Appendix II
Benthic infauna data details

Station 1

	Sta 1-1		Sta 1-2		Sta 1-3	
ANNELIDA	**Species**	**Family**	**Species**	**Family**	**Species**	**Family**
CLASS POLYCHAETA						
ORDER Phyllodocida						
Phyllodocidae		2		0		0
Phyllodoce sp.	2					
Polynoidae		0		2		3
Harmothoe sp.			2		3	
Sigalionidae		1		0		0
Pholoe minuta	1					
Syllidae		0		0		1
Exogone spp.					1	
ORDER Capitellida						
Scalibregmidae		0		1		0
Scalibregma inflatum			1			
Opheliidae		0		0		1
Ophelina acuminata					1	
ORDER Spionida						
Spionidae		1		0		1
Marenzelleria (Scolecolepedis) viridis	1				1	
Paraonidae		1		0		0
Aricidea suecica	1					
ORDER Eunicida						
Eunicidae		1		1		0
Onuphis (Nothria) conchylega	1		1			
ORDER Terebellida						
Ampharetidae		3		1		0
Ampharete sp.	2		1			
Asabellides oculata	1					
Terebellidae		1		0		0
Terebellides stroemi	1					
ORDER Flabelligerida						
Flabelligeridae		0		1		0
Pherusa spp.			1			
ORDER Sabellida						
Sabellidae		1		0		0
Potamilla reinformis	1					

Station 1 (continued)

	Sta 1-1		Sta 1-2		Sta 1-3	
ARTHROPODA	**Species**	**Family**	**Species**	**Family**	**Species**	**Family**
CLASS MALCOSTRACA						
Order Amphipoda						
Aoridae		3		6		3
Leptocheirus sp.			4		1	
Unciola sp.	3		2		2	
Corophiidae		1		0		0
Corophium spp.	1					
Metilidae		0		0		1
Melita sp.					1	
Order Caprellidea						
Caprellidae		2		0		2
Caprella spp.	2				2	
CLASS MAXILLOPODA						
Order Thoracica						
Balanidae		32		1		10
Balanus sp.	32		1		10	
CLASS PANTOPODA						
ORDER						
Phoxichilidiidae		2		0		1
Phoxichilidium femoratum	2				1	
ECHINODERMATA						
Class Holothuroidea						
Order Dendrochirotida						
Cucumariidae		1		0		0
Cucumaria frondosa	1					
Class Stelleroidea						
Order Ophiurida						
Ophiuridae		1		0		0
Ophiura sp.	1					
Ophiactidae		0		0		1
Ophiopholis sp.					1	
MOLLUSCA						
Class Polyplacophora						
Order Neoloricata						
Ischnochitonidae		1		0		0
Stenosemus (Ischnochiton) albus	1					

Station 1 (continued)

	Sta 1-1		Sta 1-2		Sta 1-3	
MOLLUSCA	**Species**	**Family**	**Species**	**Family**	**Species**	**Family**
Class Gastropoda						
Order Archaeogastropoda						
Acmacidae		0		1		0
Tectura (Acmea) testudinalis			1			
Order Mesogastropoda						
Calyptraeidae		1		0		0
Crucibulum striatum	1					
Order Nudibranchia						
Lamellidorididae		2		0		0
Onchidoris sp.	2					
Dotonidae		1		0		0
Doto coronata	1					
Class Bivalvia						
Order Pteroconchida						
Mytilidae		13		1		5
Modiolus modiolus	13		1		5	
Anomiidae		92		90		98
Anomia sp	92		90		98	
Order Heterodontida						
Cardiidae		5		4		8
Cerastoderma pinnulatum	5		4		8	
Tellinidae		0		0		1
Macoma sp.					1	
Solenidae		1		1		0
Ensis directus	1		1			
Hiatellidae		28		3		13
Hiatella arctica					1	
Hiatella striata	28		3		12	
Order Eudesmodontia						
Lyonsiidae		0		1		0
Lyonsia arenosa			1			
CHORDATA						
Class Ascidiacea						
Order Pleurogona						
Mogulidae		0		0		1
Molgula sp.					1	

Station 1 (continued)

	Sta 1-1		Sta 1-2		Sta 1-3	
CNIDARIA	**Species**	**Family**	**Species**	**Family**	**Species**	**Family**
Class Hydrozoa						
Order Athecata						
Tubulariidae		2		0		0
Tubularia sp.	2					
Class Anthozoa						
Order Actiniaria						
Actinidae		1		0		0
Urticina (Tealia) felina	1					
ENTROPROCTA		0		0		0
Class Ectoprocta	2		19		13	
SPECIES Station 1	**Rep 1**		**Rep 2**		**Rep 3**	**Total**
Total organisms	**202**		**133**		**163**	**498**
Abundance (organisms/0.1 m²)	**2493.7**		**1641.9**		**2012.2**	**6147.8**
Abundance (organisms/0.1 m²) minus Caps	**2493.7**		**1641.9**		**2012.2**	**6147.8**
Species richness (No. species)	**28**		**16**		**19**	
Distance in meters	**30**		**30**		**30**	
Rel. Div. by sp.	**0.591**		**0.467**		**0.550**	
%Caps by sp	**0.0**		**0.0**		**0.0**	
FAMILY	**Rep 1**		**Rep 2**		**Rep 3**	**Total**
Total organisms	**202**		**133**		**163**	**498**
Abundance (organisms/0.1 m²)	**2493.7**		**1641.9**		**2012.2**	**6147.8**
Abundance (organisms/0.1 m²) minus Caps	**2493.7**		**1641.9**		**2012.2**	**6147.8**
Family richness (No. Families)	**27**		**15**		**17**	
Distance in meters	**30**		**30**		**30**	
Rel. Div. by Fam	**0.590**		**0.379**		**0.513**	
%Caps by Fam	**0.0**		**0.0**		**0.0**	

Station 2

	Sta 2-1		Sta 2-2		Sta 2-3	
ANNELIDA	**Species**	**Family**	**Species**	**Family**	**Species**	**Family**
CLASS POLYCHAETA						
ORDER Phyllodocida						
Phyllodocidae		0		0		2
Phyllodoce sp.					2	
Polynoidae		1		0		1
Harmothoe sp.	1				1	
Sigalionidae		0		0		1
Pholoe minuta					1	
Glyceridae		1		0		0
Glycera sp	1					
Goniadidae		1		0		1
Goniada spp.	1				1	
ORDER Capitellida						
Opheliidae		0		1		0
Ophelina acuminata			1			
ORDER Spionida						
Spionidae		1		0		1
Marenzelleria (Scolecolepedis) viridis	1					
Spio setosa					1	
ORDER Cirratulida						
Cirratulidae		0		0		2
Tharyx spp.					2	
ORDER Terebellida						
Ampharetidae		0		1		2
Asabellides oculata			1		2	
ARTHROPODA						
CLASS MALCOSTRACA						
Order Amphipoda						
Aoridae		3		1		3
Leptocheirus sp.	1				3	
Unciola sp.	2		1			
Corophiidae		0		0		1
Corophium spp.					1	
Metilidae		1		0		0
Melita sp.	1					

Station 2 (continued)

