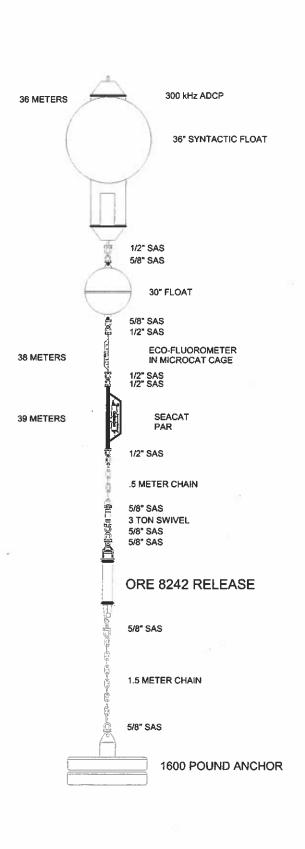
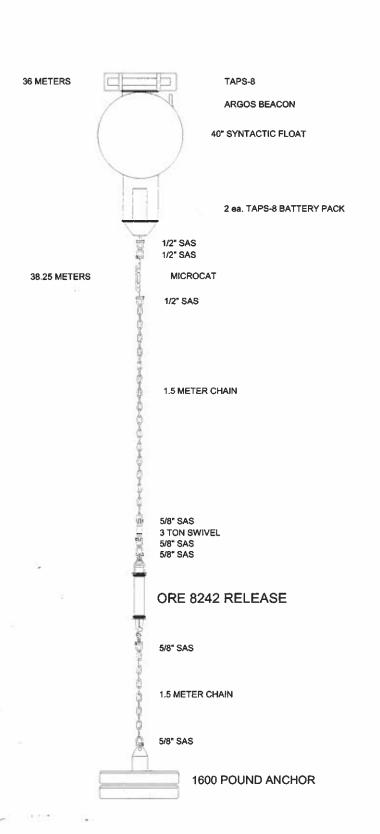


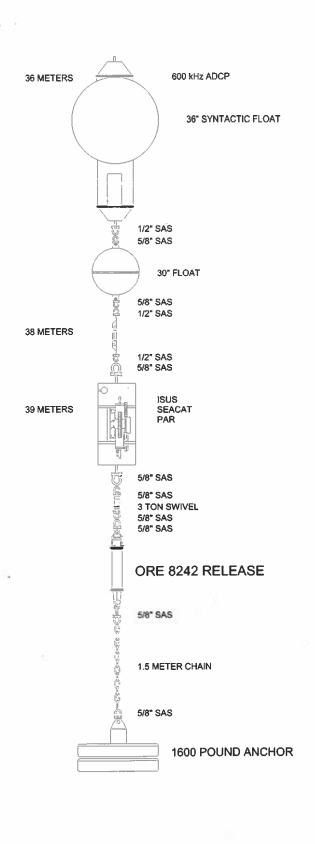
NSTRUMENT		DEPTH	M SERIAL NO.
ASL ICE		36	
RCM9.OX.TU.CON		39	
воттом		43	
MOORING:	7600 Sa Seattle, (206) 52	Wa. 98	t Way NE 1115
	13CKIP-	7A	
LOCATION:	СНИКС	HI SEA	, AK
RAWN BY:	Mike Craig	DATE:	19 APRIL 2013
APPROVED BY:	HVM	DATE:	14 MAY 2013



INSTRUMENT	DEPTH M	SERIAL NO.	
300 kHz ADCP	36		
ECOFLO	38		
SEACAT	39		
PAR	39		
воттом	43		
7600 Seattle	A-PMEL andpoint Wa , Wa. 98115	BY NE	
7600 S Seattle (206) S	andpoint Wa , Wa. 98115 26-6175	BY NE	
7600 S. Seattle (206) 5: MOORING: 13CKP-	andpoint Wa , Wa. 98115 26-6175 -8A	ny NE	
7600 S. Seattle (206) 5: MOORING: 13CKP-	andpoint W., Wa. 98115 26-6175 8A CHI SEA, A	ny NE	



INSTRUMENT [DEPTH M SERIAL NO.	
TAPS-8	36	
MICROCAT	38.25	
воттом	43	
7600 Sar Seattle, (206) 520	A-PMEL-FOCI ndpoint Way NE Wa. 98115 6-6175	
MOORING: 13CKT-14	A	
LOCATION: CHUKCI	HI SEA, AK	
DRAWN BY: Mike Craig	DATE: 13 APRIL 2013	
APPROVED BY:	DATE:	



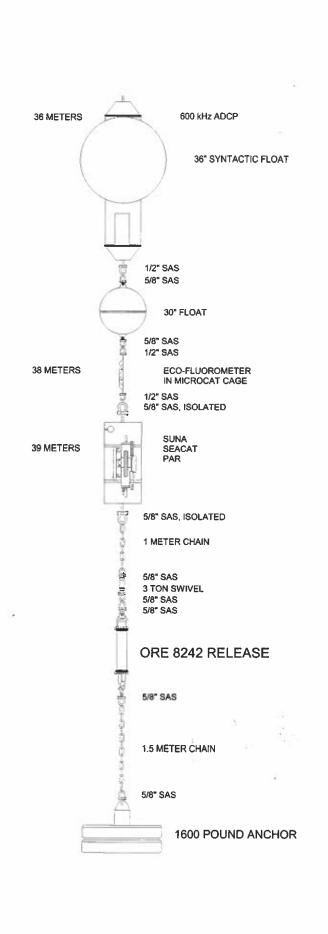
INSTRUMENT	DEPTH M SERIAL NO
600kHzADCP	35
ECOFLO	37
ISUS	38
SEACAT	38
PAR	38
воттом	42

