010	36.836964	-122.158460	168	1/13/10	V3488	100	good
C-B-2008	C	All	Control	2008	36.83734	-122.158864	162	1/31/08	V3167	87	good
C-B-2010	C	All	Control	2010	36.836964	-122.157170	153	1/13/10	V3488	100	good
D-A-2008	D	All	Cable	2008	36.857358	-122.10881	95	2/8/08	V3169	100	good
D-A-2010	D	All	Cable	2010	36.857227	-122.109116	92	1/28/10	V3503	100	good
D-B-2008	D	All	Control	2008	36.856905	-122.108491	94	2/8/08	V3169	100	good
D-B-2010	D	All	Control	2010	36.857254	-122.107834	92	1/28/10	V3503	100	good
E-A-2008	E	All	Cable	2008	36.879787	-122.059782	72	4/1/08	V3186	100	good
E-A-2010	E	All	Cable	2010	36.879307	-122.061250	73	2/25/10	V3526	100	good
E-B-2008	E	All	Control	2008	36.880117	-122.060248	71	4/1/08	V3186	111	good
E-B-2010	E	All	Control	2010	36.880060	-122.060875	72	2/25/10	V3526	100	good
F-A-2008	F	All	Cable	2008	36.885715	-122.00602	48	4/1/08	V3186	100	good
F-A-2010	F	All	Cable	2010	36.885746	-122.005420	48	4/9/10	V3551	100	good
F-B-2008	F	All	Control	2008	36.885231	-122.006393	49	4/1/08	V3186	100	good
F-B-2010	F	All	Control	2010	36.886240	-122.006610	48	4/9/10	V3551	100	good
G-A-2008	G	All	Cable	2008	36.883813	-121.949321	39	1/8/08	V3149	100	unknown
G-A-2010	G	All	Cable	2010	36.883705	-121.949730	39	4/9/10	V3552	100	good
G-B-2008	G	All	Control	2008	36.883895	-121.949741	40	1/8/08	V3149	100	unknown
G-B-2010	G	All	Control	2010	36.884678	-121.950645	37	4/9/10	V3552	100	good

Tr. Code	Loc.	Region	Treatment	Period	Latitude	Longitude	Depth (m)	Date	Dive #	Length (m)	Accuracy
H-A-2008	H	All	Cable	2008	36.868305	-121.895886	44	1/28/08	V3163	100	poor nav
H-A-2010	H	All	Cable	2010	36.868030	-121.896835	46	4/9/10	V3553	100	good
H-B-2008	H	All	Control	2008	36.867867	-121.896324	44	1/28/08	V3163	100	good
H-B-2010	H	All	Control	2010	36.868860	-121.897860	44	4/9/10	V3553	100	good
I-A-2008	I	All	Cable	2008	36.848015	-121.845586	26	1/22/10	V3173	100	unknown
I-A-2010	I	All	Cable	2010	36.848717	-121.847100	26	4/9/10	V3554	100	good
I-B-2008	I	All	Control	2008	36.847485	-121.84478	26	1/22/10	V3173	100	poor
I-B-2010	I	All	Control	2010	36.849445	-121.847560	26	4/9/10	V3554	100	good
J-A-2008	J	All	Cable	2008	36.815585	-121.807344	20	3/31/08	V3184	107	good
J-A-2010	J	All	Cable	2010	36.816120	-121.807730	20	4/9/10	V3555	100	good
J-B-2008	J	All	Control	2008	36.816038	-121.806923	20	3/31/08	V3184	107	good
J-B-2010	J	All	Control	2010	36.817257	-121.808020	19	4/9/10	V3555	100	good
NC1-A-2005	NC-1	Neck	Control	Before	36.789158	-122.12428	401	7/13/05	V2687	100	unknown
