

## MOSAIC - TEAM ICE - SEA ICE CORING LOG

Leg	Activity Week	Primary Event ID/action	Action si_corer_9cm	Action si_corer_7cm	Action si_corer_14cm	Action SMP	SI Generic Sampler	Date	Site / location	Done in Field			Designated		Backup/archive		Designated	
										TEMP	SALO18	RHO	CT	TEX	REP	BAC	OPT	PLT/PLA
1	1_5	PS122-1_5-3	3	4				28-Oct-19	FYI	X	X	X	X	X	X	X		
1	1_5	PS122-1_5-78	78					28-Oct-19	SYI	X	X	X	X	P	X	X		X
1	1_5	PS122-1_5-81	81					28-Oct-19	SYI-Ridge	X								
1	1_5	PS122-1_5-67	67					3-Nov-19	Other	X	S			P				
1	1_6	PS122-1_6-34	34	35		147		4-Nov-19	FYI	X	X	X	X	P	X	X		
1	1_6	PS122-1_6-36	36	37		146		4-Nov-19	SYI	X	X	X	X	X	X	X		X
1	1_6	PS122-1_6-10	10					4-Nov-19	SYI-Ridge	X								
1	1_6	PS122-1_6-132	132	124				10-Nov-19	FYI-Rafted	X	X							
1	1_7	PS122-1_7-6	6	130		5		11-Nov-19	FYI	X	X	X	X	X	X	X		
1	1_7	PS122-1_7-9	9	10		8		11-Nov-19	SYI	X	X	X	X	P	X	X		X
1	1_7	PS122-1_7-97	97	98				16-Nov-19	FYI	X	X							
1	1_7	PS122-1_7-53	53					16-Nov-19	SYI	X	X							
1	1_7	PS122-1_7_140					140	16-Nov-19	YI-Lead	X				P				
1	1_8	PS122-1_8-3	3					18-Nov-19	FYI	X	X	X	X	P	X	X		X
1	1_8	PS122-1_8-52	53	54				20-Nov-19	Mechanics	x	S	x		x				
1	1_9	PS122-1_9-6	6	7		3		25-Nov-19	FYI	X	X	X	X	X	X	2X		?
1	1_9	PS122-1_9-11	11	12		117		25-Nov-19	SYI	X	X	X	X	P	X	X		X
1	1_9	PS122-1_9-30	30					25-Nov-19	SYI-Ridge	X								
1	1_9	PS122-1_9-93	93	94				30-Nov-19	FYI	X	X							
1	1_9	PS122-1_9-116					116	30-Nov-19	YI-Lead		X			P				
1	1_10	PS122-1_10-19	19	18		20		2-Dec-19	FYI	X	X	X		P	X	X		
1	1_10	PS122-1_10-16	16	17		11		2-Dec-19	SYI	X	X	X	X	X	X	X		X
1	1_10	PS122-1_10-120	120	20				5-Dec-19	Mechanics	x	S	x		P				
1	1_10	PS122-1_10-115	115	116		114		8-Dec-19	YI-Lead	X	X			P	X			
2	2_17	PS122-2_17-3	3	5				23-Dec-19	FYI	x	x	x	x	x	x	x		x
2	2_17	PS122-2_17-3	3	3				23-Dec-19	SYI		x							
2	2_18	PS122-2_18-61	61	-				3-Jan-20	Ridge		S							
2	2_19	PS122-2_19-7	7	8				6-Jan-20	FYI	x	x	x	x	x	x	x		
2	2_19	PS122-2_19-7	7	8				6-Jan-20	lead	x	x	x		x	x			
2	2_19	PS122-2_19-163			163, 164, 165, 166			9-Jan-20	ROVMechanics	x	S	x		P				
2	2_19	PS122-2_19-116	116	-				10-Jan-20	Ridge		S							
2	2_19	n/a	-	-	-	-	-	10-Jan-20	RS Site		S							
2	2_20	PS122-2_20-5	5	6				13-Jan-20	SYI	x	x	x		x	x			x
2	2_20	n/a	-	-	-	-	-	13-Jan-20	EMIRAD Footprint		S							
2	2_20	n/a	-	-	-	-	-	15-Jan-20	lead		S							
2	2_20	n/a	-	-	-	-	-	15-Jan-20	RS Site		S							
2	2_20	PS122-2_20-47	47	-				16-Jan-20	Runway		S							
2	2_20	n/a	-	-	-	-	-	19-Jan-20	EMIRAD Footprint		S							
2	2_21	PS122-2_21-13	13	?				20-Jan-20	FYI	x	x	x	x	x	x	x		
2	2_21	PS122-2_21-124	124	-				24-Jan-20	Ridge		S							
2	2_21	n/a	-	-	-	-	-	24-Jan-20	lead		S	x						
2	2_22	PS122-2_22-7	7	?				27-Jan-20	SYI	x	x	x	x	x	x	x		x
2	2_22	???	-	-	-	-	-	29-Jan-20	RS Site		S	x						
2	2_23	PS122-2_23-3	3	?				3-Feb-20	FYI	x	x	x	x	P	x	x		x
2	2_23	n/a	-	-	-	-	-	5-Feb-20	DarksiteLead		S							
2	2_23	n/a	-	-	-	-	-	5-Feb-20	Darksite		S							
2	2_23	PS122-2_23-114	114	142				7-Feb-20	ROVMechanics		S							
2	2_23	PS122-2_23-115	115	-				9-Feb-20	EMIRAD Footprint		S							