MOORING: 13CKP-2A

LOCATION: CHUKCHI SEA, AK

DRAWN BY: Mike Craig Approved BY: HVM

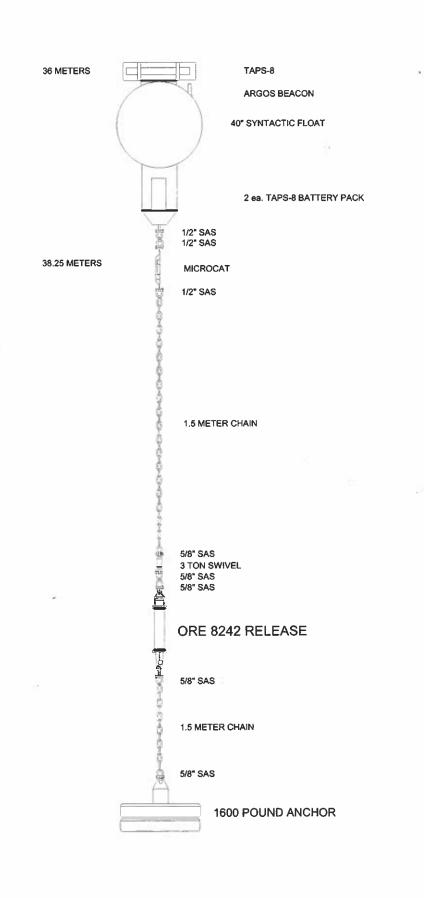
DATE: 14 MAY 2013



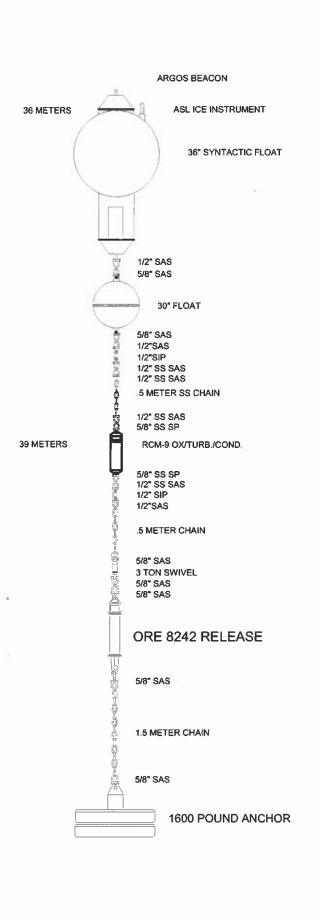
INSTRUMENT	DEPTH M SERIAL NO.
600kHzADCP	36
ECOFLO	38
SUNA	39
SEACAT	39
PAR	39
воттом	43
	AA-PMEL-FOCI

MOORING: 13CKP-7A

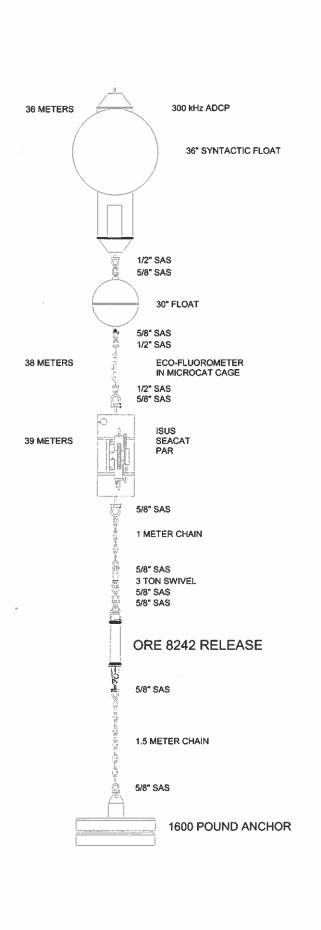
LOCATION: CHUKCHI SEA, AK



INSTRUMENT TAPS-8 MICROCAT	DEPTH M SERIAL NO 36 38.25		
воттом	43		
	andpoint Way NE		
Seattle,	. Wa. 98115		
(206) 52 MODRING:	26-6175		
(206) 52	26-6175		
(206) 52 MOORING: 13CKT-	26-6175		
(206) 52 MOORING: 13CKT-	26-6175 5A CHI SEA, AK	13	



LOCATION:	CHI SEA, A	K
MOORING: 13CKIP	26-6175 -5A	
7600 S	A-PMEL andpoint W. Wa. 9811	ay NE
BOTTOM	43	
RCM9/ox/turb.cond	39	
ASL ICE	36	
INSTRUMENT	1	SERIAL NO.



INSTRUMENT	DEPTH M SERIAL NO	
600kHzADCP	36	
ECOFLO	38	
ISUS	39	
SEACAT	39	
PAR	39	
BOTTOM	43	

MOORING:

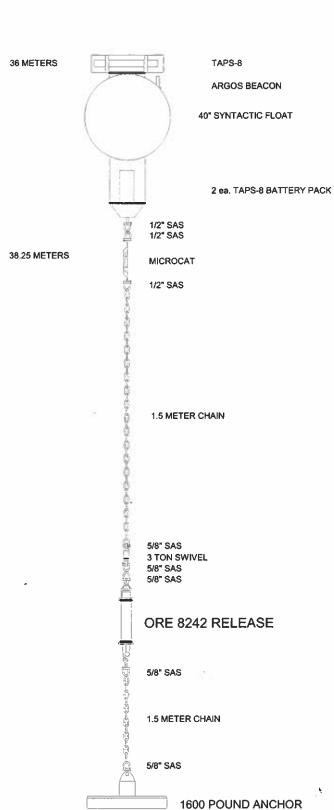
13CKP-5A

LOCATION: CHUKCHI SEA, AK

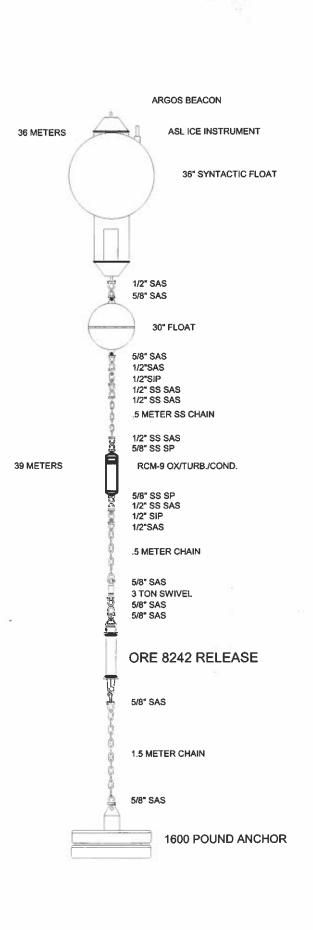
DRAWN BY:

Mike Craig 12 APRIL 2013
APPROVED BY:

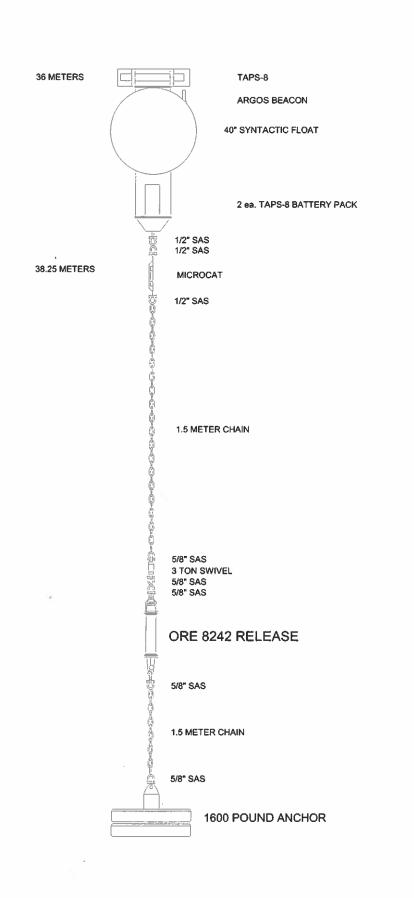
DATE:



INSTRUMENT	DEPTH	M SERIAL NO.
TAPS-8	36	
MICROCAT	38.25	<u> </u>
воттом	43	
Seattl	Sandpoint e, Wa. 981 526-6175 Г-7А	
LOCATION: CHUK	CHI SEA	, AK
ORAWN 8Y: Mike Cra	OATE:	18 APRIL 2013
IMING OIG		



13CKIP-7	A 11 SEA, A		_
7600 San Seattle, \	idpoint Wa Wa. 98115	sy NE	
1	43		
.CON	39		
	36		
D	EPTH M	SERIAL NO.	
	CON NOAA 7600 San Seattle, \((206) 526	36 CON 39 1 43 NOAA-PMEL 7600 Sandpoint W. Seattle, Wa. 98115 (206) 528-8175	CON 39 1 43 NOAA-PMEL-FOCI 7600 Sandpoint Way NE Seattle, Wa. 98115 (206) 526-8175

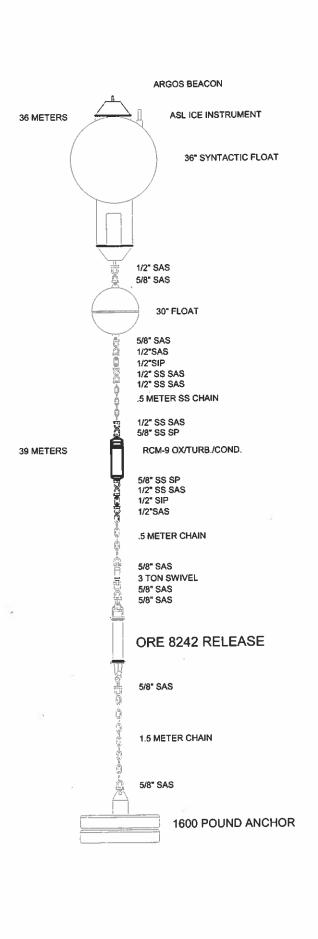


INSTRUMENT	DEPTH M SERIAL NO.
TAPS-8	36
MICROCAT	38.25
воттом	43
7600	AA-PMEL-FOCI Sandpoint Way NE

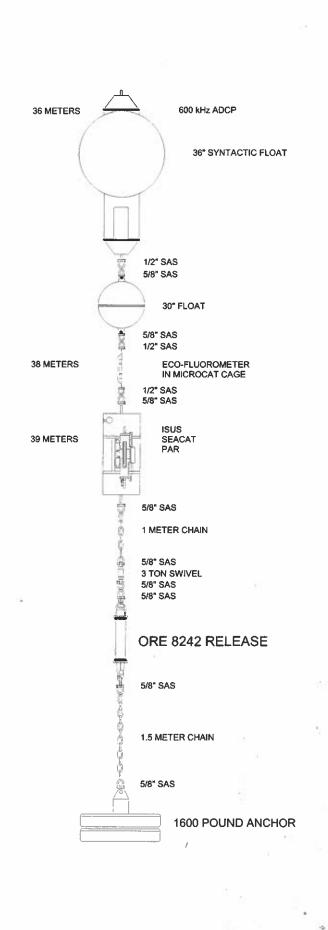
	Seattle, Wa. 98115 (206) 526-6175
MOORING:	13CKT-6A

OCATION:	CHUKCHI SEA, AK
----------	-----------------

RAWN BY:	Mike Craig	DATE:	18 APRIL 2013	
PPROVED BY:	HVM	DATE:	14 MAY 2013	



NSTRUMENT	DEPTH	M SERIAL NO.
ASL ICE	36	
RCM9.OX.TU.CON	39_	
воттом	43	
7600 Seattle	Sandpoint e, Wa. 981 526-6175	EL-FOCI Way NE 15
LOCATION: CHUR	CHI SEA	, AK
RAWN BY: Mike Crai	DATE:	19 APRIL 2013
APPROVED BY: HVM	DATE:	14 MAY 2013