NC1-A-2008	NC-1	Neck	Control	2008	36.788543	-122.117341	399	1/30/08	V3165	109	good
NC1-A-2010	NC-1	Neck	Control	2010	36.788597	-122.116370	402	1/8/10	V3483	100	good
NC1-B-2005	NC-1	Neck	Control	Before	36.789383	-122.12514	400	7/13/05	V2687	100	unknown
NC1-B-2008	NC-1	Neck	Control	2008	36.789039	-122.117852	394	1/30/08	V3165	96	good
NC1-B-2010	NC-1	Neck	Control	2010	36.788810	-122.115770	401	1/8/10	V3483	100	good
NC1-C-2005	NC-1	Neck	Control	Before	36.788088	-122.121619	400	7/13/05	V2687	50	unknown
NC1-C-2008	NC-1	Neck	Control	2008	36.789491	-122.116151	386	1/30/08	V3165	100	poor
NC1-C-2010	NC-1	Neck	Control	2010	36.789043	-122.116936	392	1/8/10	V3483	100	good
NC2-A-2005	NC-2	Neck	Control	Before	36.803011	-122.122515	196	8/1/05	V2696	100	unknown
NC2-A-2008	NC-2	Neck	Control	2008	36.799381	-122.107564	207	1/30/08	V3165	100	good
NC2-A-2010	NC-2	Neck	Control	2010	36.798930	-122.107700	205	1/8/10	V3483	100	good
NC2-B-2005	NC-2	Neck	Control	Before	36.803356	-122.123501	197	8/1/05	V2696	100	unknown
NC2-B-2008	NC-2	Neck	Control	2008	36.799928	-122.108486	189	1/30/08	V3165	100	good
NC2-B-2010	NC-2	Neck	Control	2010	36.798664	-122.106720	208	1/8/10	V3483	100	good
NC2-C-2005	NC-2	Neck	Control	Before	36.803646	-122.124485	198	8/1/05	V2696	100	unknown
NC2-C-2008	NC-2	Neck	Control	2008	36.799216	-122.108455	195	1/30/08	V3165	100	good
NC2-C-2010	NC-2	Neck	Control	2010	36.798023	-122.107780	222	1/8/10	V3483	100	good
NC3-A-2006	NC-3	Neck	Control	Before	36.842645	-122.189108	361	10/3/06	V2899	100	unknown
NC3-A-2008	NC-3	Neck	Control	2008	36.842894	-122.187867	361	1/24/08	V3162	100	good
NC3-A-2010	NC-3	Neck	Control	2010	36.842316	-122.187260	358	1/14/10	V3490	100	good

Tr. Code	Loc.	Region	Treatment	Period	Latitude	Longitude	Depth (m)	Date	Dive #	Length (m)	Accuracy
NC3-B-2006	NC-3	Neck	Control	Before	36.84212	-122.189979	368	10/3/06	V2899	100	unknown
NC3-B-2008	NC-3	Neck	Control	2008	36.842918	-122.187669	352	1/24/08	V3162	100	good
NC3-B-2010	NC-3	Neck	Control	2010	36.841690	-122.186264	360	1/14/10	V3490	100	good
NC3-C-2008	NC-3	Neck	Control	2008	36.842812	-122.186766	356	1/24/08	V3162	100	good
NC3-C-2010	NC-3	Neck	Control	2010	36.842228	-122.185660	349	1/14/10	V3490	100	good
NI1-A-1999	NI-1	Neck	Cable	Before	36.824453	-122.169606	325	1999	MCI-Pref325	100	unknown
NI1-A-2008	NI-1	Neck	Cable	2008	36.824453	-122.169606	321	1/31/08	V3167	100	good
NI1-A-2010	NI-1	Neck	Cable	2010	36.824330	-122.170204	323	1/13/10	V3488	100	good
NI1-B-1999	NI-1	Neck	Cable	Before	36.824886	-122.170095	325	1999	MCI-Pref325	100	unknown
