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By: P. Chua 24–Jul–2014 DCN: 3602–40003 REV: B REF.DES. GS04FL Source: 24–Jul–2014 13:08:26,\Projects\Paul's m-files\OOI\Global_South\gs2014FLMAB.cfg Author: 24–Jul–2014 13:08:32, pchua@(PCWIN64)	OOI Southern Ocean Flanking Mooring A and B designed for 4800m Depth							
	By: P. Chua 24–Jul–2014 DCN: 3602–40003 REV: B REF.DES. GS04FLM/							
Revision History								

3602-40003_OOI_Southern_Ocean_Flanking_Mooring_A_and_B_2014-07-24_RevB

======== Rev#	Date	Author	Description
A	31-Oct-2012	C.Begler	Initial Release, ECR# 1303-00860
B	24-Jul-2014	P. Chua	ARF added, ECR# 1303-01348

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	N	OOI Souther	n Ocean F designed fo	•		ing A an	d B	Coastal & Global Scale Nodes
By:	P. Chua	24–Jul–2014	DCN: 3	602–400	03	REV: B	REF.DES.	GS04FLMA
Source:	24–Jul–2014 1	3:08:26,\Projects\ 3:08:32, pchua@(PC)OI\Global	_South\g	s2014FLMAB	B.cfg	
depth (incl. st	component retch)	S/N description	rope # & Length	Distance Upper /	e from Lower rop	e end	in/out of water comment	
22 m	64" Sphere 1000m	Sable GPS # XEOS XMB # XEOS XMF #			1180kg Ne incl. 50kg	et Buoyancy payload		
33 m	DOSTA-D FLORT-D PHSEN-E CTDMO-G P1000m CTDMO-G	FLBB2 # Optode # SAMI_pH # SBE37-IM # Controller #	U–Joint #1 5m 1/2" EM chain – #2 440m 5/16" NILSPIN	ind. term	upper SW coilcord c bypass	-		
43 m	CTDMO-G P1000m	SBE37-IM #	- D	3.0 437.0 22.0		_		
63 m	CTDMO-G P1000m CTDMO-G	SBE37-IM #	– p	23.0 417.0 53.0		-		
93 m	P1000m	SBE37-IM #	-	387.0		-		
133 m	CTDMO-G P1000m	SBE37-IM #	-	93.0 347.0		-		
184 m	CTDMO-G P1000m	SBE37-IM #	- D	143.0 297.0		-		
254 m	CTDMO-G P1000m	SBE37-IM #	و 	213.0 227.0		_		
354 m	CTDMO–G P1000m	SBE37-IM #	#2 bottom	313.0 127.0		-		
482 m	Release Float	ORE8242 #	coupler ec	ind. term	bypass E: bypass, m	_, D: ust break upo	, R: n release	
483 m	CF14-1000		#3 20m 5/16 NILSPIN		13 kg Buo	yancy _		
504 m	FL62" 1500m LR-ADCP CTDMO-G	LR_ADCP # SBE37_IM #	- - #4 1000m	ind. term ind. term	bypass 750kg Net incl. 70kg bypass	Buoyancy payload		
750 m	Е1000m СТ ДМО –Н Р3500m	SBE37-IM #	5/16" NILSPIN	245.0 755.0		-		
1003 m	CTDMO–H P3500m	SBE37-IM #	-	495.0 505.0		_		
1505 m	CTDMO–H P3500m	SBE37-IM #	– #4 bottom	995.0 5.0	lower Old	-		
1510 m	Load Cage	Controller #/ ATM #ID/	 chain 2.0 mm	ind. term AS 3t 5/8" AS 3t 5/8"	lower SW 60 kg Wet incl. 20kg	Weight		
1516 m	8 17" Glass Sp	heres (8m)	PL 3t 3/4"	AS 3t 5/8" AS 3t 5/8" AS 3t 5/8" AS 3t 5/8"		_		
			PL 3t 3/4" #5 1000m 5/16" NILSPIN	AS 3t 5/8" AS 3t 5/8" AS 3t 5/8"		-		

	OOI Sou	uthern Ocean F designed fo	lanking Moo r 4800m Depth	-	nd B	Coastal & Glob Scale Nodes
By: P. Chua	24–Jul–2	014 DCN: 3	602–40003	REV: B	REF.DES	. GS04FLMA
	014 13:08:26,\Pr 014 13:08:32, pchu	ojects\Paul's m–files\C a@(PCWIN64)	DOI\Global_South	\gs2014FLMA	B.cfg	
depth compone (incl. stretch)	nt S/N description	rope # & Length	Distance from Upper / Lower r	ope end	in/out of wate comment	r
2528 m 8 17" Gla	ss Spheres (8m)	#5 bottom PL 3t 3/4" 🛯 🖁	âs 31 <i>5/8</i> °			
		PL 3t 3/4"	AS 3t 5/8"			
		PL 3t 3/4" #6 1000 5/16" NILSPIN	AS 31 5/8"			
3510 m 0 47" 01-	es Spheres (9m)	PL 3t 3/4" 🕴	AS 3t 5/8"			
3540 m 817" Gla	22 Shidigs (0111)	PL 3t 3/4"	AS 31 5/8"			
		PL 3t 3/4" #7 1000m 5/16" NILSPIN	AS 3t 5/8" AS 3t 5/8"			
4716 m Parachute 1.50 sqm (4723 m 36 17" GI	1.38 diam) ass Spheres (38m)	PL 3t 3/4" #8 5/16"1025PIN PL 3t 3/4" 5/16"1015PIN PL 3t 3/4" 5/16"1015PIN PL 3t 3/4" Chain 2.37 PL 3t 3/4" PL 3t 3/4	AS 31 5/8: AS 31 5/8:	Ita Drogue		
4766 m Dual Release	ORE8242 #	PL%t%t%t%t%t%t%t%t%t%t%t%t%t%t%t%t%t%t%t	AS 31 5/8" AS 51 3/4" AS 51 3/4" AS 51 3/4" #	: E:	/D:/R:	
Parachute	ORE8242 #	1/2" đropčrtain ML 17t1 1-1/4" chain 5.000 PL'3t 3/4" #11 2000 Nystron-1"	AS 315/8 AS 8t 5/8"		/ D: / R:	
4793 m 1.50 sqm (1.38 diam)	EL 6t 7/8" chain 5.0m MR	AS 6t 7/8" AS 6t 7/8"	Ita Drogue		
4800 m double M 3170 kg c 2742 kg v	lry	PL 3t 3/4"	AS 5t 3/4" AS 6t 7/8"			