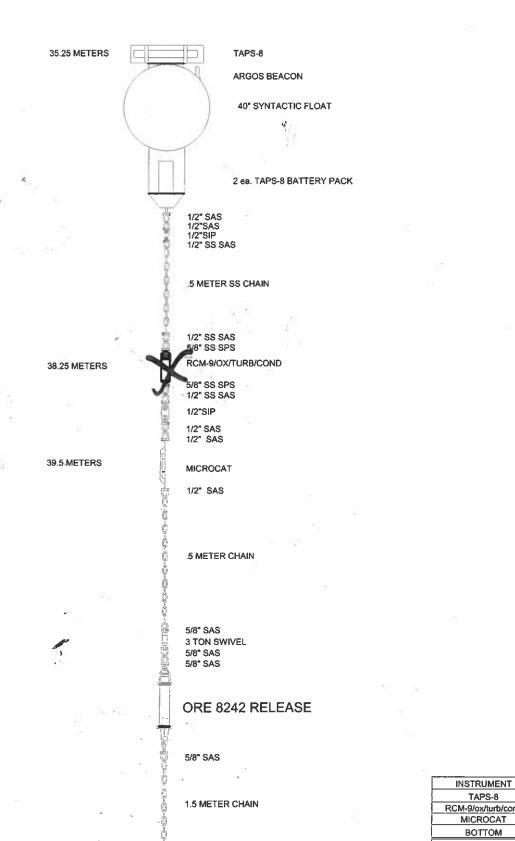
INSTRUMENT	DEPTH M SERIAL NO
600kHzADCP	36
ECOFLO	38
ISUS	39
SEACAT	39
PAR	39
BOTTOM	43

MOORING: 13CKP-6A

LOCATION: CHUKCHI SEA, AK

 Mike Craig
 DATE:
 12 APRIL 2013

 APPROVED BY:
 HVM
 DATE:
 14 MAY 2013



5/8" SAS

1600 POUND ANCHOR

TAPS-8	35.25
RCM-9/ox/turb/cond	38.25
MICROCAT	39.5
BOTTOM	43
7600 Sar Seattle, \ (206) 526	A-PMEL-FOCI adpoint Way NE Wa, 98115 16175
MOORING: 13CKT-8	A
LOCATION: CHUKCH	II SEA, AK
ORAWN BY: Mike Craig	19 APRIL 2013
APPROVED BY: HVM	DATE: 14 MAY 2013

DEPTH M SERIAL NO.

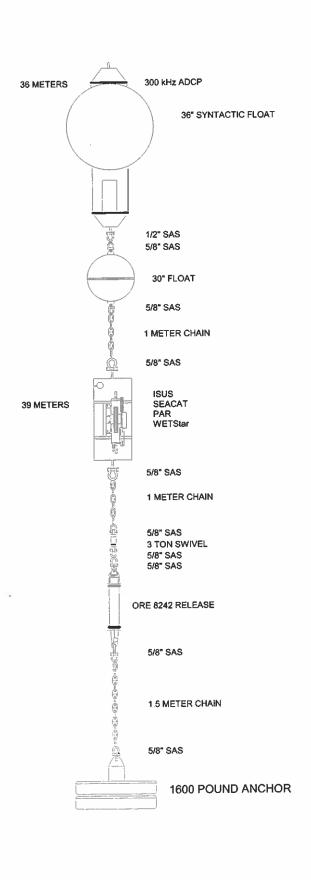
35.25 METERS TAPS-8 ARGOS BEACON 40" SYNTACTIC FLOAT 2 ea. TAPS-8 BATTERY PACK 1/2" SAS 1/2"SAS 1/2"SIP 1/2" SS SAS .5 METER SS CHAIN 1/2" SS SAS 5/8" SS SPS RCM-9/OX/TURB/COND **38.25 METERS** 5/8" SS SPS 1/2" SS SAS 1/2"SIP 1/2" SAS 1/2" SAS **39.5 METERS** MICROCAT 1/2" SAS .5 METER CHAIN 5/8" SAS 3 TON SWIVEL 5/8" SAS 5/8" SAS **ORE 8242 RELEASE** 5/8" SAS 1.5 METER CHAIN

5/8" SAS

1600 POUND ANCHOR

		663	
INSTR	UMENT	DEPTH M	SERIAL NO.
TAI	PS-8	35.25	
RCM-9/o	c/turb/cond	38.25	
MICE	OCAT	39.5	
ВОТ	ТОМ	43	22
_			
MOORING:	13CKT-8A		
LOCATION:	СНИКСНІ	SEA, AK	

