

CRUISE
NUMBER

9631

DAILY LOG

INSTITUTE OF OCEAN SCIENCES

OCEAN PHYSICS

DATE

VESSEL

PROJECT

Captain: Philip Crandall First Officer: Gary O'Donnell
Second Officer: _____ Third Officer: _____

Cruise Participants / Agencies: _____

Scientific Personnel: Party Chief: Fiona McLaughlin

Name	Watch	Cabin	Name	Watch	Cabin
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<u>Eddy Carmack</u>	_____	_____	_____	_____	_____
<u>JANET BARWELL-CLARKE</u>	_____	_____	_____	_____	_____
<u>DOUG SIEBERG</u>	_____	_____	_____	_____	_____
<u>JIM JOHNSON</u>	_____	_____	_____	_____	_____
<u>HUGH McLEAN</u>	_____	_____	_____	_____	_____
<u>BON VAN HARTENBERG</u>	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Second leg of cruise: Party Chief: _____

Name	Watch	Cabin	Name	Watch	Cabin
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_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Data logging system: Unit no.: _____

Program Name: _____ Program version: _____
CTD deck unit make: _____ model: _____ serial no.: _____
Computer make: _____ model: _____ serial no.: _____

1st CTD make: _____ model: _____ serial no.: _____
Temperature sensor model: _____ serial no.: _____
coefficients: slope: _____ offset: _____
Conductivity sensor model: _____ serial no.: _____
coefficients: slope: _____ offset: _____
Pressure sensor range: _____ psi serial no.: _____
coefficients: FSP: _____ dB offset: _____
Transmissometer model: _____ serial no.: _____
coefficients: slope: _____ offset: _____

Comments: _____

YEAR			MONTH			SHIP			CRUISE			PAGE		OF	
1996			September			CCGS Louis S. St-Laurent			9631			1			
DAY (UTC)	STATION ID	CAST TYPE	TIME (UTC)	TIME CODE	STD/HYDRO CONSEC #	LATITUDE	LONGITUDE	POSITION CODE	BOTTOM DEPTH (m)	MAX SAMPLING DEPTH (m)	CONSEC SAMPLE #	# OF BOTTLES	INIT	COMMENTS	
14/9	Am10	MOR	1310 1457	0810		70° 33.3' N	136° 49.4' W	GPS	763					mooring recovery	
15/9	Am10	ROS	1727	1227		70° 32.4' N	136° 56.7' W	- - -	826			23			
15/9	Am10	NET	1727			"	"	- - -	826	100m				bongo	
15/9	mc-01	CTD	1509 - 2009Z			70° 30.0' N	136° 39.6'	- - -				2			
15/9	mc-02	CTD	2072			70° 28.5'	136° 27.7'	- - -	1111			2			
15/9	mc-03	CTD	2308			70° 22.9'	136° 11.7'	- - -	57			2			
16/9	Am01	MOR	1500 - 1556			70° 32.2'	139° 59.2'	- - -	699					mooring recovery	
16/9	Am01	ROS	1621			70° 32.1'	139° 58.6'					23			
16/9	Am01	NET	1621			"	"							bongo	
16/9	Am01	MOR	1953 - 2300			70° 32.771	140° 03.602		710					mooring redaployment	
17/9	mc-04	CTD	1518			70° 42.4'	139° 35.8'		1700			0			
17/9	mc-05	ROS	2007			70° 26.6'	140° 12.1'		520			23			
17/9	mc-05	NET	2102			70° 26.6'	140° 12.1'							bongo	
18/9	mc-06	ROS	0000Z			70° 17.9'	140° 29.0'		194			23			
18/9	mc-06	NET	0100Z			"	"							bongo	
18/9	mc-07	ROS	1456	0856		70° 18.4' N	140° 47.8' W	GPS	95m			23		ROSETTE CTD CAST	
18/9	mc-07	NET	1510	0910		70° 18.6' N	140° 48.7'	GPS	100					BONGO NET CAST	

CAST TYPE - BOT - bottle cast
CTD - ctd
MOR - mooring

ROS - rosette
NET - net haul
DRF - drifter

USW - sea water loop

TIME CODE - BE - beginning time of cast
BO - bottom time of cast
EN - end of cast

