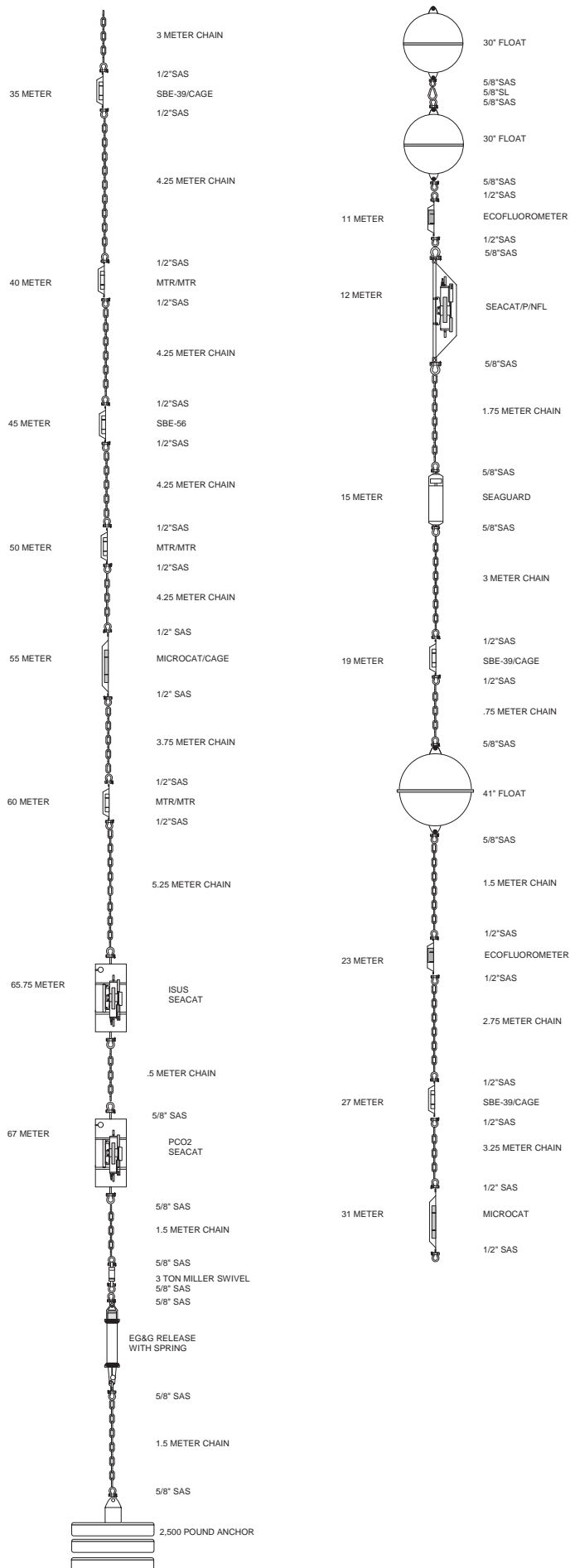


Appendix 3

Mooring Schematics

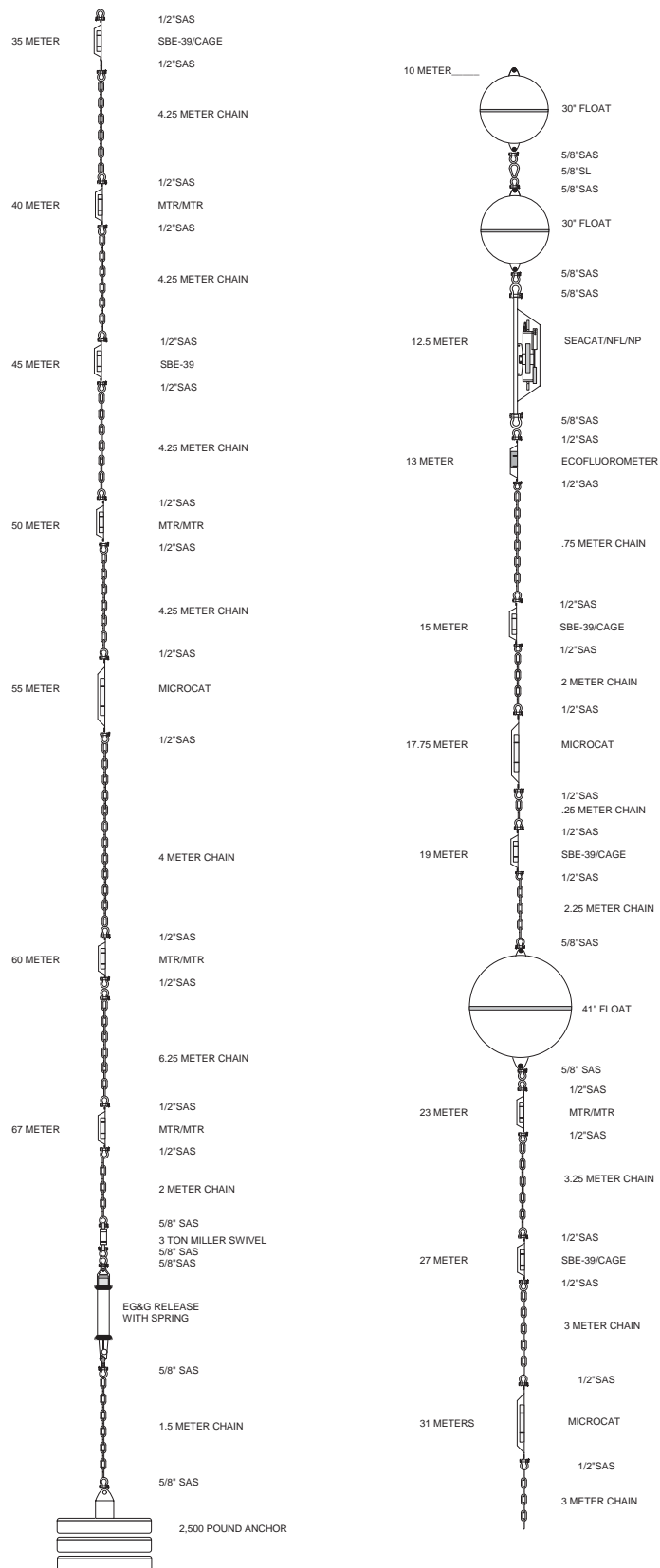



INSTRUMENTS		
DEPTH (M)	INST.	SER #
11	ECO-FLUOR	
12	SEACAT/NP/NFL	
15	SEAGUARD	
19	SBE-39	
23	ECO-FLUOR	
27	SBE-39	
31	MICROCAT	
35	SBE-39	
40	MTR/MTR	
45	SBE-56	
50	MTR/MTR	
55	MICROCAT	
60	MTR/MTR	
65.75	ISUS/SEACAT	
67	PCO2/SEACAT	
72	BOTTOM	