DRAWN BY: Mike Craig DATE: 19 APRIL 2013
APPROVED BY: HVM DATE: 14 MAY 2013



DEPTH M SERIAL NO
36
39
39
39
39
43

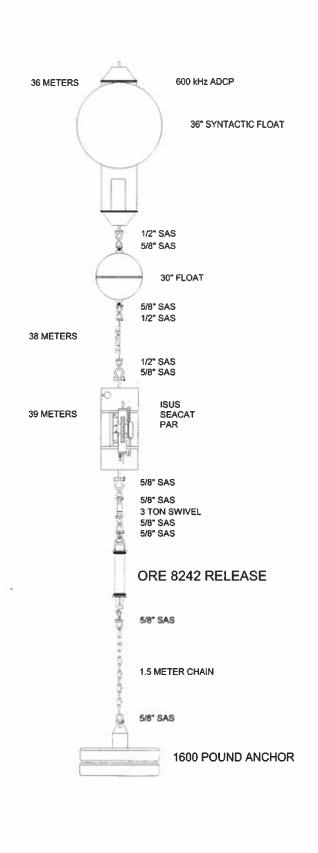
NOAA-PMEL-FOCI

7600 Sandpoint Way NE Seattle, Wa. 98115 (206) 526-6175

MOORING: 13CKP-1A

LOCATION: CHUKCHI SEA, AK

DRAWN SY: Mike Craig DATE: 12 APRIL 2013
APPROVED SY: HVM DATE: 14 MAY2013



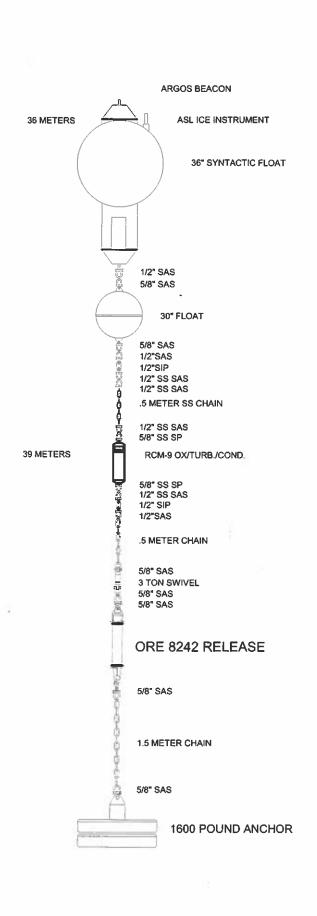
	AA-PMEL-F	OCI
воттом	42	
PAR	38	
SEACAT	38	
ISUS	38	
ECOFLO	37	
600kHzADCP	35	
INSTRUMENT	DEPTH M SE	RIAL NO.

(206) 526-6175

MOORING: 13CKP-2A

LOCATION: CHUKCHI SEA, AK

Mike Craig DATE: 14 MAY 2013 APPROVED BY: HVM



NSTRUMENT	DEPTH M SERIAL NO.
ASL ICE	36
RCM9.OX.TU.CON	39
воттом_	43
7600 Sa	
OCATION: CHUKO	HI SEA, AK
RAWN BY: Mike Craig	DATE: 12 APRIL 2013
PPROVED BY: HVM	DATE: 14 MAY 2013

ARGOS BEACON 36 METERS ASL ICE INSTRUMENT 36" SYNTACTIC FLOAT 1/2" SAS 5/8" SAS 30" FLOAT 5/8" SAS 1/2"SAS 1/2"\$IP 1/2" SS SAS 1/2" SS SAS .5 METER SS CHAIN 1/2" SS SAS 5/8" SS SP 39 METERS RCM-9 OX/TURB./COND. 5/8" SS SP 1/2" SS SAS 1/2" SIP 1/2"SAS .5 METER CHAIN 5/8" SAS 3 TON SWIVEL 5/8" SAS 5/8" SAS **ORE 8242 RELEASE** 5/8" SAS 1.5 METER CHAIN 5/8" \$A\$ 1600 POUND ANCHOR

INSTRUMENT	DEPTH M	SERIAL NO
ASL ICE	36	
RCM9.OX.TU.CON	39	
воттом	43	

NOAA-PMEL-FOCI 7600 Sandpoint Way NE Seattle, Wa. 98115 (206) 528-6175

MOORING:

13CKIP-1A

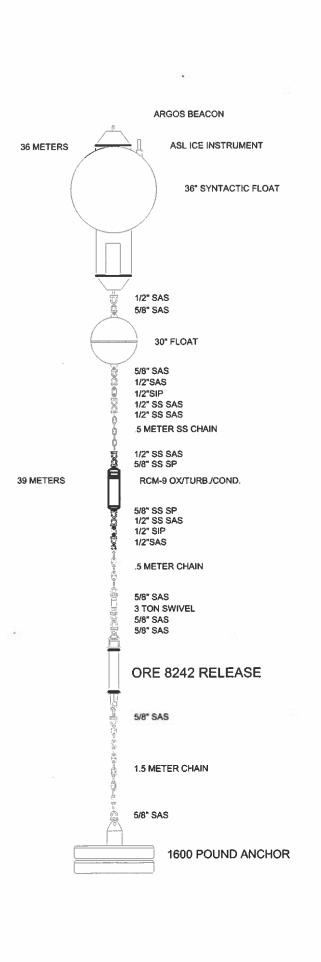
LOCATION:

CHUKCHI SEA, AK

Mike Craig 12 Arr.
DATE: 14 MAY 2013

APPROVED BY: HVM

12 APRIL 2013

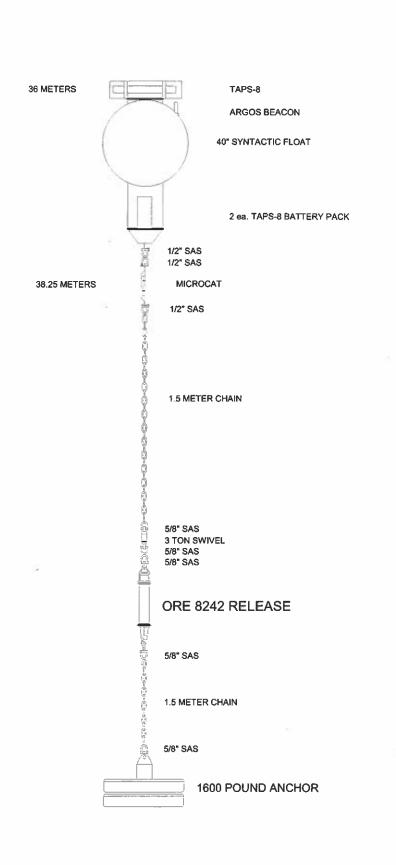


INSTRUMENT	DEPTH M	SERIAL NO.
ASL ICE	36	
RCM-9.OX.TU.CON	39	
воттом	43	
7600 S Seattle	A-PMEL landpoint W: y, Wa. 98115 26-6175	av NE