DE - deployment time
MR - messenger release
RE - recover mooring

POSITION CODE - RAD - RADAR
GPS - GLOBAL
LOR - LORAN

DAILY LOG

OCEAN PHYSICS

INSTITUTE OF OCEAN SCIENCES

YEAR 1996			MONTH Sept.			SHIP Louis S. St-Laurent			CRUISE 9631				PAGE 2 OF	
DAY (UTC)	STATION ID	CAST TYPE	TIME (UTC)	TIME CODE	STD/HYDRO CONSEC #	LATITUDE	LONGITUDE	POSITION CODE	BOTTOM DEPTH (m)	MAX SAMPLING DEPTH (m)	CONSEC SAMPLE #	# OF BOTTLES	INIT	COMMENTS
18/09 1652	MC8	ROS	1652	BE 1652 BO 1703 EAI 1709		70°14.4'N	140°43.6'W	GPS	52m					ROSETTE CAST
18/09 1703	MC8	NET	1703			70°14.5'N	140°43.7	GPS	52m					BONGO NET.
18/09 1912	MC9	CTD	1912	1312(L)		70°06.12'N	140°54.4'SW	GPS	53m					CTD Cast
18/09	MC10	Net	2128	1528(L)		69°49.6'N	140°53.4'W	GPS	34m					Bongo Net
18/09	MC10	ROS	2128	1518(L)		69°49.7'N	140°53.5'W	GPS	34m					CTD Cast + Rosette
18/09	MC11	CTD	2335	1735(L)		69°53.6'N	140°00.0'W	GPS	40m					ROSETTE CAST
19/09	MC12	CTD	1414	0807		70°04.1'N	139°34.1'W	GPS	45m			2		ROSETTE CAST
19/09	MC13	CTD	1508	0908		70°08.4'N	139°22.2'W	GPS	192m			2		Rosette Cast /
19/09	MC14	CTD	1700	1100		70°15.5'N	139°03.1	GPS	483m					CTD / ROSETTE
19/09	MC15	ROS	2022	1422		70°24.12'N	138°38.60'W	GPS	639m					Rosette / CTD
19/09	MC15	Net	2029	1429		70°24.12'N	138°38.60'W	GPS	639m					Bongo Net
19/09	MC16	CTD	2250	1650		70°15.5'N	138°09.65'W	GPS	304m					CTD
20/09	MC17	CTD	0010	1810		70°09.4'N	138°29.6'W	GPS	304m					CTD
20/09	MC18	CTD	1448	0848		69°54.9'N	138°17.9'W	GPS	45m 4/12			2		CTD
20/09	MC19	CTD	1526	0926		69°55.3'N	138°06.9'W	GPS	109 4/12					CTD
20/09	MC20	CTD	1611	1011		69°55.5'N	138°50.2'W	GPS	199m 4/12					CTD
20/09	CM-3	—	1900	1300(L)		69°53.74'N	138°22.83'W	GPS	216m					Revised mooring CM-3/95
20/09	CM-3	Net	1937	1337(L)		69°53.8'N	138°23.7'W	GPS	216m					Bongo Net

CAST TYPE -

BOT -
CTD -
MOR -bottle cast
ctd
mooringROS -
NET -
DRF -rosette
net haul
dritter

USW -

sea water loop

TIME CODE -

BE -
BO -
EN -beginning time of cast
bottom time of cast
end of castDE -
MR -
RE -deployment time
messenger release
recover mooring