	Sta 2-1		Sta 2-2		Sta 2-3	
ARTHROPODA	**Species**	**Family**	**Species**	**Family**	**Species**	**Family**
CLASS MALCOSTRACA						
Order Isopoda						
Anthuridae		0		1		0
Cyathura sp.			1			
Order Caprellidea						
Caprellidae		0		0		1
Caprella spp.					1	
CLASS MAXILLOPODA						
Order Thoracica						
Balanidae		1		6		14
Balanus sp.	1		6		14	
CLASS PANTOPODA						
ORDER						
Ammotheidae		1		0		1
Achelia sp.	1				1	
ECHINODERMATA						
Class Stelleroidea						
Order Ophiurida						
Ophiactidae		1		2		1
Ophiopholis sp.	1		2		1	
MOLLUSCA						
Class Polyplacophora						
Order Neoloricata						
Ischnochitonidae		0		0		2
Stenosemus (Ischnochiton) albus					1	
Stenosemus (Ischnochiton) ruba					1	
Class Gastropoda						
Order Mesogastropoda						
Calyptraeidae		0		0		1
Crucibulum striatum					1	
Order Nudibranchia						
Lamellidorididae		1		1		0
Onchidoris sp.	1		1			

Station 2 (continued)

	Sta 2-1		Sta 2-2		Sta 2-3	
MOLLUSCA	**Species**	**Family**	**Species**	**Family**	**Species**	**Family**
Class Bivalvia						
Order Pteroconchida						
Mytilidae		0		0		1
Modiolus modiolus					1	
Anomiidae		33		24		13
Anomia sp	33		24		13	
Order Heterodontida						
Carditidae		0		1		1
Cyclocardia (Cardita) borealis			1		1	
Cardiidae		1		0		2
Cerastoderma pinnulatum	1				2	
Solenidae		0		2		0
Ensis directus			2			
Hiatellidae		1		1		9
Hiatella striata	1		1		9	
Order Eudesmodontia						
Lyonsiidae		0		1		0
Lyonsia hyalina			1			
ENTROPROCTA		0		0		0
Class Ectoprocta	4		2		4	
PLATYHELMINTHES		2		1		0
Unid.	2		1			
SPECIES	**Rep 1**		**Rep 2**		**Rep 3**	**Total**
Total organisms	**53**		**45**		**64**	**162**
Abundance (organisms/0.1 m²)	**654.285**		**555.5**		**790.1**	**1999.9**
Abundance (organisms/0.1 m²) minus Caps	**654.285**		**555.5**		**790.1**	**1999.9**
Species richness (No. species)	**16**		**14**		**22**	
Distance in meters	**5**		**5**		**5**	
Rel. Div. by sp.	**0.6**		**0.675**		**0.817**	
%Caps by sp	**0.0**		**0.0**		**0.0**	
FAMILY	**Rep 1**		**Rep 2**		**Rep 3**	**Total**
Total organisms	**53**		**45**		**64**	**162**
Abundance (organisms/0.1 m²)	**654.3**		**555.5**		**790.1**	**1999.9**
Abundance (organisms/0.1 m²) minus Caps	**654.3**		**555.5**		**790.1**	**1999.9**
Family richness (No. Families)	**15**		**14**		**21**	
Distance in meters	**5**		**5**		**5**	
Rel. Div. by Fam	**0.5**		**0.652**		**0.809**	
%Caps by Fam	**0.0**		**0.0**		**0.0**	

Station 3 Unable to sample (bedrock/ledge)

Station 4

	Sta 4-1		Sta 4-2		Sta 4-3	
ANNELIDA	**Species**	**Family**	**Species**	**Family**	**Species**	**Family**
CLASS POLYCHAETA						
ORDER Phyllodocida						
Phyllodocidae		0		0		2
Phyllodoce sp.					2	
Polynoidae		3		0		7
Harmothoe sp.	3				7	
Sigalionidae		0		0		1
Pholoe minuta					1	
Goniadidae		0		1		0
Goniada spp.			1			
Syllidae		1		0		1
Exogone spp.	1					
Syllis cornuta					1	
ORDER Capitellida						
Opheliidae		1		0		0
Ophelina acuminata	1					
ORDER Spionida						
Paraonidae		0		3		0
Paraonis sp.			3			
ORDER Ariciida						
Orbiniidae		1		0		0
Naineris quadricuspida	1					
ORDER Terebellida						
Ampharetidae		0		1		0
Ampharete sp.			1			
Terebellidae		1		0		0
Streblosoma spiralis	1					
		0		2		1
CLASS CLITELLA (Oligochaeta)			2		1	
ARTHROPODA						
CLASS MALCOSTRACA						
Order Amphipoda						
Aoridae		1		0		0
Unciola sp.	1					

Station 4 (continued)

	Sta 4-1		Sta 4-2		Sta 4-3	
ARTHROPODA	**Species**	**Family**	**Species**	**Family**	**Species**	**Family**
CLASS MALCOSTRACA						
Order Amphipoda						
Corophiidae		2		0		8
Corophium spp.	2				8	
Lysianassidae		0		0		1
Anonyx sp.					1	
Order Mysida		0		0		1
Mysids					1	
CLASS MAXILLOPODA						
Order Thoracica						
Balanidae		20		0		28
Balanus sp.	20				28	
ECHINODERMATA						
Class Stelleroidea						
Order Ophiurida						
Ophiactidae		0		0		1
Ophiopholis sp.					1	
MOLLUSCA						
Class Gastropoda						
Order Archaeogastropoda						
Fissurellidae		0		0		3
Puncturella noachina					3	
Order Nudibranchia						
Dendrontidae		0		0		2
Dendronotus frondosus					2	
Lamellidorididae		0		0		2
Onchidoris sp.					2	
Class Bivalvia						
Order Pteroconchida						
Mytilidae		3		0		5
Modiolus modiolus	3				4	
Mytilus edulis					1	
Anomiidae		1		2		510
Anomia sp	1		2		510	
Order Heterodontida						
Cardiidae		2		0		2
Cerastoderma pinnulatum	2				2	
Tellinidae		0		1		0
Macoma sp.			1			
Solenidae		1		1		0
Ensis directus	1		1			
Myidae		1		0		1
Mya truncata	1				1	

Station 4 (continued)

	Sta 4-1		Sta 4-2		Sta 4-3	
MOLLUSCA	**Species**	**Family**	**Species**	**Family**	**Species**	**Family**
Class Bivalvia						
Order Heterodontida						
Hiatellidae		20		0		13
Hiatella arctica	2				2	
Hiatella striata	18				11	
CHORDATA						
Class Ascidiacea						
Order Pleurogona						
Mogulidae		1		0		0
Molgula sp.	1					
CNIDARIA						
Class Anthozoa						
Order Ceriantharia		0		0		2
Cerianthidae						
Cerianthus borealis					2	
ENTROPROCTA		0		0		0
Class Ectoprocta	2		2		8	
RHYNCHOCOELA		1		1		0
Unid. Nemertea	1		1			
PLATYHELMINTHES		0		0		5
Unid.					5	
ASCHELMINTHES						
Class Nematoda		0		5		2
Unid.			5		2	
SPECIES	**Rep 1**		**Rep 2**		**Rep 3**	**Total**
Total organisms	**62**		**19**		**606**	**687**
Abundance (organisms/0.1 m²)	**765.4**		**234.6**		**7481.1**	**8481.0**
Abundance (organisms/0.1 m²) minus Caps	**765.4**		**234.6**		**7481.1**	**8481.0**
Species richness (No. species)	**18**		**10**		**24**	
Distance in meters	**5**		**5**		**5**	
Rel. Div. by sp.	**0.736**		**0.924**		**0.265**	
%Caps by sp	**0.0**		**0.0**		**0.0**	
FAMILY	**Rep 1**		**Rep 2**		**Rep 3**	**Total**
Total organisms	**62**		**19**		**606**	**687**
Abundance (organisms/0.1 m²)	**765.4**		**234.6**		**7481.1**	**8481.0**
Abundance (organisms/0.1 m²) minus Caps	**765.4**		**234.6**		**7481.1**	**8481.0**
Family richness (No. Families)	**17**		**10**		**22**	
Distance in meters	**5**		**5**		**5**	
Rel. Div. by Fam	**0.700**		**0.912**		**0.252**	
%Caps by Fam	**0.0**		**0.0**		**0.0**	