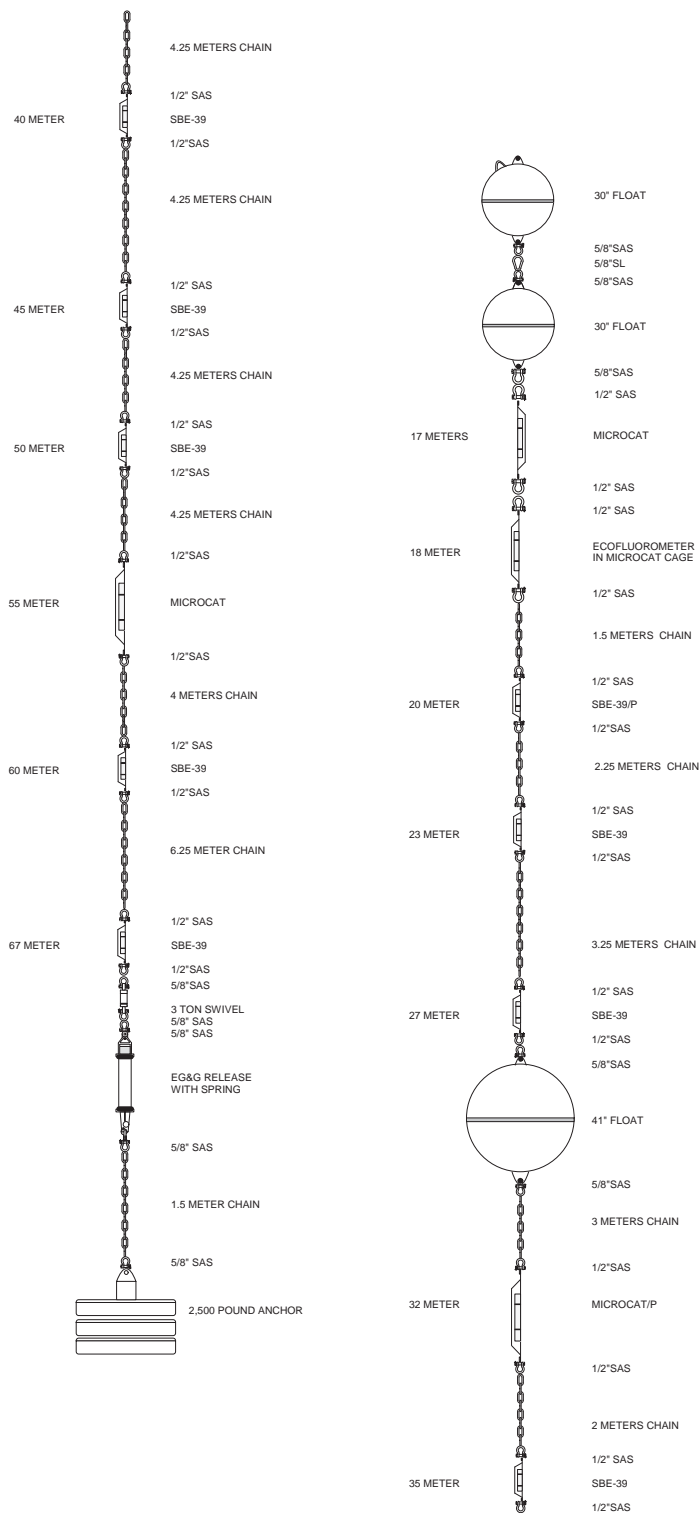



NOAA-PMEL-FOCI
7600 Sandpoint Way NE
Seattle, Wa. 98115
(206) 526-6023

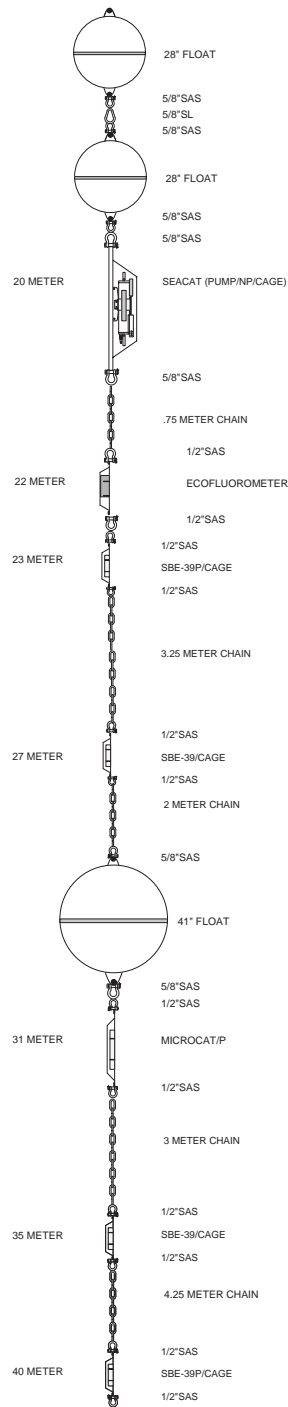
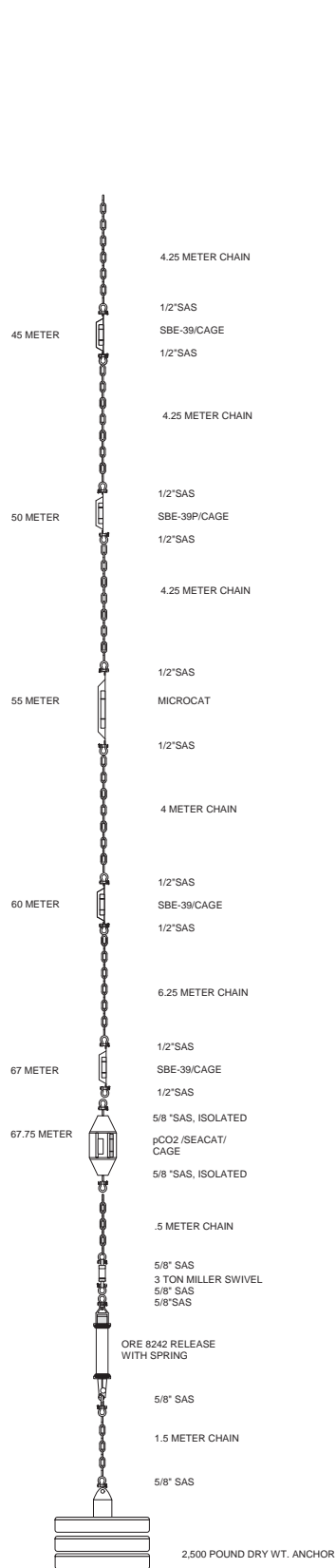
MOORING:	17BS-2C
LOCATION:	BERING SEA, SITE 2
DRAWN BY: MIKE CRAIG	DATE: 19 DECEMBER 2016
approved by:	DATE:




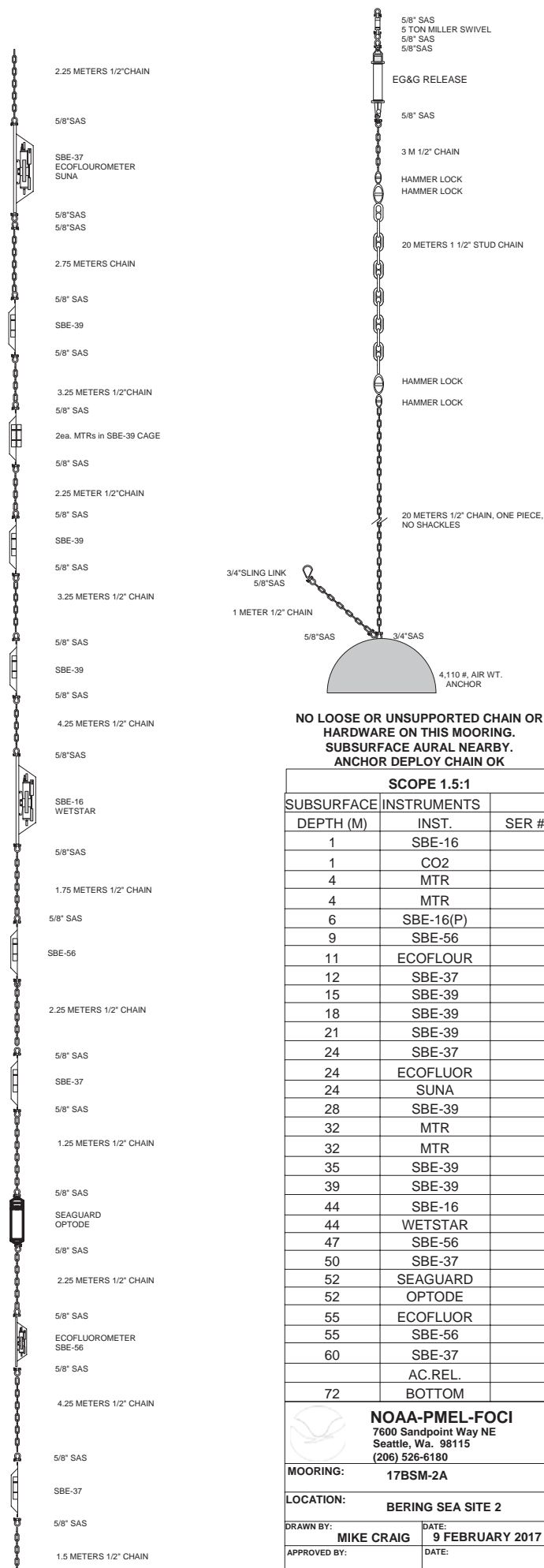
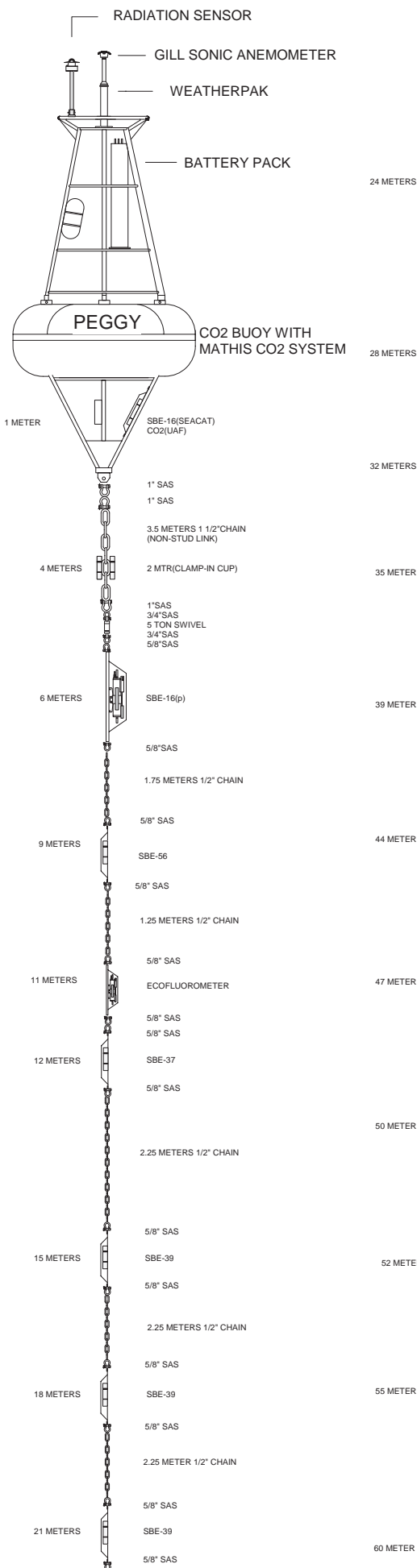
SUBSURFACE INSTRUMENTS		
DEPTH (M)	INST.	SER #
12.5	SEACAT/NFL/NP	
13	ECO-FLUOR	
15	SBE-39	
17.75	MICROCAT	
19	SBE-39	
23	MTR/MTR	
27	SBE-39	
31	MICROCAT	
35	SBE-39	
40	MTR/MTR	
45	SBE-39	
50	MTR/MTR	
55	MICROCAT	
60	MTR/MTR	
67	MTR/MTR	
72	BOTTOM	
 NOAA-PMEL-FOCI 7600 Sandpoint Way NE Seattle, Wa. 98115 (206) 526-6175		
MOORING: 17BS-4B		
LOCATION: BERING SEA, SITE 4		
DESIGN BY: MIKE CRAIG	DATE: 19 DECEMBER 2016	
DRAWN BY:	DATE:	