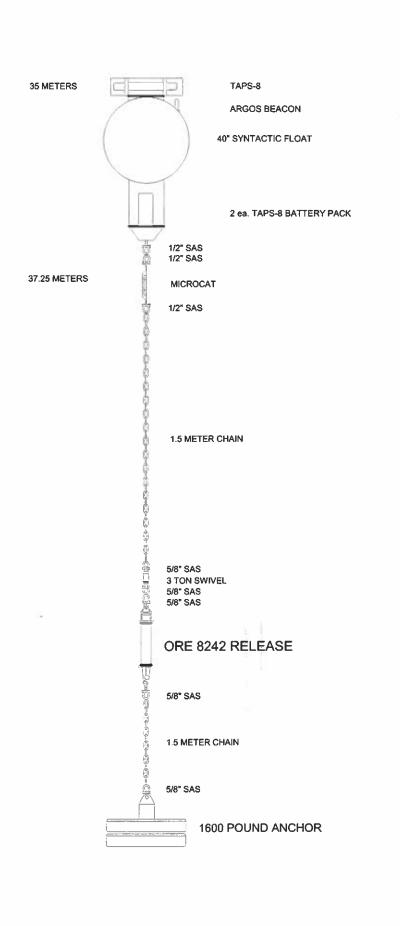
MOORING:	13CKIP-2A			
LOCATION:	СНИКСН	I SEA,	AK	
ORAWN BY:	Mike Craig	DATE:	12 APRIL	20

DATE:

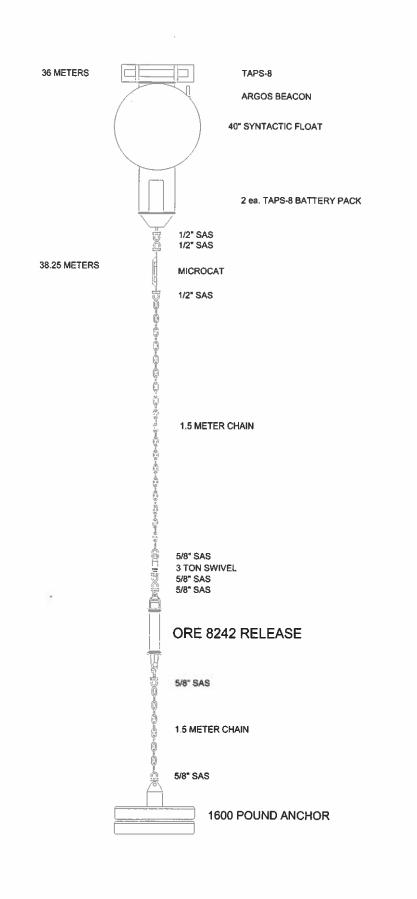
APPROVED BY:



DRAWN BY:	Mike Craig	DATE:	13 APRIL 2013
LOCATION:	сникс		AK
MOORING:	13CKT-1	A	
	7600 Sa	ndpoint Wa. 981	
BOT	,	43	
MICROCA	Т 38.25		
TAPS-8		36	
INSTRUMENT		DEPTH	M SERIAL NO.



NSTRUME	NT .	DEPTH	IM S	SERIAL NO	ŀ
TAP	S-8	35			
MICRO	MICROCAT				
вот	том	42			
MOORING:	NOA 7600 Sa Seattle, (206) 52 13CKT-	ndpoint Wa. 98 6-6175	t Way	FOCI	
OCATION:	снико	HI SEA	, Al	(
DRAWN BY:	Mike Craig	DATE:	15	APRIL 201	3
APPROVED BY:		DATE:			



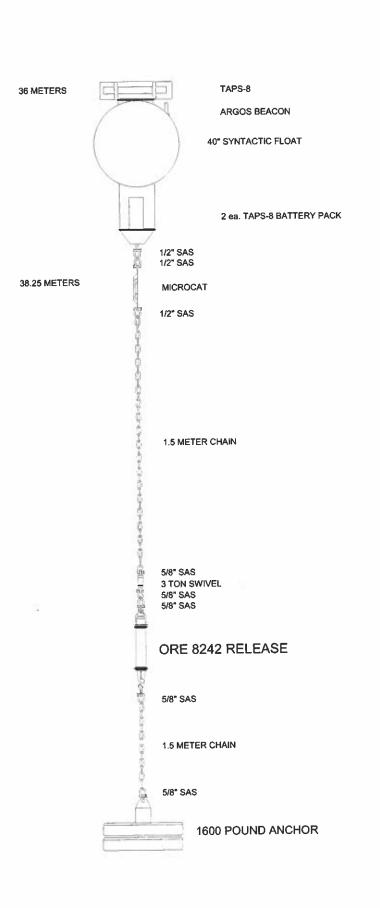
INSTRUMENT	DEPTH M SERIAL NO
TAPS-8	36
MICROCAT	38.25
воттом	43
Seni) Sandpoint Way NE Itle, Wa. 98115
(206	526-6175
MOORING: (206	
MOORING: 13CH	526-8175

DATE: 14 MAY 2013

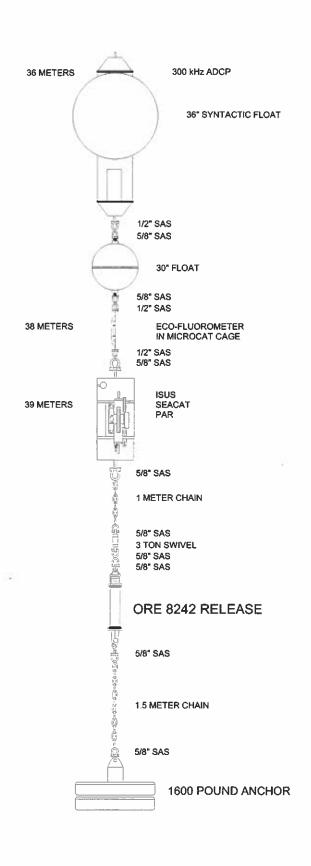
APPROVED BY: HVM

TAPS-8 36 METERS ARGOS BEACON 40" SYNTACTIC FLOAT 2 ea. TAPS-8 BATTERY PACK 1/2" SAS 1/2" SAS **38.25 METERS** MICROCAT 1/2" SAS 1.5 METER CHAIN 5/8" SAS 3 TON SWIVEL 5/8" SAS 5/8" SAS ORE 8242 RELEASE 5/8" SAS 1.5 METER CHAIN 5/8" SAS 1600 POUND ANCHOR