Station 5

	Sta 5-1		Sta 5-2		Sta 5-3	
ANNELIDA	Species	Family	Species	Family	Species	Family
CLASS POLYCHAETA						
ORDER Phyllodocida						
Phyllodocidae		1		0		0
Phyllodoce sp.	1					
Polynoidae		3		2		1
Harmothoe sp.	3		2		1	
Goniadidae		0		1		0
Goniada spp.			1			
Syllidae		0		0		1
Exogone spp.					1	
ORDER Capitellida						
Opheliidae		0		2		0
Ophelina acuminata			2			
ORDER Spionida						
Spionidae		0		1		2
Marenzelleria (Scolecolepedis) viridis			1		1	
Spio setosa					1	
ORDER Terebellida						
Ampharetidae		0		1		0
Ampharete sp.			1			
ORDER Sabellida						
Serpulidae		0		1		0
Spirorbis spp.			1			
ARTHROPODA						
CLASS MALCOSTRACA						
Order Amphipoda						
Aoridae		10		2		1
Leptocheirus sp.	10		2		1	
Lysianassidae		0		1		1
Anonyx sp.			1		1	
Metilidae		0		0		1
Melita sp.					1	
Order Cumacea						
Diastylidae		0		0		1
Diastylis quadrispinosa					1	

Station 5 (continued)

	Sta 5-1		Sta 5-2		Sta 5-3	
ARTHROPODA	**Species**	**Family**	**Species**	**Family**	**Species**	**Family**
CLASS MAXILLOPODA						
Order Thoracica						
Balanidae		50		0		2
Balanus sp.	50				2	
ECHINODERMATA						
Class Stelleroidea						
Order Ophiurida						
Ophiactidae		1		1		1
Ophiopholis sp.	1		1		1	
MOLLUSCA						
Class Gastropoda						
Order Cephalaspidea						
Scaphandridae		0		0		1
Cylichna spp.					1	
Order Nudibranchia						
Lamellidorididae		2		0		0
Onchidoris sp.	2					
Class Bivalvia						
Order Pteroconchida						
Mytilidae		0		0		2
Modiolus modiolus					2	
Anomiidae		74		17		153
Anomia sp	74		17		153	
Order Heterodontida						
Hiatellidae		2		0		1
Hiatella striata	2				1	
Order Eudesmodontia						
Lyonsiidae		0		1		1
Lyonsia arenosa			1		1	
CHORDATA						
Class Ascidiacea						
Order Pleurogona						
Mogulidae		0		0		2
Molgula sp.					2	
CNIDARIA						

Station 5 (continued)

	Sta 5-1		Sta 5-2		Sta 5-3	
	Species	Family	Species	Family	Species	Family
ENTROPROCTA		0		0		0
Class Ectoprocta	13		6		17	
ECHIUROIDEA		0		0		3
Thalassema					3	
PLATYHELMINTHES		11		0		0
Unid.	11					
ASCHELMINTHES						
Class Nematoda		1		0		0
Unid.	1					
SPECIES	**Rep 1**		**Rep 2**		**Rep 3**	**Total**
Total organisms	**168**		**36**		**191**	**395**
Abundance (organisms/0.1 m²)	**2074.0**		**444.4**		**2357.9**	**4876.3**
Abundance (organisms/0.1 m²) minus Caps	**2074.0**		**444.4**		**2357.9**	**4876.3**
Species richness (No. species)	**11**		**12**		**18**	
Distance in meters	**30**		**30**		**30**	
Rel. Div. by sp.	**0.640**		**0.737**		**0.322**	
%Caps by sp	**0.0**		**0.0**		**0.0**	
FAMILY	**Rep 1**		**Rep 2**		**Rep 3**	**Total**
Total organisms	**168**		**36**		**191**	**395**
Abundance (organisms/0.1 m²)	**2074.0**		**444.4**		**2357.9**	**4876.3**
Abundance (organisms/0.1 m²) minus Caps	**2074.0**		**444.4**		**2357.9**	**4876.3**
Family richness (No. Families)	**11**		**12**		**17**	
Distance in meters	**30**		**30**		**30**	
Rel. Div. by Fam	**0.594**		**0.691**		**0.247**	
%Caps by Fam	**0.0**		**0.0**		**0.0**	

Reference 1

	Ref 1-1		Ref 1-2		Ref 1-3	
ANNELIDA	**Species**	**Family**	**Species**	**Family**	**Species**	**Family**
CLASS POLYCHAETA						
ORDER Phyllodocida						
Phyllodocidae		2		2		0
Eteone spp.			1			
Phyllodoce sp.	2		1			
Polynoidae		8		14		2
Harmothoe sp.	8		14		2	
Sigalionidae		0		3		0
Pholoe minuta			3			
Syllidae		1		2		1
Exogone spp.					1	
Syllis cornuta	1		1			
Syllis gracilis			1			
ORDER Capitellida						
Capitellidae		2		0		0
Capitella capitata	2					
Maldanidae		0		0		1
Praxillella praetermisa					1	
Opheliidae		2		1		0
Ophelina acuminata	2		1			
ORDER Spionida						
Spionidae		3		1		5
Marenzelleria (Scolecolepedis) viridis					5	
Spio setosa	3		1			
Paraonidae		0		0		1
Aricidea suecica					1	
ORDER Eunicida						
Eunicidae		1		1		1
Onuphis (Nothria) conchylega	1		1		1	
ORDER Cirratulida						
Cirratulidae		3		0		0
Tharyx spp.	3					
ORDER Terebellida						
Ampharetidae		1		0		1
Ampharete sp.					1	
Asabellides oculata	1					

Reference 1 (continued)

	Ref 1-1		Ref 1-2		Ref 1-3	
ANNELIDA	**Species**	**Family**	**Species**	**Family**	**Species**	**Family**
CLASS POLYCHAETA						
ORDER Terebellida						
Terebellidae		1		1		1
Polycirrus sp.	1		1		1	
ORDER Sabellida						
Serpulidae		1		3		3
Spirorbis spp.	1		3		3	
		0		1		0
CLASS CLITELLA (Oligochaeta)			1			
ARTHROPODA						
CLASS MALCOSTRACA						
Order Amphipoda						
Aoridae		1		0		2
Leptocheirus sp.	1					
Unciola sp.					2	
Corophiidae		0		9		0
Corophium spp.			3			
Erichthonius sp.			6			
Ischyroceridae		0		1		0
Jassa falcata			1			
Metilidae		0		1		0
Casco bigelowi			1			
Photidae		0		0		1
Photis spp.					1	
Stenothoidae		0		0		1
Metopella angusta					1	
Order Isopoda						
Idoteidae		0		1		0
Idotea sp.			1			
Anthuridae		1		0		0
Cyathura sp.	1					
Order Caprellidea						
Caprellidae		8		17		1
Caprella spp.	8		17		1	
Order Decapoda						
Majidae		1		0		0
Hyas sp.	1					

Reference 1 (continued)