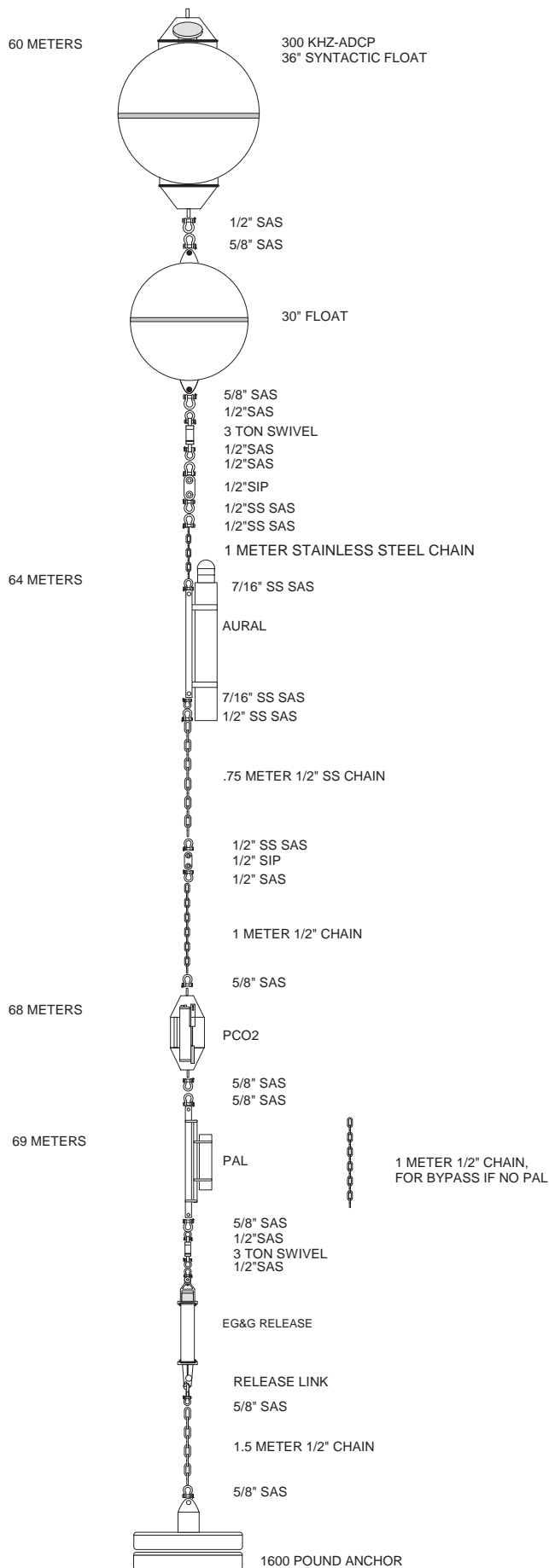


SUBSURFACE INSTRUMENTS		
DEPTH	INST.	SER #
17	MICROCAT	
18	ECOFUOR	
20	SBE-39/P	
23	SBE-39	
27	SBE-39	
32	MICROCAT/P	
35	SBE-39	
40	SBE-39	
45	SBE-39	
50	SBE-39	
55	MICROCAT	
60	SBE-39	
67	SBE-39	
70	BOTTOM	
 NOAA-PMEL-FOCI 7600 Sandpoint Way NE Seattle, Wa. 98115 (206) 526-6175		
MOORING: 17BS-5A		
LOCATION: BERING SEA, SITE 5		
DRAWN BY: MIKE CRAIG	DATE: 19 DECEMBER 2016	
APPROVED BY:	DATE:	

