

CORC Mooring Summary
 Deployed LMG99-3 April 1999, Recovered LMG00-3A April 2000

Instrument	serial number	parameters	Cal date	Nom. depth	status
M19900	62° 30.292S	43° 17.717 W		1986	4 Apr 99 - 11 Apr 00
Moored Velocity Profiler		CTD, U, V			Appears to have collected full records
OEI VACM	320142f	u,v,p,t		1980m	no data. Failed soon after deployed
M29900	62° 37.054S	43° 12.725W		3140	3 Apr 99 - 11 Apr 00
OEI VACM	31f6796	u,v,p,t		2631	no data
SBE39	0110	t		2729	full record
SBE37	754	t,c,p		2804	full record
OEI VACM	31f3801	u,v,p,t		2882	no data
SBE39	0113	t		2980	full record
SBE39	0084	t		3055	full record
SBE37	751	t,c		3125	full record
RCM-8	12558	u,v,t,c		3130	full record
M39900	63° 31.041S	41° 47.180W		4560	2 Apr 99- 14 Apr 00
OEI VACM	3200175	u,v,p,t		4051	no data
SBE39	083	t		4124	full record
SBE37	753	t,c,p		4224	full record
SBE39	0114	t		4325	full record
SBE39	0082	t		4425	full record
SBE37	752	t,c		4535	full record
ADCP WH300	299	u,v,t		4550	full record, but sporadic returns

CORC Mooring Summary
 Deployed April 2000 LMG00-3A
 Recovered Feb 2001 Ary Rongel ARXIX

Instrument	serial number	parameters	Cal date	depth	comments/status
M10001	62° 30.297S	43° 18.033 W		1986	15 Apr 2000 - 21 Feb 2001
Argos xmitter	21427				
Moored Velocity Profiler	2	CTD, U, V			whoi - not debriefed during cruise
Aanderaa RCM8	12558	u,v,t,c		1980m	full record
Release	016777				
Release	904429				
M20001	62° 37.219S	43° 13.729W		3121	15 Apr 2000 - 22 Feb 2001
Aanderaa RCM8	12670	u,v,p,t		2610	full record
SBE37	753	t,c,p		2660	no data
SBE39	234	t		2785	full record
SBE39	083	t		2886	no data
SBE39	114	t		3011	full record
SBE37	754	t,c,p		3106	full record
ADCP	299	u,v,t		3111	full record, though low echo amplitudes throughout most of record
Release	25181				new - did not release
Release	23969				redeployed with new battery - released
M30001	63° 31.461S	41° 47.471W		4602	Deployed 14 Apr 2000 not recovered in Feb 2001-could not reach site due to sea ice
Aanderaa RCM8	12677	u,v,p,t		4091	
SBE37	751	t,c		4141	
SBE39	110	t		4266	
SBE39	113	t		4367	
SBE39	229	t		4492	
SBE37	1351	t,c,p		4567	
Aanderaa RCM8	12669	u,v,t		4592	
Release	23970				redeployed with new battery
Release	25182				new

CORC Mooring Summary
 Deployed Feb 2001 Ary Rongel ARXIX
 Recovered NBP01-06 Nov 2001