NI1-B-2008	NI-1	Neck	Cable	2008	36.824886	-122.170095	318	1/31/08	V3167	100	good
NI1-B-2010	NI-1	Neck	Cable	2010	36.823880	-122.170080	324	1/13/10	V3488	100	good
NI1-C-1999	NI-1	Neck	Cable	Before	36.824287	-122.170539	325	1999	MCI-ACA325	100	unknown
NI1-C-2008	NI-1	Neck	Cable	2008	36.824287	-122.170539	323	1/31/08	V3167	100	good
NI1-C-2010	NI-1	Neck	Cable	2010	36.824795	-122.169190	321	1/13/10	V3488	100	good
SC1-A-2006	SC-1	Shelf	Control	Before	36.714458	-121.909033	90	9/25/06	V2891	100	unknown
SC1-A-2008	SC-1	Shelf	Control	2008	36.714458	-121.909033	89	11/30/07	V3135	100	poor
SC1-A-2010	SC-1	Shelf	Control	2010	36.715485	-121.908630	88	2/18/10	V3518	100	good
SC1-B-2006	SC-1	Shelf	Control	Before	36.714299	-121.908597	90	9/25/06	V2891	100	unknown
SC1-B-2008	SC-1	Shelf	Control	2008	36.714299	-121.908597	90	11/30/07	V3135	100	poor
SC1-B-2010	SC-1	Shelf	Control	2010	36.714436	-121.908620	88	2/18/10	V3518	100	good
SC1-C-2006	SC-1	Shelf	Control	Before	36.713548	-121.907717	90	9/25/06	V2891	100	unknown
SC1-C-2008	SC-1	Shelf	Control	2008	36.713548	-121.907717	89	11/30/07	V3135	100	poor
SC1-C-2010	SC-1	Shelf	Control	2010	36.714790	-121.907380	88	2/18/10	V3518	100	good
SC2-A-2006	SC-2	Shelf	Control	Before	36.821804	-121.9445	87	10/5/06	V2905	100	unknown
SC2-A-2008	SC-2	Shelf	Control	2008	36.822428	-121.945564	87	11/30/07	V3134	100	poor
SC2-A-2010	SC-2	Shelf	Control	2010	36.821888	-121.945530	88	1/29/10	V3504	100	good
SC2-B-2006	SC-2	Shelf	Control	Before	36.822571	-121.94354	86	10/5/06	V2905	100	unknown
SC2-B-2008	SC-2	Shelf	Control	2008	36.822978	-121.944894	86	11/30/07	V3134	100	poor
SC2-B-2010	SC-2	Shelf	Control	2010	36.822903	-121.945540	87	1/29/10	V3504	100	good
SC2-C-2008	SC-2	Shelf	Control	2008	36.823517	-121.944924	86	11/30/07	V3134	100	poor
SC2-C-2010	SC-2	Shelf	Control	2010	36.823350	-121.946236	88	1/29/10	V3504	100	good
SC3-A-2006	SC-3	Shelf	Control	Before	36.878461	-122.121178	89	10/5/06	V2904	100	unknown
SC3-A-2008	SC-3	Shelf	Control	2008	36.877177	-122.120826	90	1/30/08	V3166	100	good

Tr. Code	Loc.	Region	Treatment	Period	Latitude	Longitude	Depth (m)	Date	Dive #	Length (m)	Accuracy
SC3-A-2010	SC-3	Shelf	Control	2010	36.878260	-122.121230	90	1/28/10	V3502	100	good
SC3-B-2006	SC-3	Shelf	Control	Before	36.878765	-122.120205	89	10/5/06	V2904	100	unknown
SC3-B-2008	SC-3	Shelf	Control	2008	36.877639	-122.121503	91	1/30/08	V3166	100	good
SC3-B-2010	SC-3	Shelf	Control	2010	36.878094	-122.119900	90	1/28/10	V3502	100	good
SC3-C-2008	SC-3	Shelf	Control	2008	36.877494	-122.120593	91	1/30/08	V3166	90	moderate
SC3-C-2010	SC-3	Shelf	Control	2010	36.876762	-122.119804	90	1/28/10	V3502	100	good
SI1-A-1999	SI-1	Shelf	Cable	Before	36.863391	-122.0969	90	1999	MCI-ACAD90	100	unknown
SI1-A-2008	SI-1	Shelf	Cable	2008	36.863391	-122.0969	91	1/23/08	V3161	100	poor
SI1-A-2010	SI-1	Shelf	Cable	2010	36.863014	-122.096540	89	1/28/10	V3503	100	good
SI1-B-1999	SI-1	Shelf	Cable	Before	36.863186	-122.096707	90	1999	MCI-ACAD90	100	unknown
SI1-B-2008	SI-1	Shelf	Cable	2008	36.863186	-122.096707	92	1/23/08	V3161	100	poor
SI1-B-2010	SI-1	Shelf	Cable	2010	36.862130	-122.096330	89	1/28/10	V3503	100	good
SI1-C-2008	SI-1	Shelf	Cable	2008	36.863471	-122.096143	92	1/23/08	V3161	100	poor
SI1-C-2010	SI-1	Shelf	Cable	2010	36.862755	-122.094860	89	1/28/10	V3503	100	good
Skate1-A-2008	Skate	Skate	Control	2008	36.82574	-122.168653	313	1/31/08	V3167	100	good
Skate1-A-2010	Skate	Skate	Control	2010	36.82574	-122.168653	313	1/13/10	V3488	100	good
Skate1-B-2008	Skate	Skate	Control	2008	36.826303	-122.168202	310	1/31/08	V3167	82	good
Skate1-B-2010	Skate	Skate	Control	2010	36.826303	-122.168202	310	1/13/10	V3488	100	good
Skate1-C-2008	Skate	Skate	Control	2008	36.827346	-122.167738	309	1/31/08	V3167	100	good
Skate1-C-2010	Skate	Skate	Control	2010	36.827346	-122.167738	309	1/13/10	V3488	100	good
Skate2-A-2008	Skate	Skate	Cable	2008	36.826029	-122.169319	317	1/31/08	V3167	100	good
Skate2-A-2010	Skate	Skate	Cable	2010	36.826029	-122.169319	317	1/13/10	V3488	100	good
Skate2-B-2008	Skate	Skate	Cable	2008	36.826903	-122.168852	311	1/31/08	V3167	100	good
Skate2-B-2010	Skate	Skate	Cable	2010	36.826903	-122.168852	311	1/13/10	V3488	100	good
Skate2-C-2008	Skate	Skate	Cable	2008	36.82757	-122.168474	306	1/31/08	V3167	86	good
Skate2-C-2010	Skate	Skate	Cable	2010	36.82757	-122.168474	306	1/13/10	V3488	100	good
SLC1-A-2001	SLC-1	Slope	Control	Before	36.743379	-122.275459	1000	10/12/01	V2083	100	unknown
SLC1-A-2008	SLC-1	Slope	Control	2008	36.74579	-122.277049	992	1/7/08	V3147	100	good
SLC1-A-2010	SLC-1	Slope	Control	2010	36.744267	-122.277030	1001	3/8/10	D115	100	good
SLC1-B-2001	SLC-1	Slope	Control	Before	36.742199	-122.274547	1000	10/12/01	V2083	100	unknown
SLC1-B-2008	SLC-1	Slope	Control	2008	36.745207	-122.277572	1001	1/7/08	V3147	80	good
SLC1-B-2010	SLC-1	Slope	Control	2010	36.745200	-122.277725	1002	3/8/10	D115	100	good
SLC1-C-2001	SLC-1	Slope	Control	Before	36.741165	-122.27301	999	10/12/01	V2083	100	unknown