	Ref 1-1		Ref 1-2		Ref 1-3	
ARTHROPODA	**Species**	**Family**	**Species**	**Family**	**Species**	**Family**
CLASS MAXILLOPODA						
Order Thoracica						
Balanidae		6		43		0
Balanus sp.	6		43			
CLASS PANTOPODA						
ORDER						
Ammotheidae		2		4		1
Achelia sp.	2		4		1	
Phoxichilidiidae		2		0		0
Phoxichilidium femoratum	2					
ECHINODERMATA						
Class Stelleroidea						
Order Ophiurida						
Ophiuridae		0		1		0
Ophiura sp.			1			
Ophiactidae		3		0		0
Ophiopholis sp.	3					
MOLLUSCA						
Class Polyplacophora						
Order Neoloricata						
Ischnochitonidae		0		1		0
Stenosemus (Ischnochiton) albus			1			
Class Gastropoda						
Order Archaeogastropoda						
Fissurellidae		0		1		0
Puncturella noachina			1			
Acmaeidae		0		0		1
Tectura (Acmea) testudinalis					1	
Order Mesogastropoda						
Calyptraeidae		2		0		2
Crucibulum striatum	2				2	
Naticidae		0		1		0
Euspira (Polinices) heros			1			
Class Bivalvia						
Order Pteroconchida						
Mytilidae		22		47		1
Modiolus modiolus	22		47		1	

Reference 1 (continued)

	Ref 1-1		Ref 1-2		Ref 1-3	
MOLLUSCA	**Species**	**Family**	**Species**	**Family**	**Species**	**Family**
Class Bivalvia						
Order Pteroconchida						
Anomiidae		213		155		88
Anomia sp	213		155		88	
Order Heterodontida						
Carditidae		0		1		0
Cyclocardia (Cardita) borealis			1			
Cardiidae		2		3		1
Cerastoderma pinnulatum	2		3		1	
Tellinidae		0		1		0
Macoma sp.			1			
Hiatellidae		36		31		5
Hiatella arctica	4					
Hiatella striata	32		31		5	
Order Eudesmodontia						
Lyonsiidae		1		0		0
Lyonsia arenosa	1					
CHORDATA						
Class Ascidiacea						
Order Pleurogona						
Mogulidae		3		7		1
Molgula sp.	3		7		1	
CNIDARIA						
Class Anthozoa						
Order Actiniaria						
Actinidae		0		1		0
Urticina (Tealia) felina			1			
ENTROPROCTA		0		0		0
Class Ectoprocta	15		19		16	
RHYNCHOCOELA		1		0		0
Unid. Nemertea	1					
PLATYHELMINTHES		1		0		0
Unid.	1					
ASCHELMINTHES						
Class Nematoda		0		1		0
Unid.			1			

Reference 1 (continued)

	Ref 1-1		Ref 1-2		Ref 1-3	
	Species	Family	Species	Family	Species	Family
SPECIES Station 1	Rep 1		Rep 2		Rep 3	Total
Total organisms	345		375		137	857
Abundance (organisms/0.1 m²)	4259.0		4629.4		1691.3	10579.7
Abundance (organisms/0.1 m²) minus Caps	4234.3		4629.4		1691.3	10555.0
Species richness (No. species)	30		34		22	
Distance in meters	100		100		100	
Rel. Div. by sp.	0.496		0.611		0.501	
%Caps by sp	0.6		0.0		0.0	
FAMILY	Rep 1		Rep 2		Rep 3	Total
Total organisms	345		375		137	857
Abundance (organisms/0.1 m²)	4259.0		4629.4		1691.3	10579.7
Abundance (organisms/0.1 m²) minus Caps	4234.3		4629.4		1691.3	10555.0
Family richness (No. Families)	29		31		22	
Distance in meters	100		100		100	
Rel. Div. by Fam	0.462		0.598		0.442	
%Caps by Fam	0.6		0.0		0.0	

Reference 2

	Ref 2-1	#/Fam	Ref 2-2	#/Fam	Ref 2-3	#/Fam
ANNELIDA						
CLASS POLYCHAETA						
ORDER Phyllodocida						
Phyllodocidae		1		1		1
Eteone spp.	1				1	
Phyllodoce sp.			1			
Polynoidae		6		4		3
Harmothoe sp.	6		4		3	
Goniadidae		1		0		1
Goniada spp.	1				1	
Syllidae		0		1		0
Exogone spp.			1			
ORDER Capitellida						
Maldanidae		1		0		1
Praxillella praetermisa	1				1	
Opheliidae		0		1		0
Ophelina acuminata			1			
ORDER Spionida						
Spionidae		0		5		1
Marenzelleria (Scolecolepedis) viridis			5		1	
Paraonidae		1		0		0
Tauberia gracilis	1					
ORDER Eunicida						
Eunicidae		3		1		0
Onuphis (Nothria) conchylega	3		1			
Lumbrineridae		0		1		0
Lumbrineris spp.			1			
ORDER Cirratulida						
Cirratulidae		0		1		1
Tharyx spp.			1		1	
ORDER Terebellida						
Pectinaridae		0		1		0
Cistena granulata			1			
Terebellidae		1		1		1
Polycirrus sp.	1		1		1	
ORDER Sabellida						
Serpulidae		1		0		0
Spirorbis spp.	1					

Reference 2 (continued)

	Ref 2-1	#/Fam	Ref 2-2	#/Fam	Ref 2-3	#/Fam
ARTHROPODA						
CLASS MALCOSTRACA						
Order Amphipoda						
Aoridae		0		1		0
Unciola sp.			1			
Corophiidae		1		2		0
Corophium spp.			1			
Erichthonius sp.	1		1			
Gammaridae		1		0		0
Gammarus sp.	1					
Metilidae		4		0		1
Casco bigelowi	4				1	
Order Caprellidea						
Caprellidae		7		2		0
Caprella spp.	6		1			
Aeginina spinosa	1		1			
CLASS MAXILLOPODA						
Order Thoracica						
Balanidae		10		10		8
Balanus sp.	10		10		8	
CLASS PANTOPODA						
ORDER						
Ammotheidae		0		1		0
Achelia sp.			1			
ECHINODERMATA						
Class Stelleroidea						
Order Ophiurida						
Ophiuridae		1		0		0
Ophiura sp.	1					
Ophiactidae		7		0		0
Ophiopholis sp.	7					
MOLLUSCA						
Class Polyplacophora						
Order Neoloricata						
Ischnochitonidae		1		0		0
Stenosemus (Ischnochiton) albus	1					

Reference 2 (continued)

	Ref 2-1	#/Fam	Ref 2-2	#/Fam	Ref 2-3	#/Fam
MOLLUSCA						
Class Gastropoda						
Order Archaeogastropoda						
Trochidae		2		0		0
Margarites spp.	2					
Order Mesogastropoda						
Calyptracidae		0		0		1
Crucibulum striatum					1	
Order Nudibranchia						
Lamellidorididae		1		0		1
Onchidoris sp.	1				1	
Dotonidae		0		1		0
Doto coronata			1			
Class Bivalvia						
Order Pteroconchida						
Mytilidae		15		7		14
Crenella glandula			2			
Modiolus modiolus	15		5		13	
Mytilus edulis					1	
Pectinidae		1		0		0
Placopecten magellanicus	1					
Anomiidae		753		434		171
Anomia sp	753		434		171	
Order Heterodontida						
Carditidae		0		2		0
Cyclocardia (Cardita) borealis			2			
Cardiidae		1		1		2
Cerastoderma pinnulatum	1		1		2	
Tellinidae		0		1		0
Macoma sp.			1			
Myidae		2		0		0
Mya arenaria	1					
Mya truncata	1					
Hiatellidae		27		14		6
Hiatella striata	27		14		6	
Order Eudesmodontia						
Lyonsiidae		1		0		0
Lyonsia arenosa	1					