NSTRUMENT	DEPTH M SERI	AL NO
TAPS-8	36	
MICROCAT	38.25	
воттом	43	
Seattle (206) 5:	andpoint Way NE Wa. 96115 26-6175	
MOORING: 13CKT-	5A	
LOCATION: CHUK	CHI SEA, AK	
DRAWN BY: Mike Crai	DATE: 18 APR	aL 2013
APPROVED BY LIVER	DATE 14 MAY	



			EL-FOCI
	7600 Sar		
	Seattle, 1 (206) 526		115
MOORING:		-6175	115
MOORING:	(206) 526	A	
	(206) 526 13CKT-6	A	



INSTRUMENT	DEPTH M SERIAL NO
600kHzADCP	36
ECOFLO	38
ISUS	39
SEACAT	39
PAR	39
воттом	43
7600 Seat	DAA-PMEL-FOCI D Sandpoint Way NE ttle, Wa. 98115 D 526-6175
MOORING: 13CH	CP-5A

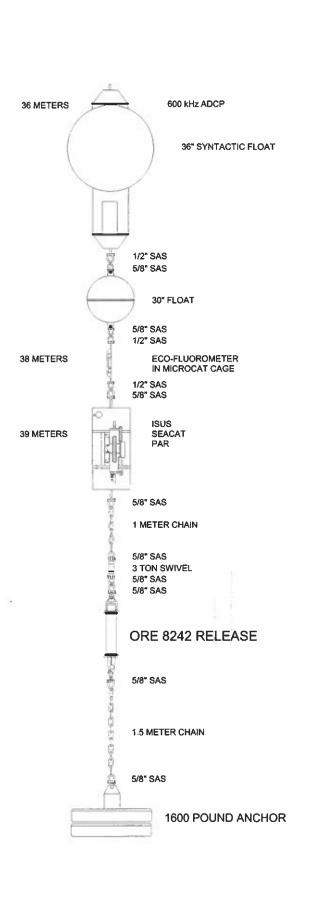
CHUKCHI SEA, AK

DATE:

12 APRIL 2013

LOCATION:

APPROVED BY:



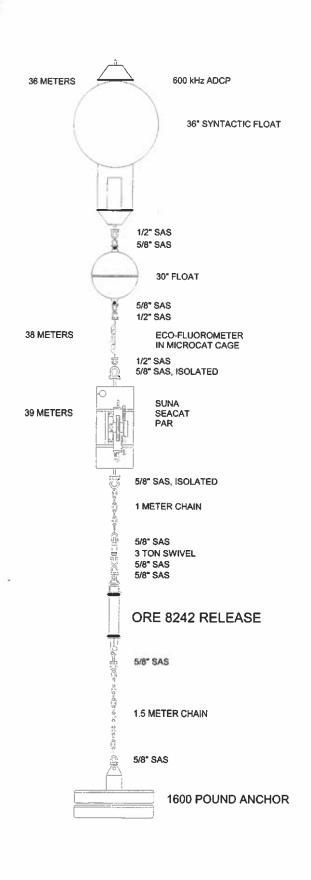
DEPTH M SERIAL NO
36
38
39
39
39
43

NOAA-PMEL-FOCI

7600 Sandpoint Way NE Seattle, Wa. 98115 (206) 526-6175

MOORING: 13CKP-6A LOCATION: CHUKCHI SEA, AK

Mike Craig 12 APRIL 2013 12 APRIL 2013 APPROVED BY: HVM



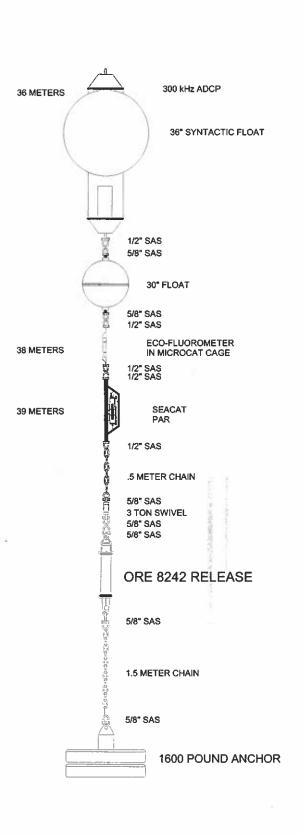
INSTRUMENT	DEPTH M SERIAL NO.
600kHzADCP	36
ECOFLO	38
SUNA	39
SEACAT	39
PAR	39
воттом	43
	AA-PMEL-FOCI