Instrument	serial number	parameters	Cal date	depth	comments/status
M10103	62° 30.174S	43° 17.937 W		1939	Feb 22 2027Z
Argos xmitter	21427				
Moored Velocity Profiler	3	CTD, U, V			whoi
Release	15969				
					Recovery not attempted during NBP01-06 per request of J Toole
M20101	62° 37.414S	43° 14.909W		3044	23 Feb 2001 - 23 Nov 2001
Aanderaa RCM8	12670	u,v,p,t		2528	Recovered full record. Spd and dir invalid. Appears that cm fouled upon deployment, rotor and vane immobilized. P and t should be ok
SBE37	754	t,c,p	981111	2578	Recovered full record. Returned for calibration
SBE39	234	t	991228	2703	Full record – ret for calibration
SBE39	084	t	000905	2804	Full record
SBE39	082	t	001019	2929	Full record
SBE37	752	t,c	000829	3014	Full record
ADCP	299	u,v,t		3029	Full record. Echo ampl dropped to near zero shortly after deployment..
Release	23971				Released.. ascent confirmed with range check, est ascent rate 62 m/min
Release	23972				Not commanded to release while at depth – later released on deck.
M30001	63° 31.461S	41° 47.471W		4602	14 Apr 2000 - 21 Nov 2001 not recovered in Feb 2001-could not reach site due to sea ice.
Aanderaa RCM8	12677	u,v,p,t		4091	Full record
SBE37	751	t,c	981111	4141	Full record - ret for calibration
SBE39	110	t	990117	4266	Full record – ret for calibration
SBE39	113	t	990117	4367	Full record
SBE39	229	t	991228	4492	Full record
SBE37	1351	t,c,p	000111	4567	Full record
Aanderaa RCM8	12669	u,v,t		4592	Full record
Release	23970				Redeployed with new battery Released
Release	25182				New Released. Note- no 2 second ping mode. All replies were at 1 sec rate.

CORC Mooring Summary
 Deployed NBP01-06 Nov 2001

Instrument	serial number	parameters	Cal date	depth	comments/status
M10103	62° 30.174S	43° 17.937 W		1939	Deployed from AR Feb 22 2027Z
Argos xmitter	21427				
Moored Velocity Profiler	3	CTD, U, V			whoi
Release	15969				
					<i>Recovery/redeployment not attempted during NBP01-06 per request of J Toole</i>
M20103	62° 37.435S	43° 14.881W		3059	24 Nov 2001 1948Z
Aanderaa RCM8	12670	u,v,p,t		2543	
SBE37	752	t,c,p	000829	2593	
SBE39	084	t	000905	2718	
SBE39	082	t	001019	2819	
SBE39	114	t	010802	2944	
SBE37	1891	t,c,p	new	3029	
RCM8	12558	u,v,t		3044	
Release	23971				New battery
Release	23972				New battery
M30103	63° 31.367S	041° 47.202W		4565	22 Nov 2001 21:01Z (4604 m uncor on Knudsen 3.5kHz)
Aanderaa RCM8	12677	u,v,p,t		4049	
SBE37	1351	t,c,p	000111	4099	
SBE39	113	t	990117	4224	
SBE39	229	t	991228	4325	
SBE39	083	t	010802	4450	
SBE37	0753	t,c,p	010726	4535	
Aanderaa RCM8	12669	u,v,t		4550	
Release	23969				
Release	25181				

LMG04-04

(no recoveries possible due to ice conditions

- deployed M4)

Instrument	serial number	parameters	Cal date	depth	comments/status
M101	62° 30.174S	43° 17.937 W		1939	Deployed from AR Feb 22 2001 2027Z
Argos xmitter	21427				
Moored Velocity Profiler	3	CTD, U, V			whoi
Release	15969				
					<i>Recovery/redeployment not attempted during NBP01-06 per request of J Toole</i>
M201	62° 37.435S	43° 14.881W		3059	Deployed from NBP01-06 24 Nov 2001 1948Z
Aanderaa RCM8	12670	u,v,p,t		2543	
SBE37	752	t,c,p	000829	2593	
SBE39	084	t	000905	2718	
SBE39	082	t	001019	2819	
SBE39	114	t	010802	2944	
SBE37	1891	t,c,p	new	3029	
RCM8	12558	u,v,t		3044	
Release	23971				New battery
Release	23972				New battery
M301	63° 31.367S	041° 47.202W		4565	Deployed from NBP01-06 22 Nov 2001 21:01Z (4604 m uncor on Knudsen 3.5kHz)
Aanderaa RCM8	12677	u,v,p,t		4049	
SBE37	1351	t,c,p	000111	4099	
SBE39	113	t	990117	4224	
SBE39	229	t	991228	4325	
SBE39	083	t	010802	4450	
SBE37	0753	t,c,p	010726	4535	
Aanderaa RCM8	12669	u,v,t		4550	
Release	23969				
Release	25181				
M404	60° 39.164 S	042° 04.774 W		3637	Deployed 22 April 2004 22:59Z
SBE37	2711	t,c,p		3122	
SBE39	1586	t,p		3221	
SBE37	2710	t,c,p		3321	
SBE39	1310	t,p		3422	
SBE37	2956	t,c,p		3522	
SBE39	1247	t,p		3572	
SBE37	2678	t,c,p		3621	
Release 8242	32134				New
Release 8242	32135				new