Reference 2 (continued)

	Ref 2-1	#/Fam	Ref 2-2	#/Fam	Ref 2-3	#/Fam
CHORDATA						
Class Ascidiacea						
Order Pleurogona						
Pyuridae		0		0		1
Boltenia echinata					1	
Mogulidae		0		2		1
Molgula sp.			2		1	
CNIDARIA						
Class Hydrozoa						
Order Athecata						
Tubulariidae		1		0		0
Tubularia sp.	1					
ENTROPROCTA		0		0		0
Class Ectoprocta	34		57		12	
SPECIES	**Rep 1**		**Rep 2**		**Rep 3**	**Total**
Total organisms	**885**		**552**		**227**	**1664**
Abundance (organisms/0.1 m²)	**10925.3**		**6814.4**		**2802.3**	**20542.1**
Abundance (organisms/0.1 m²) minus Caps	**10925.3**		**6814.4**		**2802.3**	**20542.1**
Species richness (No. species)	**29**		**27**		**19**	
Distance in meters	**100**		**100**		**100**	
Rel. Div. by sp.	**0.235**		**0.293**		**0.385**	
%Caps by sp	**0.0**		**0.0**		**0.0**	
FAMILY	**Rep 1**		**Rep 2**		**Rep 3**	**Total**
Total organisms	**885**		**552**		**227**	**1664**
Abundance (organisms/0.1 m²)	**10925.3**		**6814.4**		**2802.3**	**20542.1**
Abundance (organisms/0.1 m²) minus Caps	**10925.3**		**6814.4**		**2802.3**	**20542.1**
Family richness (No. Families)	**27**		**24**		**18**	
Distance in meters	**100**		**100**		**100**	
Rel. Div. by Fam	**0.199**		**0.221**		**0.3**	
%Caps by Fam	**0.0**		**0.0**		**0.0**	

Appendix III

Dissolved oxygen profiles data

To Be Completed

Appendix III

Dissolved oxygen profiles data

To Be Completed

Water column profile

Profile 1 Summary

Date/Time	Depth	Temp	Salinity	DO Conc.	DO%	NTU
M/D/Y	m	C	ppt	mg/L	%	
10/3/2013 6:28	0.6	12.3	32.8	8.6	98.2	3.9
10/3/2013 6:28	1.0	12.3	32.8	8.5	97.8	4.1
10/3/2013 6:28	2.0	12.3	32.8	8.5	97.3	3.9
10/3/2013 6:28	3.0	12.3	32.8	8.5	97.0	3.7
10/3/2013 6:28	4.5	12.3	32.8	8.5	97.0	3.7
10/3/2013 6:28	5.0	12.3	32.8	8.5	96.8	3.6
10/3/2013 6:28	6.0	12.3	32.8	8.4	96.5	3.5
10/3/2013 6:28	6.8	12.3	32.8	8.4	96.4	3.4
10/3/2013 6:28	8.3	12.3	32.8	8.4	96.3	3.4
10/3/2013 6:28	9.0	12.3	32.8	8.4	96.3	3.4
10/3/2013 6:28	10.0	12.3	32.8	8.4	96.1	3.4
10/3/2013 6:28	11.0	12.3	32.8	8.3	95.7	3.3
10/3/2013 6:28	12.1	12.3	32.8	8.3	94.9	3.4
10/3/2013 6:28	14.0	12.3	32.8	8.2	94.6	3.4
10/3/2013 6:28	15.0	12.3	32.8	8.2	93.9	3.3
10/3/2013 6:28	16.0	12.3	32.8	8.2	93.5	3.6
10/3/2013 6:28	17.1	12.3	32.8	8.1	93.4	3.5
10/3/2013 6:28	18.8	12.3	32.8	8.1	93.4	3.6
10/3/2013 6:28	19.1	12.3	32.8	8.2	93.5	3.6
10/3/2013 6:28	20.0	12.3	32.8	8.2	93.9	3.5
10/3/2013 6:28	21.1	12.3	32.8	8.2	94.1	3.6
10/3/2013 6:29	21.8	12.3	32.8	8.3	94.8	3.4

DateTime	Depth	Temp	Salinity	DO Conc	DO%	
M/D/Y	m	C	ppt	mg/L	%	NTU
10/3/2013 6:28	0.6	12.3	32.8	8.6	98.2	3.9
10/3/2013 6:28	0.7	12.3	32.8	8.6	98.1	4.3
10/3/2013 6:28	0.7	12.3	32.8	8.6	98.1	4.3
10/3/2013 6:28	0.7	12.3	32.8	8.6	98.0	4.3
10/3/2013 6:28	0.8	12.3	32.8	8.5	98.0	4.2
10/3/2013 6:28	0.8	12.3	32.8	8.5	97.9	4.2
10/3/2013 6:28	0.9	12.3	32.8	8.5	97.8	4.1
10/3/2013 6:28	1.0	12.3	32.8	8.5	97.8	4.1
10/3/2013 6:28	1.1	12.3	32.8	8.5	97.7	4.0
10/3/2013 6:28	1.2	12.3	32.8	8.5	97.7	4.0
10/3/2013 6:28	1.3	12.3	32.8	8.5	97.6	4.0
10/3/2013 6:28	1.4	12.3	32.8	8.5	97.5	3.9
10/3/2013 6:28	1.5	12.3	32.8	8.5	97.5	3.9
10/3/2013 6:28	1.7	12.3	32.8	8.5	97.4	3.9
10/3/2013 6:28	1.8	12.3	32.8	8.5	97.4	3.9
10/3/2013 6:28	2.0	12.3	32.8	8.5	97.3	3.9
10/3/2013 6:28	2.1	12.3	32.8	8.5	97.3	3.9
10/3/2013 6:28	2.3	12.3	32.8	8.5	97.2	3.9
10/3/2013 6:28	2.5	12.3	32.8	8.5	97.2	3.8
10/3/2013 6:28	2.6	12.3	32.8	8.5	97.1	3.8
10/3/2013 6:28	2.8	12.3	32.8	8.5	97.1	3.7
10/3/2013 6:28	3.0	12.3	32.8	8.5	97.0	3.7
10/3/2013 6:28	4.5	12.3	32.8	8.5	97.0	3.7
10/3/2013 6:28	4.8	12.3	32.8	8.5	96.9	3.7
10/3/2013 6:28	4.9	12.3	32.8	8.5	96.9	3.7
10/3/2013 6:28	5.0	12.3	32.8	8.5	96.8	3.6
10/3/2013 6:28	5.2	12.3	32.8	8.4	96.8	3.6
10/3/2013 6:28	5.3	12.3	32.8	8.4	96.8	3.6
10/3/2013 6:28	5.4	12.3	32.8	8.4	96.7	3.6
10/3/2013 6:28	5.5	12.3	32.8	8.4	96.7	3.6
10/3/2013 6:28	5.6	12.3	32.8	8.4	96.6	3.6
10/3/2013 6:28	5.7	12.3	32.8	8.4	96.6	3.6
10/3/2013 6:28	5.8	12.3	32.8	8.4	96.6	3.6
10/3/2013 6:28	6.0	12.3	32.8	8.4	96.5	3.5
10/3/2013 6:28	6.1	12.3	32.8	8.4	96.5	3.5
10/3/2013 6:28	6.2	12.3	32.8	8.4	96.5	3.5
10/3/2013 6:28	6.4	12.3	32.8	8.4	96.4	3.5
10/3/2013 6:28	6.6	12.3	32.8	8.4	96.4	3.4
10/3/2013 6:28	6.8	12.3	32.8	8.4	96.4	3.4
10/3/2013 6:28	8.3	12.3	32.8	8.4	96.3	3.4
10/3/2013 6:28	8.6	12.3	32.8	8.4	96.3	3.4
10/3/2013 6:28	8.8	12.3	32.8	8.4	96.3	3.4
10/3/2013 6:28	9.0	12.3	32.8	8.4	96.3	3.4
10/3/2013 6:28	9.3	12.3	32.8	8.4	96.2	3.4
10/3/2013 6:28	9.6	12.3	32.8	8.4	96.2	3.4