7600 Sandpoint Way NE Seattle, Wa. 98115 (206) 526-6175

MOORING: 13CKP-7A

LOCATION: CHUKCHI SEA, AK

Mike Craig 19 APRIL 2013
APPROVED BY: HVM DATE: 14 MAY 2013

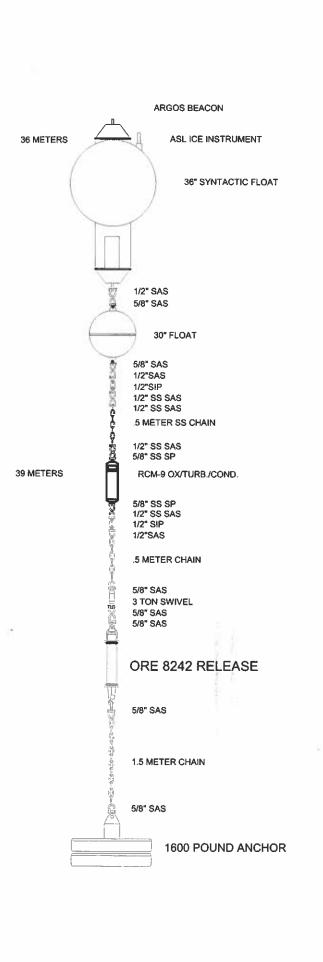


INSTRUMENT	DEPTH M SERIAL NO.
300 kHz ADCP	36
ECOFLO	38
SEACAT	39
PAR	39
воттом	43

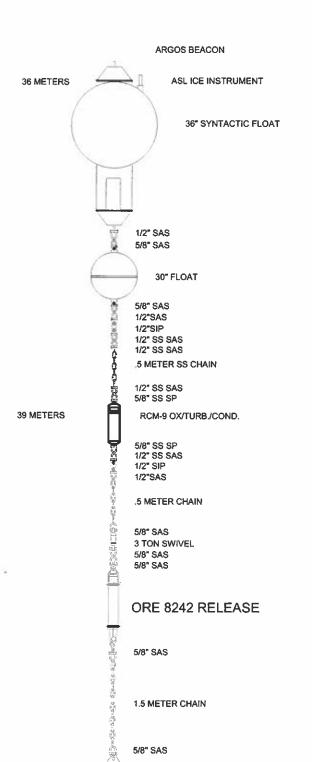
MOORING: 13CKP-8A

LOCATION: CHUKCHI SEA, AK

| DRAWN 8Y: | DATE: | 18 APRIL 2013 | APPROVED BY: | HVM | DATE: | 14 MAY 2013 |

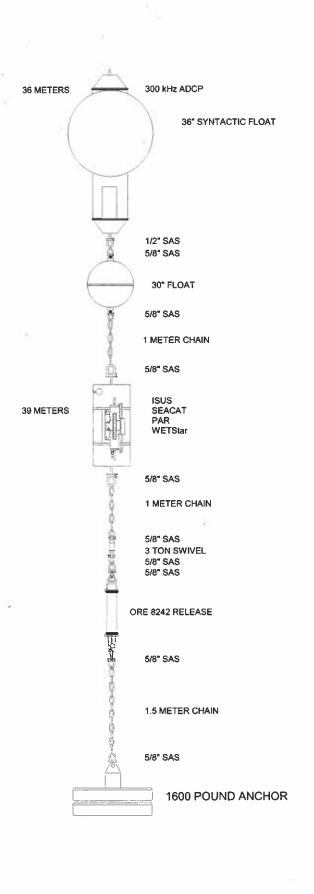


INSTRUMENT	DEPTH M SERIAL NO	
ASL ICE	36	
RCM9/ox/turb.cond	39	٠,
воттом	43	
7600 S Seattle	A-PMEL-FOCI andpoint Way NE , Wa. 98115 26-6175	
13CKIP	-5A	
LOCATION: CHUK	CHI SEA, AK	
DRAWN BY: Mike Crai	g 19 APRIL 2013	3
APPROVED BY: HVM	DATE: 14 MAY 2013	



1600 POUND ANCHOR

INSTRUMENT	DEPTH M SERIAL NO.
ASL ICE	36
RCM9.OX.TU.CON	39
воттом	43
	Sandpoint Way NE
	e, Wa. 98115 526-6175
	526-6175
MOORING: 13CKIP	526-6175
MOORING: 13CKIP	26-6175 -6A CHI SEA, AK

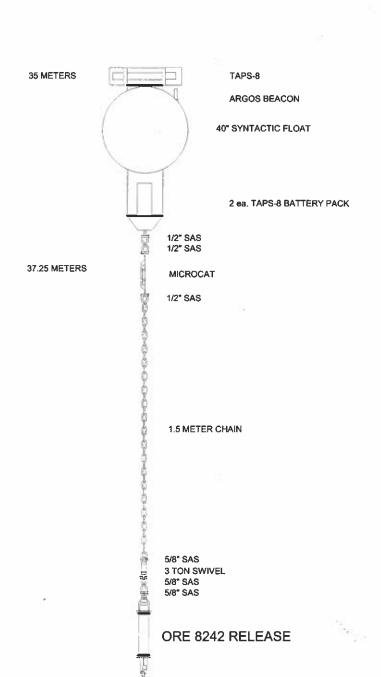


INSTRUMENT	DEPTH M	SERIAL NO
300 kHz ADCP	36	
ISUS	39	
SEACAT	39	
PAR	39	
WETSTAR	39	
воттом	43	

MOORING: 13CKP-1A

LOCATION: CHUKCHI SEA, AK

DRAWN BY: Mike Craig 12 APRIL 2013
APPROVED BY: HVM DATE: 14 MAY2013



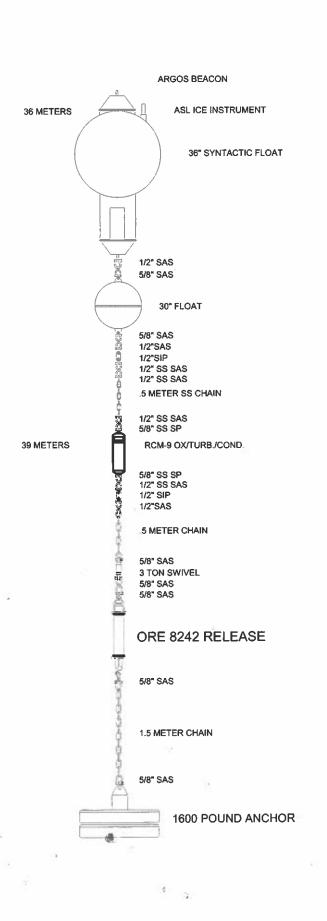
5/8" SAS

1.5 METER CHAIN

5/8" SAS

1600 POUND ANCHOR

INSTRUMENT	D	EPTH	M SERIAL NO.
TAPS-8		35	
MICROCA	AT	37.25	i
BOTTO	A .	42	
	7600 San		
	Seattle, V	Va. 98	
MOORING:		Va. 98 -6175	
MOORING:	Seattle, V (206) 526	Và. 98 [.] -6175 A	115
LOCATION:	Seattle, V (206) 526 13CKT-2/	Và. 98 [.] -6175 A	115



	NOA	A-PME	L-FOCI
	7680 0	undnaint l	Way NE
		andpoint \ , Wa. 981 26-6175	
OORING:	Seattle	Wa. 981. 26-6175	
MOORING:	Seattle (205) 52 13CKIP-	Wa. 981. 26-6175	15 #
	Seattle (205) 52 13CKIP-	, Wa. 981. 26-6175 2A CHI SEA,	15 #