LMG05-02

Instrument	serial number	parameters	Cal date	depth	comments/status
M101	62° 30.174S	43° 17.937 W		1939	Deployed from AR Feb 22 2001 2027Z
Argos xmitter	21427				
Moored Velocity Profiler	3	CTD, U, V			whoi
Release	15969				
					<i>Recovery/redeployment not attempted during NBP01-06 per request of J Toole. Recovery not attempted during LMG05-02 due to weather conditions and lack of time</i>
M201	62° 37.435S	43° 14.881W		3059	Deployed from NBP01-06 24 Nov 2001 1948Z Recovered 5 March 2005
Aanderaa RCM8	12670	u,v,p,t		2543	
SBE37	752	t,c,p	000829	2593	
SBE39	084	t	000905	2718	
SBE39	082	t	001019	2819	
SBE39	114	t	010802	2944	
SBE37	1891	t,c,p	new	3029	
RCM8	12558	u,v,t		3044	
Release	23971				New battery
Release	23972				New battery

Instrument	serial number	parameters	Cal date	depth	comments/status
M301	63° 31.367S	041° 47.202W		4565	Deployed from NBP01-06 22 Nov 2001 21:01Z (4604 m uncor on Knudsen 3.5kHz) Recovered 7 March 2005; redeployed 7 March 2005 (see below for redeployed mooring configuration)
Aanderaa RCM8	12677	u,v,p,t		4049	
SBE37	1351	t,c,p	000111	4099	
SBE39	113	t	990117	4224	
SBE39	229	t	991228	4325	
SBE39	083	t	010802	4450	
SBE37	0753	t,c,p	010726	4535	
Aanderaa RCM8	12669	u,v,t		4550	
Release	23969				
Release	25181				
M404	60° 39.164 S	042° 04.774 W		3637	Deployed 22 April 2004 22:59Z site visited Mar 2005, but weather, deck box failure, and time constraints prevented recovery in 2005. Subsequently recovered 2007 from RRS Ernest Shackleton ES-031
SBE37	2711	t,c,p	040110	3122	No data- instrument flooded
SBE39	1586	t,p	040130	3221	Stopped recording, low battery, pr sensor failed
SBE37	2710	t,c,p	040110	3321	Pressure sensor failed shortly after deployment
SBE39	1310	t,p	040127	3422	Stopped recording, low battery.
SBE37	2956	t,c,p	040110	3522	
SBE39	1247	t,p	021127	3572	Stopped recording, low battery, pr sensor failed
SBE37	2678	t,c,p	040110	3621	Pressure sensor failed shortly after deployment
Release 8242	32134				New
Release 8242	32135				new
M305	63° 31.325S	041° 47.064W		4601	Deployed from LMG05-2 7 March 2005 Recovered 28 Jan 2007 ES-031
sediment trap					Tangled upon recovery – no sample recovered
RCM8	12670	u,v,p,t		4085	
SBE37	1891	t,c,p	new 01	4135	
SBE39	1335	t	040213	4260	
SBE39	0082	t	001019	4361	
SBE39	0114	t		4486	No data
SBE37	752	t,c	000829	4571	
RCM8	12558	u, v, t		4586	
Release 8242	23971				
Release 8242	23972				