DateTime	Depth	Temp	Salinity	DO Conc	DO%	
M/D/Y	m	C	ppt	mg/L	%	NTU
10/3/2013 6:28	9.8	12.3	32.8	8.4	96.2	3.4
10/3/2013 6:28	10.0	12.3	32.8	8.4	96.1	3.4
10/3/2013 6:28	10.2	12.3	32.8	8.4	96.1	3.4
10/3/2013 6:28	10.3	12.3	32.8	8.4	96.1	3.4
10/3/2013 6:28	10.3	12.3	32.8	8.4	96.1	3.4
10/3/2013 6:28	10.4	12.3	32.8	8.4	96.0	3.4
10/3/2013 6:28	10.5	12.3	32.8	8.4	96.0	3.4
10/3/2013 6:28	10.5	12.3	32.8	8.4	95.9	3.3
10/3/2013 6:28	10.6	12.3	32.8	8.4	95.9	3.3
10/3/2013 6:28	10.7	12.3	32.8	8.4	95.8	3.3
10/3/2013 6:28	10.8	12.3	32.8	8.4	95.8	3.3
10/3/2013 6:28	11.0	12.3	32.8	8.3	95.7	3.3
10/3/2013 6:28	11.1	12.3	32.8	8.3	95.6	3.3
10/3/2013 6:28	11.2	12.3	32.8	8.3	95.5	3.2
10/3/2013 6:28	11.4	12.3	32.8	8.3	95.4	3.4
10/3/2013 6:28	11.6	12.3	32.8	8.3	95.3	3.4
10/3/2013 6:28	11.7	12.3	32.8	8.3	95.1	3.4
10/3/2013 6:28	11.9	12.3	32.8	8.3	95.0	3.4
10/3/2013 6:28	12.1	12.3	32.8	8.3	94.9	3.4
10/3/2013 6:28	12.2	12.3	32.8	8.3	94.7	3.4
10/3/2013 6:28	13.8	12.3	32.8	8.3	94.6	3.4
10/3/2013 6:28	14.0	12.3	32.8	8.2	94.6	3.4
10/3/2013 6:28	14.2	12.3	32.8	8.2	94.5	3.4
10/3/2013 6:28	14.3	12.3	32.8	8.2	94.4	3.4
10/3/2013 6:28	14.4	12.3	32.8	8.2	94.3	3.4
10/3/2013 6:28	14.6	12.3	32.8	8.2	94.2	3.4
10/3/2013 6:28	14.7	12.3	32.8	8.2	94.1	3.4
10/3/2013 6:28	14.8	12.3	32.8	8.2	94.0	3.3
10/3/2013 6:28	14.9	12.3	32.8	8.2	94.0	3.3
10/3/2013 6:28	15.0	12.3	32.8	8.2	93.9	3.3
10/3/2013 6:28	15.1	12.3	32.8	8.2	93.9	3.3
10/3/2013 6:28	15.2	12.3	32.8	8.2	93.8	3.3
10/3/2013 6:28	15.3	12.3	32.8	8.2	93.7	3.3
10/3/2013 6:28	15.4	12.3	32.8	8.2	93.7	3.4
10/3/2013 6:28	15.6	12.3	32.8	8.2	93.6	3.6
10/3/2013 6:28	15.7	12.3	32.8	8.2	93.6	3.6
10/3/2013 6:28	15.9	12.3	32.8	8.2	93.5	3.6
10/3/2013 6:28	16.0	12.3	32.8	8.2	93.5	3.6
10/3/2013 6:28	16.1	12.3	32.8	8.2	93.5	3.6
10/3/2013 6:28	16.3	12.3	32.8	8.1	93.4	3.6
10/3/2013 6:28	16.4	12.3	32.8	8.1	93.4	3.5
10/3/2013 6:28	16.6	12.3	32.8	8.1	93.3	3.5
10/3/2013 6:28	16.8	12.3	32.8	8.1	93.3	3.5
10/3/2013 6:28	16.9	12.3	32.8	8.1	93.3	3.5

DateTime	Depth	Temp	Salinity	DO Conc	DO%	
M/D/Y	m	C	ppt	mg/L	%	NTU
10/3/2013 6:28	17.1	12.3	32.8	8.1	93.4	3.5
10/3/2013 6:28	17.3	12.3	32.8	8.1	93.4	3.5
10/3/2013 6:28	18.8	12.3	32.8	8.1	93.4	3.6
10/3/2013 6:28	19.1	12.3	32.8	8.2	93.5	3.6
10/3/2013 6:28	19.4	12.3	32.8	8.2	93.6	3.6
10/3/2013 6:28	19.6	12.3	32.8	8.2	93.7	3.5
10/3/2013 6:28	19.8	12.3	32.8	8.2	93.8	3.5
10/3/2013 6:28	20.0	12.3	32.8	8.2	93.9	3.5
10/3/2013 6:28	20.3	12.3	32.8	8.2	93.9	3.5
10/3/2013 6:28	20.6	12.3	32.8	8.2	94.0	3.5
10/3/2013 6:28	20.8	12.3	32.8	8.2	94.1	3.5
10/3/2013 6:28	21.1	12.3	32.8	8.2	94.1	3.6
10/3/2013 6:29	21.3	12.3	32.8	8.2	94.1	3.6
10/3/2013 6:29	21.4	12.3	32.8	8.2	94.2	3.5
10/3/2013 6:29	21.5	12.3	32.8	8.2	94.2	3.5
10/3/2013 6:29	21.6	12.3	32.8	8.2	94.2	3.5
10/3/2013 6:29	21.7	12.3	32.8	8.2	94.6	3.5
10/3/2013 6:29	21.7	12.3	32.8	8.3	94.6	3.5
10/3/2013 6:29	21.7	12.3	32.8	8.3	94.6	3.5
10/3/2013 6:29	21.7	12.3	32.8	8.3	94.6	3.5
10/3/2013 6:29	21.7	12.3	32.8	8.3	94.7	3.5
10/3/2013 6:29	21.8	12.3	32.8	8.3	94.7	3.5
10/3/2013 6:29	21.8	12.3	32.8	8.3	94.7	3.5
10/3/2013 6:29	21.8	12.3	32.8	8.3	94.7	3.5
10/3/2013 6:29	21.8	12.3	32.8	8.3	94.8	3.4
10/3/2013 6:29	21.8	12.3	32.8	8.3	94.8	3.4
Mean	**11.4**	**12.3**	**32.8**	**8.3**	**95.5**	**3.6**
Max	**21.8**	**12.3**	**32.8**	**8.6**	**98.2**	**4.3**
Min	**0.6**	**12.3**	**32.8**	**8.1**	**93.3**	**3.2**