POSITION CODE -

RAD -
GPS -
LOR -RADAR
GLOBAL
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YEAR 1996			MONTH September			SHIP Louis S. St. Laurent			CRUISE 9631				PAGE 3 OF	
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20/9	CM3	ROS	1945	213450		69°53.9'N	138°23.9'W	GPS	216m					Rosette / CTD
20/9	MC21	CTD	2121	315210		69°42.7'N	138°27.1'W	GPS	156m					CTD cast
20/9	MC22	CTD	2220	1620L		69°38.4'N	138°46.2'W	GPS	51m					CTD cast.
20/9	MC23	CTD	2310	1710L		69°34.9'N	138°32.4	GPS	99m					CTD cast.
20/9	MC24	CTD	2347	1747L		69°30.5'N	138°32.4	GPS	34m					CTD cast.
21/9	MC25	CTD	0013	1813L		69°30.19'N	138°28.3	GPS	48m					CTD cast
21/9	CM2	MOR	0111	1911L		69°30.9'N	138°10.6	GPS						MOORING RETRIEVAL
21/9	MC26	CTD	1505	0905		69°11.7'N	137°59.9'W	GPS	23M			2		CTD CAST
21/9	MC27	CTD	1550	1050		69°18.1'N	138°09.6'W	GPS	33M			24		ROSETTE
21/9	CM-2	ROS	1730	1130		69°30.8'N	138°10.4'W	GPS	82m			24		ROSETTE / CAST
21/9	CM-2	NET	1734	1134		69°30.8'N	138°10.4'W	GPS	82m					BONGO NET CAST
21/9	MC-28	CTD	1912	13130		69°31.7'N	137°52.8'W	GPS	55m					CTD cast
21/9	MC-28.5	CTD	1953	13530		69°32.08'N	137°38.05'W	GPS	57m					CTD cast
21/9	MC29	CTD	2039	14390		69°32.4'N	137°21.8'W	GPS	52m					CTD cast
21/9	MC30	CTD	2209	1609		69°38.6'N	137°40.5	GPS	65m					CTD Cast
21/9	MC31	CTD	2254	1654		69°43.7'N	137°53.5'W	GPS	100m					CTD Cast
21/9	MC33	CTD	2350	1750		69°47.3'N	138°05.3'W	GPS	184m					CTD cast.
22/09	MC-34		1500	0900	CT	69°56.6'N	138°15'W	GPS	199m					CTD Cast

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ctd
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net haul
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sea water loop

TIME CODE -

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1996		SEPT.			Louis S. St-Laurent					9631			4			
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22/09	MC 35	CTD	1632	1032		69°57.1'N	137°47.8'W	GPS	91m 4/K			2		CTD CAST		
22/09	MC-36	CTD	1728	1128		69°57.6'N	137°34.2'W	GPS	61m 4/K			2		CTD Cast		
22/09	MC-37	CTD	1914	1314(1)		69°57.7'N	137°16.2'W	GPS	52m					CTD Cast		
22/09	MC-38	CTD	2015	1415(1)		70°03.88'N	137°34.49'W	GPS	72m					CTD Cast		
22/09	MC-39	CTD	2113 (2)	1513(4)		70°07.9'N	137°46.5'W	GPS	101m					CTD Cast		
22/09	MC-40	CTD	2153(2)	1553(4)		70°11.38'N	137°57.98'W	GPS	202m					CTD Cast		
23/09	MC-32	ROS	1503	1503		69°41.7'N	138°14.5'W	GPS	133m 4/K			24		Rosette cast		
23/09	MC 41	CTD	1719	1719		69°25.3'N	138°17.1'W	GPS	460m 4/K			2				
23/09	MC 42	CTD	1744	1719		69°23.2'N	138°22.9'W	GPS	22m 4/K			2		CTD		
23/09	MC 43	CTD	1937(2)	1337		69°22.9'N	137°37.1'W	GPS	44m					CTD		
23/09	MC 44	CTD	2049 (2)	1449(4)		69°22.8'N	137°10.1'W	GPS	24m					CTD		
23/09	MC 45	CTD	2103(2)	1503(4)		69°23.99'N	137°14.20'W	GPS	34m					CTD		
23/09	MC 46	CTD	2140(2)	1540(4)		69°26.2'N	137°26.0'W	GPS	47					CTD		
23/09	MC 47	CTD	2218(2)	1618		69°29.1'N	137°40.1'W	GPS	53					CTD		
24/09	MC 48	CTD	1421(2)	0821		70°14'N	135°19.8'W	GPS	42m					CTD		
24/09	MC 49	CTD	1545(2)	0945		70°08.9'N	134°51.1'W	GPS	30m			2		CTD		
24/09	MC 50	CTD	1717	1117		70°03.6'N	134°21.6'W	GPS	15m			2		CTD		

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