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SLC1-C-2008	SLC-1	Slope	Control	2008	36.745351	-122.278318	1007	1/7/08	V3147	100	good
SLC1-C-2010	SLC-1	Slope	Control	2010	36.744420	-122.278070	1006	3/8/10	D115	100	good
SLC2-A-2005	SLC-2	Slope	Control	Before	36.752527	-122.20002	801	6/8/05	V2674	100	unknown
SLC2-A-2008	SLC-2	Slope	Control	2008	36.748745	-122.197382	820	1/23/08	V3160	100	good
SLC2-A-2010	SLC-2	Slope	Control	2010	36.749023	-122.197830	821	1/27/10	V3500	100	good
SLC2-B-2005	SLC-2	Slope	Control	Before	36.75264	-122.200906	800	6/8/05	V2674	100	unknown
SLC2-B-2008	SLC-2	Slope	Control	2008	36.74858	-122.197578	817	1/23/08	V3160	100	good
SLC2-B-2010	SLC-2	Slope	Control	2010	36.748340	-122.197580	820	1/27/10	V3500	100	good
SLC2-C-2005	SLC-2	Slope	Control	Before	36.752558	-122.202336	801	6/8/05	V2674	100	unknown
SLC2-C-2008	SLC-2	Slope	Control	2008	36.748988	-122.198433	827	1/23/08	V3160	100	good
SLC2-C-2010	SLC-2	Slope	Control	2010	36.749180	-122.196240	813	1/27/10	V3500	100	good
SLC3-A-2006	SLC-3	Slope	Control	Before	36.707094	-122.167266	881	10/3/06	V2898	100	unknown
SLC3-A-2008	SLC-3	Slope	Control	2008	36.705268	-122.166423	895	1/8/08	V3148	100	good
SLC3-A-2010	SLC-3	Slope	Control	2010	36.706226	-122.166200	885	3/9/10	D116	100	good
SLC3-B-2006	SLC-3	Slope	Control	Before	36.707753	-122.166954	877	10/3/06	V2898	100	unknown
SLC3-B-2008	SLC-3	Slope	Control	2008	36.706463	-122.165729	884	1/8/08	V3148	100	good
SLC3-B-2010	SLC-3	Slope	Control	2010	36.705530	-122.166090	892	3/9/10	D116	100	good
SLC3-C-2006	SLC-3	Slope	Control	Before	36.70771	-122.16586	874	10/3/06	V2898	100	unknown
SLC3-C-2008	SLC-3	Slope	Control	2008	36.705928	-122.164967	887	1/8/08	V3148	100	good
SLC3-C-2010	SLC-3	Slope	Control	2010	36.706146	-122.167200	885	3/9/10	D116	100	good
SLI1-A-2003	SLI-1	Slope	Cable	Before	36.711241	-122.186781	885	10/13/03	V2439	100	unknown
SLI1-A-2008	SLI-1	Slope	Cable	2008	36.712528	-122.18707	877	12/6/07	V3136	100	poor
SLI1-A-2010	SLI-1	Slope	Cable	2010	36.712750	-122.187164	877	3/8/10	D114	100	good
SLI1-B-2003	SLI-1	Slope	Cable	Before	36.711353	-122.186449	883	10/13/03	V2439	100	unknown
SLI1-B-2008	SLI-1	Slope	Cable	2008	36.71302	-122.186753	877	12/6/07	V3136	100	poor
SLI1-B-2010	SLI-1	Slope	Cable	2010	36.713116	-122.186900	875	3/8/10	D114	100	good
SLI1-C-2003	SLI-1	Slope	Cable	Before	36.711883	-122.186523	882	10/13/03	V2439	100	unknown
SLI1-C-2008	SLI-1	Slope	Cable	2008	36.712683	-122.186665	874	12/6/07	V3136	100	poor
SLI1-C-2010	SLI-1	Slope	Cable	2010	36.712590	-122.186890	877	3/8/10	D114	100	good