Water column profile

Profile 2 Summary

Date/Time	Depth	Temp	Salinity	DO Conc.	DO%	NTU
M/D/Y	m	C	ppt	mg/L	%	
10/3/2013 6:32	0.1	12.2	32.8	8.7	99.7	7.9
10/3/2013 6:32	1.0	12.3	32.8	8.6	98.7	7.9
10/3/2013 6:32	3.0	12.3	32.8	8.6	98.4	7.9
10/3/2013 6:32	4.0	12.3	32.8	8.6	98.1	7.9
10/3/2013 6:32	5.0	12.3	32.8	8.5	97.8	7.9
10/3/2013 6:32	6.1	12.3	32.8	8.5	97.1	7.9
10/3/2013 6:32	8.1	12.3	32.8	8.4	96.8	7.9
10/3/2013 6:32	9.2	12.3	32.8	8.4	96.6	7.9
10/3/2013 6:32	10.0	12.3	32.8	8.4	96.2	7.9
10/3/2013 6:32	11.1	12.3	32.8	8.3	95.6	7.9
10/3/2013 6:32	13.1	12.3	32.8	8.3	95.4	7.9
10/3/2013 6:32	14.0	12.3	32.8	8.3	95.0	7.9
10/3/2013 6:33	15.0	12.3	32.8	8.2	94.5	7.9
10/3/2013 6:33	16.0	12.3	32.8	8.2	94.5	7.8
10/3/2013 6:33	17.5	12.3	32.8	8.3	94.6	7.8
10/3/2013 6:33	18.0	12.3	32.8	8.3	94.7	7.8
10/3/2013 6:33	19.0	12.3	32.8	8.3	94.8	7.8
10/3/2013 6:33	19.7	12.3	32.8	8.3	94.8	7.8

DateTime	Depth	Temp	Salinity	DO Conc	DO%	
M/D/Y	m	C	ppt	mg/L	%	NTU
10/3/2013 6:32	0.1	12.2	32.8	8.7	99.7	3.1
10/3/2013 6:32	0.1	12.2	32.8	8.7	99.6	3.1
10/3/2013 6:32	0.1	12.2	32.8	8.7	99.6	3.1
10/3/2013 6:32	0.1	12.2	32.8	8.7	99.5	3.1
10/3/2013 6:32	0.1	12.2	32.8	8.7	99.4	3.1
10/3/2013 6:32	0.2	12.2	32.8	8.7	99.4	3.1
10/3/2013 6:32	0.2	12.2	32.8	8.7	99.3	3.1
10/3/2013 6:32	0.2	12.2	32.8	8.7	99.2	3.1
10/3/2013 6:32	0.3	12.3	32.8	8.7	99.1	3.1
10/3/2013 6:32	0.4	12.3	32.8	8.6	99.1	3.1
10/3/2013 6:32	0.5	12.3	32.8	8.6	99.0	3.1
10/3/2013 6:32	0.6	12.3	32.8	8.6	98.9	3.1
10/3/2013 6:32	0.7	12.3	32.8	8.6	98.8	3.1
10/3/2013 6:32	0.8	12.3	32.8	8.6	98.8	3.1
10/3/2013 6:32	1.0	12.3	32.8	8.6	98.7	3.2
10/3/2013 6:32	1.1	12.3	32.8	8.6	98.6	3.2
10/3/2013 6:32	1.3	12.3	32.8	8.6	98.6	3.2
10/3/2013 6:32	1.5	12.3	32.8	8.6	98.5	3.3
10/3/2013 6:32	3.0	12.3	32.8	8.6	98.4	3.3
10/3/2013 6:32	3.3	12.3	32.8	8.6	98.3	3.3
10/3/2013 6:32	3.5	12.3	32.8	8.6	98.3	3.3
10/3/2013 6:32	3.8	12.3	32.8	8.6	98.2	3.2
10/3/2013 6:32	4.0	12.3	32.8	8.6	98.1	3.2
10/3/2013 6:32	4.2	12.3	32.8	8.6	98.0	3.2
10/3/2013 6:32	4.5	12.3	32.8	8.5	98.0	3.2
10/3/2013 6:32	4.7	12.3	32.8	8.5	97.9	3.2
10/3/2013 6:32	4.9	12.3	32.8	8.5	97.8	3.2
10/3/2013 6:32	5.0	12.3	32.8	8.5	97.8	3.2
10/3/2013 6:32	5.1	12.3	32.8	8.5	97.7	3.2
10/3/2013 6:32	5.2	12.3	32.8	8.5	97.6	3.2
10/3/2013 6:32	5.3	12.3	32.8	8.5	97.6	3.2
10/3/2013 6:32	5.3	12.3	32.8	8.5	97.5	3.2
10/3/2013 6:32	5.4	12.3	32.8	8.5	97.4	3.2
10/3/2013 6:32	5.5	12.3	32.8	8.5	97.4	3.2
10/3/2013 6:32	5.6	12.3	32.8	8.5	97.3	3.2
10/3/2013 6:32	5.7	12.3	32.8	8.5	97.2	3.2
10/3/2013 6:32	5.8	12.3	32.8	8.5	97.2	3.2
10/3/2013 6:32	5.9	12.3	32.8	8.5	97.1	3.2
10/3/2013 6:32	6.1	12.3	32.8	8.5	97.1	3.2
10/3/2013 6:32	6.2	12.3	32.8	8.5	97.0	3.2
10/3/2013 6:32	6.4	12.3	32.8	8.5	96.9	3.2
10/3/2013 6:32	6.6	12.3	32.8	8.4	96.8	3.2
10/3/2013 6:32	8.1	12.3	32.8	8.4	96.8	3.2
10/3/2013 6:32	8.4	12.3	32.8	8.4	96.7	3.2
10/3/2013 6:32	8.6	12.3	32.8	8.4	96.7	3.2

DateTime	Depth	Temp	Salinity	DO Conc	DO%	
M/D/Y	m	C	ppt	mg/L	%	NTU
10/3/2013 6:32	8.9	12.3	32.8	8.4	96.6	3.2
10/3/2013 6:32	9.2	12.3	32.8	8.4	96.6	3.2
10/3/2013 6:32	9.4	12.3	32.8	8.4	96.5	3.2
10/3/2013 6:32	9.6	12.3	32.8	8.4	96.4	3.2
10/3/2013 6:32	9.7	12.3	32.8	8.4	96.4	3.2
10/3/2013 6:32	9.8	12.3	32.8	8.4	96.3	3.2
10/3/2013 6:32	9.9	12.3	32.8	8.4	96.3	3.2
10/3/2013 6:32	10.0	12.3	32.8	8.4	96.2	3.2
10/3/2013 6:32	10.2	12.3	32.8	8.4	96.2	3.2
10/3/2013 6:32	10.3	12.3	32.8	8.4	96.1	3.2
10/3/2013 6:32	10.4	12.3	32.8	8.4	96.0	3.2
10/3/2013 6:32	10.6	12.3	32.8	8.4	95.9	3.2
10/3/2013 6:32	10.7	12.3	32.8	8.4	95.9	3.2
10/3/2013 6:32	10.9	12.3	32.8	8.4	95.8	3.2
10/3/2013 6:32	11.1	12.3	32.8	8.3	95.6	3.2
10/3/2013 6:32	11.2	12.3	32.8	8.3	95.5	3.2
10/3/2013 6:32	12.7	12.3	32.8	8.3	95.5	3.2
10/3/2013 6:32	13.1	12.3	32.8	8.3	95.4	3.2
10/3/2013 6:32	13.3	12.3	32.8	8.3	95.3	3.2
10/3/2013 6:32	13.6	12.3	32.8	8.3	95.2	3.2
10/3/2013 6:32	13.8	12.3	32.8	8.3	95.1	3.2
10/3/2013 6:32	14.0	12.3	32.8	8.3	95.0	3.2
10/3/2013 6:33	14.2	12.3	32.8	8.3	94.9	3.2
10/3/2013 6:33	14.3	12.3	32.8	8.3	94.8	3.2
10/3/2013 6:33	14.4	12.3	32.8	8.3	94.8	3.2
10/3/2013 6:33	14.6	12.3	32.8	8.3	94.7	3.2
10/3/2013 6:33	14.7	12.3	32.8	8.3	94.7	3.2
10/3/2013 6:33	14.9	12.3	32.8	8.3	94.6	3.2
10/3/2013 6:33	15.0	12.3	32.8	8.2	94.5	3.2
10/3/2013 6:33	15.1	12.3	32.8	8.2	94.4	3.2
10/3/2013 6:33	15.3	12.3	32.8	8.2	94.4	3.2
10/3/2013 6:33	15.4	12.3	32.8	8.2	94.4	3.2
10/3/2013 6:33	15.6	12.3	32.8	8.2	94.4	3.2
10/3/2013 6:33	15.8	12.3	32.8	8.2	94.5	3.2
10/3/2013 6:33	16.0	12.3	32.8	8.2	94.5	3.2
10/3/2013 6:33	17.5	12.3	32.8	8.3	94.6	3.2
10/3/2013 6:33	17.7	12.3	32.8	8.3	94.6	3.2
10/3/2013 6:33	18.0	12.3	32.8	8.3	94.7	3.2
10/3/2013 6:33	18.3	12.3	32.8	8.3	94.7	3.2
10/3/2013 6:33	18.6	12.3	32.8	8.3	94.7	3.3
10/3/2013 6:33	18.8	12.3	32.8	8.3	94.8	3.3
10/3/2013 6:33	19.0	12.3	32.8	8.3	94.8	3.3
10/3/2013 6:33	19.2	12.3	32.8	8.3	94.9	3.3
10/3/2013 6:33	19.5	12.3	32.8	8.3	94.8	3.3