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										TEMP	SALO18	RHO	CT	TEX	REP	BAC	OPT	PLT/PLA
4	4_45	PS122-4_45-29	29	30				30-Jun-20	SYI	X	X	X	X	X	X	X		X
4	4_45	PS122-4_45-131	131	-				3-Jul-20	Jaridge	X	X							
4	4_46	PS122-4_46-18	18	19				6-Jul-20	FYI	X	X	X	X		X	X	X	
4	4_46	PS122-4_46-20	20	21				6-Jul-20	SYI	X	X	X	X	X	X	X	X	X
4	4_46	PS122-4_46-178	178	179				10-Jul-20	Jaridge	X	X	X						
4	4_46	PS122-4_46-100	100	-				11-Jul-20	RS site	X	X							
4	4_47	PS122-4_47-16	16	17				13-Jul-20	FYI	X	X	X	X	X	X	X	X	X
4	4_47	PS122-4_47-18	18	19				13-Jul-20	SYI	X	X	X	X	X	X			X
4	4_47	PS122-4_47-157	157	158				15-Jul-20	Allisridge	X	X	X	X					
4	4_47	PS122-4_47_199	199	245				18-Jul-20	Jaridge	X	X							
4	4_47	PS122-4_47-137	137	-				18-Jul-20	MeltPond		X						X	
4	4_48	PS122-4_48-23	23	24				20-Jul-20	FYI	X	X	X	X	X	X	X	X	X
4	4_48	PS122-4_48-25	25	26				20-Jul-20	SYI	X	X	X	X	X	X		X	X
4	4_48	PS122-4_48-229	229	277				24-Jul-20	Jaridge	X	X		X					
4	4_48	PS122-4_48-158	158	-				25-Jul-20	FalseBottom		(6X)							
4	4_49	PS122-4_49-103	-	103				27-Jul-20	RS Site	X		X						
4	4_49	PS122-4_49-102	102	-				27-Jul-20	FYI								X	
4	4_49	PS122-4_49-101	101	-				27-Jul-20	SYI						X			
4	4_49	PS122-4_49-121	121	-				27-Jul-20	Albedo								X	
4	4_49	PS122-4_49-34	34	35				29-Jul-20	FYI	X	X	X	X	X	X		X	X
5	5_59	PS122-5_59-492	492	493				29-Aug-20	StrengthArea	x	S	x		x				
5	5_60	PS122-5_60-3	3	4				31-Aug-20	FYI	x	x	x		P				
5	5_61	PS122-5_61-6	6	7				7-Sep-20	FYI	x	x	x		P				
5	5_61	PS122-5_61-188			188			10-Sep-20	StrengthArea	x	S	x		x				
5	5_61	PS122-5_61-185	185	186				11-Sep-20	Ridge	x	x	x		P				
5	5_62	PS122-5_62-16	16	15				14-Sep-20	FYI	x	x	x		P				
5	5_62	PS122-5_62-35	35	282				14-Sep-20	MeltPond	x	S	x		P				
5	5_62	PS122-5_62-136			136			18-Sep-20	Lead	x	S	x		x				
5	5_62	PS122-5_62-135			135			18-Sep-20	Meltpond	x	S	x		x				
5	5_63	PS122-5_63-29	29	28				24-Sep-20	IceStation	x	S	x		x			x	
5	5_63	PS122-5_63-31	31	30				24-Sep-20	IceStation	x	S	x		x				
5	5_63	PS122-5_63-325	325	-				26-Sep-20	IceStation	x	S	x		x				
5	5_63	PS122-5_63-326			326			30-Sep-20	IceStation	x	S	x		x				
x= Collected and sampled							Devices used (awi.sensor.de)			Ice cores collected								
P= Processed onboard							si_corer_9cm			TEMP Temperature core								
S= Salinity only							si_corer_7cm			SALO18 Salinity and oxygen isotope core (denoted with S if only salinity was measured)								
							si_corer_14cm			RHO Density core								
							SMP (snow probe)			CT Micro-CT core (archived)								
							SI Generic Sampler			TEX Texture core (denoted with P if processed onboard, otherwise archived)								
										REP Replicate core (archived)								
										BAC Backup core (archived)								
										OPT Optics core (archived)								
										PLT/PLA (micro)Plastic core (archived)								