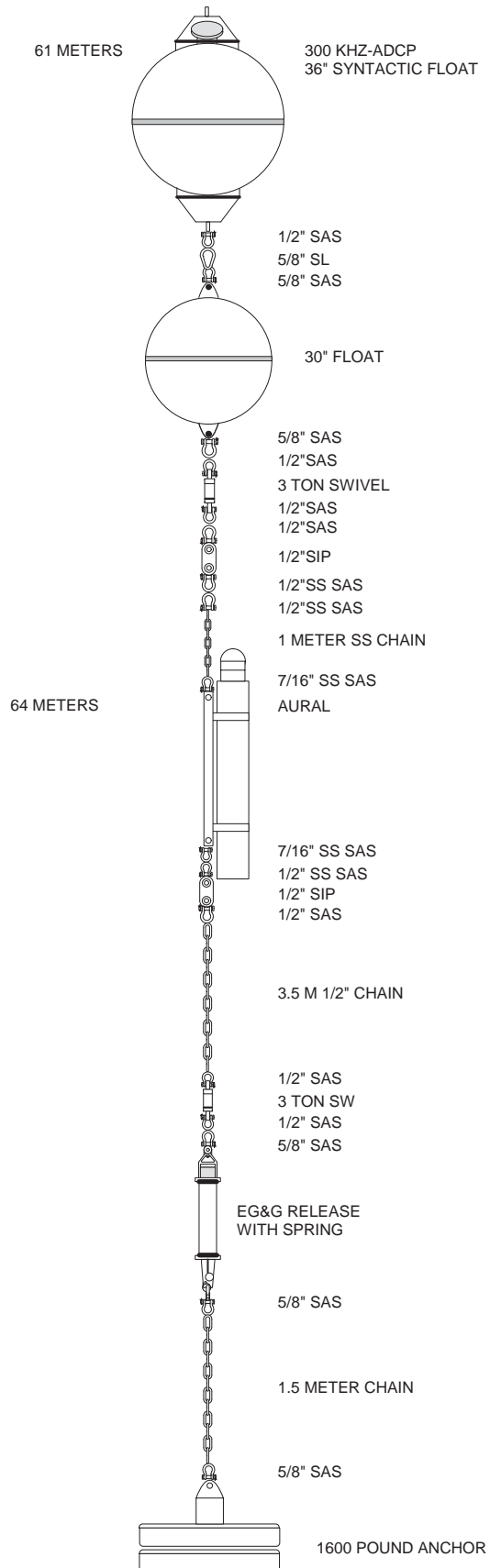



SUBSURFACE INSTRUMENTS		
DEPTH (M)	INST.	SER #
20	Seacat/pump/NP	
22	EcoFluorometer	
23	SBE-39/P	
27	SBE-39	
31	MICROCAT/P	
35	SBE-39	
40	SBE-39/P	
45	SBE-39	
50	SBE-39/P	
55	MICROCAT	
60	SBE-39	
67	SBE-39	
67.75	PCO2/SEACAT	
71	BOTTOM	
 NOAA-PMEL-FOCI 7600 Sandpoint Way NE Seattle, Wa. 98115 (206) 526-6175		
MOORING: 17BS-8A		
LOCATION: BERING SEA, SITE 8		
DESIGN BY:	MIKE CRAIG	DATE: 19 DECEMBER 2016
DRAWN BY:		DATE:

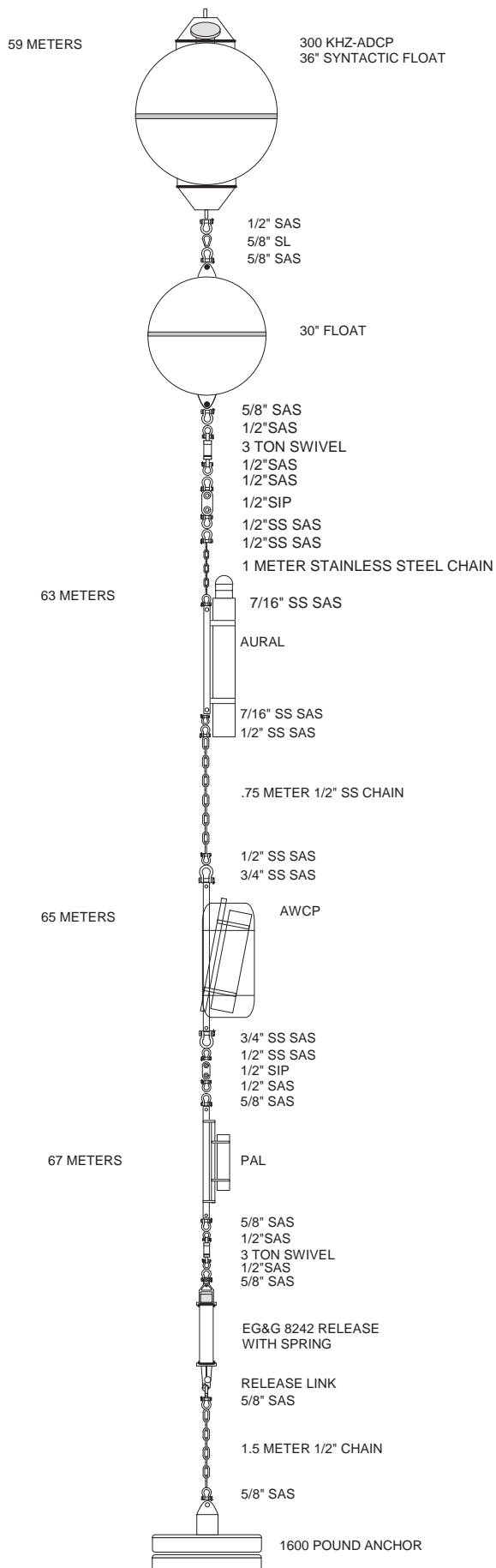





INSTRUMENT	DEPTH M	SERIAL NO.
300 KHZ ADCP	60	
AURAL	64	
PCO2	68	
PAL	69	
BOTTOM	72	
NOAA-PMEL-FOCI 7600 Sandpoint Way NE Seattle, Wa. 98115 (206) 526-6180		
MOORING: 17BSP-2A		
LOCATION: BERING SEA, SITE 2		
DRAWN BY: Mike Craig	DATE: 19 DECEMBER 2016	
APPROVED BY:	DATE:	