DateTime	Depth	Temp	Salinity	DO Conc	DO%	
M/D/Y	m	C	ppt	mg/L	%	NTU
10/3/2013 6:33	19.6	12.3	32.8	8.3	94.8	3.5
10/3/2013 6:33	19.6	12.3	32.8	8.3	94.8	3.4
10/3/2013 6:33	19.6	12.3	32.8	8.3	94.8	3.4
10/3/2013 6:33	19.6	12.3	32.8	8.3	94.8	3.5
10/3/2013 6:33	19.6	12.3	32.8	8.3	94.7	3.4
10/3/2013 6:33	19.6	12.3	32.8	8.3	94.8	3.4
10/3/2013 6:33	19.7	12.3	32.8	8.3	94.8	3.5
10/3/2013 6:33	19.6	12.3	32.8	8.3	94.9	3.4
10/3/2013 6:33	19.6	12.3	32.8	8.3	94.8	3.4
10/3/2013 6:33	19.6	12.3	32.8	8.3	94.8	3.4
Mean	**9.7**	**12.3**	**32.8**	**8.4**	**96.5**	**3.2**
Max	**19.7**	**12.3**	**32.8**	**8.7**	**99.7**	**3.5**
Min	**0.1**	**12.2**	**32.8**	**8.2**	**94.4**	**3.1**

BIG LIBBY ADCP DEPLOYMENT
MARCH 24-25, 2014
AVERAGING INTERVAL: 900s
PROFILING INTERVAL: 3600s

	DATE					CURRENT VELOCITY AT (x) METERS ABOVE BOTTOM (CM/S)																
PROFILE	YEAR	MONTH	DAY	HOUR	DEPTH (M)	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2	2014	3	24	13	15.328	45.3	45.8	46.4	47.7	48.2	49.2	49.5	49	48	49.2	48	48	47.7				
3	2014	3	24	14	15.828	48.4	49	47.8	48.6	50.5	49.9	51.5	52.8	54	55.9	56.9	55.9	55.2	48.1			
4	2014	3	24	15	16.625	60	64.3	66.5	65.1	66.2	65.7	68.1	67.2	68.8	68.6	67	67.5	68	69.7	66.7		
5	2014	3	24	16	17.518	53.4	53.6	58.3	59	62.3	61.7	62.7	63.9	65.1	65.5	66.8	67.6	67	66.8	69.7	65.8	
6	2014	3	24	17	18.282	33.4	33.5	35.3	35.3	36.3	38.2	38.5	38.5	38.2	40.2	40.6	41.6	42.2	42.4	41.6	43	
7	2014	3	24	18	18.702	19.1	14.7	15.3	16.6	17.6	17.8	17.1	17.9	18.1	17.4	16.4	17.5	17	18.9	15.7	18.6	16.2
8	2014	3	24	19	18.684	9.8	13	12.1	15.1	15.1	14.4	16.7	16.4	17.6	17.8	19.5	20.4	21.4	19.8	23.5	24.1	22.1
9	2014	3	24	20	18.267	25.9	25.9	26.2	26.2	28.4	29.3	30.9	31.6	32.3	34.1	31.6	32.5	31.8	31.5	34.5	32.6	
10	2014	3	24	21	17.557	5.5	5.6	6.6	5.7	8.2	7.2	7.4	7.9	7.6	6.8	7.6	9	5.9	6.5	6	5.4	
11	2014	3	24	22	16.733	18	19.1	21.1	22.1	22.2	20.9	22.4	21.5	21.7	21.9	22.6	20.5	22.5	23.2	18.2		
12	2014	3	24	23	16.011	25.4	22.4	23.9	25.1	22.7	23.7	23.5	23.2	22.6	24.9	24.2	23.5	22.3	21.6			
13	2014	3	25	0	15.534	15	12.2	11.8	10.5	9	9.1	7.2	8.9	8.7	8.5	10.1	10.8	8.6	7.7			
14	2014	3	25	1	15.468	14.6	12.5	9.3	10.7	11.6	12.7	13.9	14.7	16	17.9	16.9	19.2	20.7				
15	2014	3	25	2	15.855	48.1	44.2	46.7	46.6	46.8	47.8	47.7	47.7	48.2	48	47.2	46.1	45.2	42.5			
16	2014	3	25	3	16.568	45.2	46.9	49	48.9	49.2	51.2	50.1	50.4	49.4	51.2	51.2	50.2	48.6	47	38.3		
17	2014	3	25	4	17.461	55.4	59	60.3	63.2	63	63.2	63.4	64.5	67.2	67.8	66.6	67.1	66.4	67.6	66.7		
18	2014	3	25	5	18.348	36.5	38.6	40.3	40.7	40.9	42.7	44.1	44.2	46.2	47.6	49.6	50.3	49.8	49.9	49.2	49	
19	2014	3	25	6	18.959	19	19.5	20.9	20.8	21.1	23.1	21.6	24	23.6	23	25.4	25.7	25.8	25.1	26.5	26.7	25.5
20	2014	3	25	7	19.154	9.4	9.8	11.2	12.6	11.6	12.4	13.3	14.9	15.6	14	15.3	16.4	17.2	17.3	19	18.1	16.3
21	2014	3	25	8	18.855	18.6	20.4	20.5	21.3	19.6	23.1	20.7	22.1	22.5	21.8	22.5	22.3	22.2	22.5	23.8	22.2	18.4
					CELL AVG.	30.30	30.50	31.48	32.09	32.53	33.17	33.52	34.07	34.57	35.11	35.30	35.61	35.28	34.89	35.67	30.55	19.70

AVG (CM/S)	FLOOR	MID	CAGE BTM	SURFACE
	30.30	33.86	34.82	33.63

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