INSTRUMENT	DEPTH M	SERIAL NO.
300 kHz ADCP	61	
AURALS	64	
BOTTOM	72	
 NOAA-PMEL-FOCI 7600 Sandpoint Way NE Seattle, Wa. 98115 (206) 526-6175		
MOORING:	17BSP-4A	
LOCATION:	BERING SEA SITE 4	
DESIGN BY: MIKE CRAIG	DATE:	19 DECEMBER 2016
DRAWN BY:	DATE:	

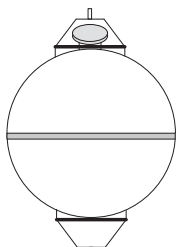


INSTRUMENT	DEPTH M	SERIAL NO.
300 KHZ ADCP	59	
AURAL	63	
AWCP	65	
PAL	67	
BOTTOM	70	

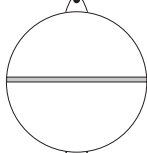
 NOAA-PMEL-FOCI 7600 Sandpoint Way NE Seattle, Wa. 98115 (206) 526-6180		
MOORING: 17BSP-5A		
LOCATION: BERING SEA SITE 5		
DRAWN BY: Mike Craig	DATE: 19 DECEMBER 2016	
APPROVED BY:	DATE:	

61 METERS

300 KHZ-ADCP
36" SYNTACTIC FLOAT



1/2" SAS
5/8" SL
5/8" SAS



30" FLOAT

5/8" SAS
1/2" SAS
3 TON SWIVEL
1/2" SAS
1/2" SAS
1/2" SIP
1/2" SS SAS
1/2" SS SAS
1 METER STAINLESS STEEL CHAIN

64 METERS

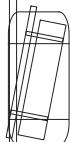


7/16" SS SAS
AURAL
7/16" SS SAS
1/2" SS SAS

.75 METER 1/2" SS CHAIN

1/2" SS SAS
3/4" SS SAS

66 METERS



AWCP

3/4" SS SAS
1/2" SS SAS
1/2" SIP
1/2" SAS

1 METER CHAIN

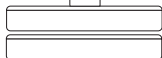
1/2" SAS
3 TON SWIVEL
1/2" SAS
5/8" SAS

ORE 8242 RELEASE
WITH SPRING


5/8" SAS

1.5 METER CHAIN

5/8" SAS

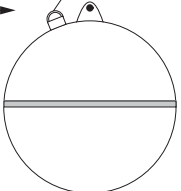


1600 POUND ANCHOR

INSTRUMENT	DEPTH M	SERIAL NO.
300 KHZ ADCP	61	
AURAL	64	
AWCP	66	
BOTTOM	71	
 NOAA-PMEL-FOCI 7600 Sandpoint Way NE Seattle, Wa. 98115 (206) 526-6175		
MOORING: 17BSP-8A		
LOCATION: BERING SEA, SITE 8		
DRAWN BY: Mike Craig	DATE: 19 DECEMBER 2016	
APPROVED BY:	DATE:	

3 METER FLOATING RECOVERY LINE
SPLICED TO LIFTING BAILE

RELEASE
POINT



30" FLOAT

- 1/2"SAS
- 1/2"SAS
- 1/2"SIP
- 1/2"SS SAS
- 1/2"SS SAS
- 1 METER STAINLESS STEEL CHAIN
- 7/16" SS SAS

AURAL

- 7/16" SS SAS
- 1/2" SS SAS
- 1/2" SIP
- 1/2" SAS

1 METER CHAIN

- 1/2"SAS
- 1.5 TON SWIVEL
- 1/2"SAS
- 5/8"SAS



- 1/2"SAS
- 7/16"SAS

ACOUSTIC RELEASE 866 HB

- RELEASE LINK
- 1/2" SAS

ACOUSTIC RELEASE 8242
with SPRING

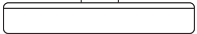
RELEASE LINK

5/8"SAS

1.5 METER 1/2" CHAIN

- 5/8"SAS
- 5/8"SL
- 5/8"SAS

RELEASE LINK
FOR ANCHOR
LAST DEPLOYMENT



730 Lb.(air wt.) ANCHOR
635 Lb.(wet wt.) ANCHOR

KEY:

- SAS, SAFETY ANCHOR SHACKLE
with cotter pin
- SS SAS, STAINLESS STEEL SAFETY
ANCHOR SHACKLE with cotter pin
- SL, SLING LINK
- SIP, SHACKLE ISOLATOR PLATE

17 MOORINGS

VARYING DEPTHS; 40M, 50M, 100M



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AURAL/BERCHOK

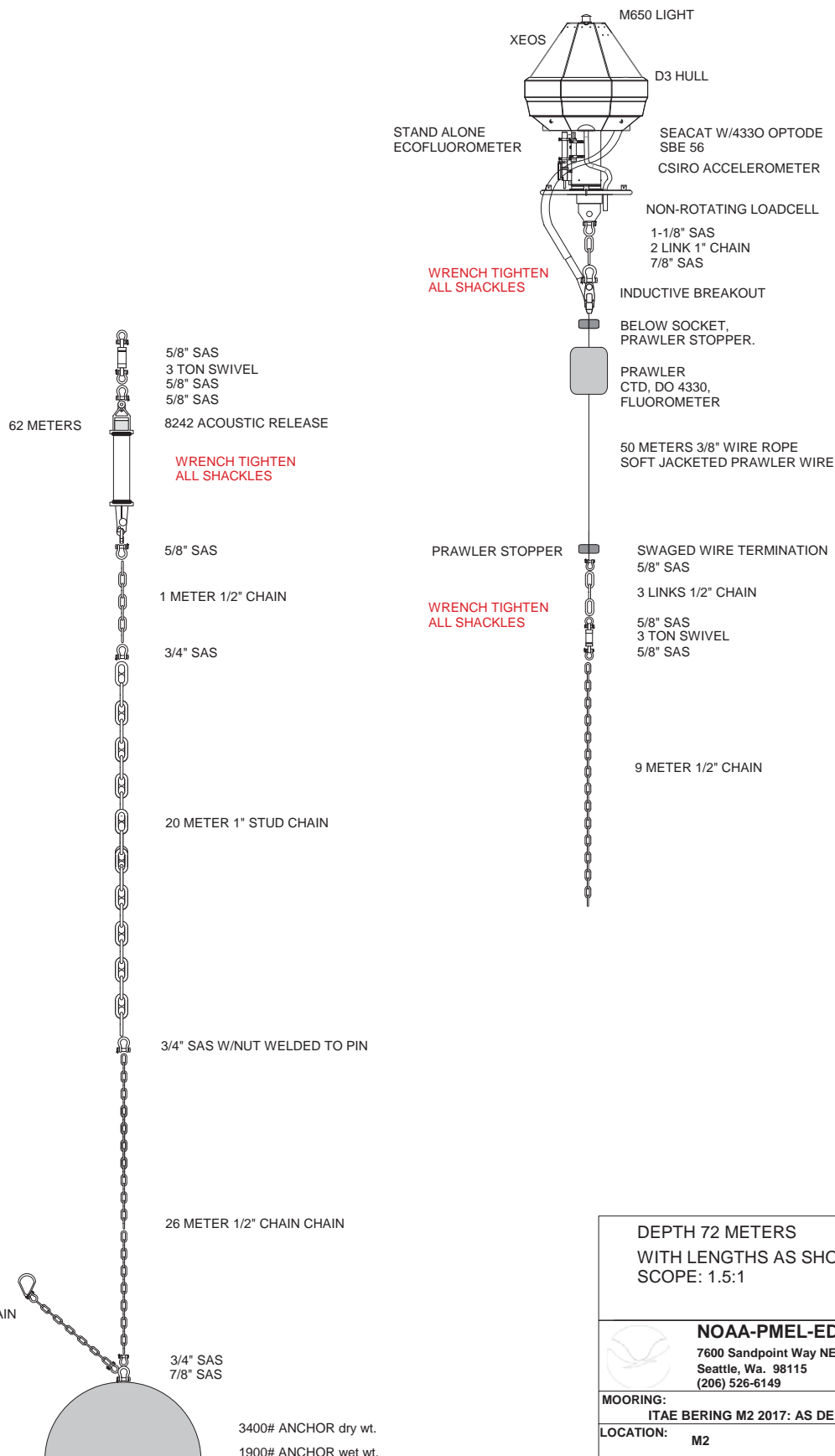
LOCATION:
BEAUFORT, BERING, CHUKCHI SEAS

DRAWN BY:
Mike Craig

DATE:
19 MAY 2016

APPROVED BY:

DATE:



DEPTH 72 METERS
WITH LENGTHS AS SHOWN
SCOPE: 1.5:1



NOAA-PMEL-EDD
7600 Sandpoint Way NE
Seattle, Wa. 98115
(206) 526-6149

MOORING:
ITAE BERING M2 2017: AS DEPLOYED

LOCATION:
M2

DRAWN BY:
MIKE CRAIG

DATE:
14 MARCH 2017

APPROVED BY:

DATE: