			Mission			ArcticNet 0902		**Ship**:		NGCC Amundsen	
			Zero Calibration reading					**Date**:		21 aout 2009	
			Standardization: K15			0,99981		**Batch**		p145	
				Salinity:		34,993		**Standard number display**			
				Bath temperature:		21					
			Standard Salinity Control								
			A coeffs	**B coeffs**		**parametre**	**value**				
			0,008	0,0005		$\sum a_i$	35				
			-0,1692	-0,0056		$\sum b_i$	0				
			25,3851	-0,0066		bath_t	21				
			14,0941	-0,0375		k	0,0162				
			-7,0261	0,0636							
			2,7081	-0,0144		***** VALID FOR SALINITY BETWEEN 2 AND 42 PSU *****					
Samples calibration											
barge samples (Ron Benner)											
Date	**Depth [m]**	**Stn**	**Cast**	**Bottle**	**suppression**	**reading 1**	**reading 2**	**reading 3**	**Sal 1**	**Sal 2**	
										#VALEUR!	
	0		1		1,4	455	456	455	23,6123	23,6124	
	0		2		1,3	2733	2741	2749	22,1824	22,1839	
	0		3		0,9	2961	2967	2966	15,0026	15,0037	
	0		4		0,6	647	647	637	9,4257	9,4257	
	0		5		0,4	9387	9492	9497	7,5477	7,5651	
	0		6		0	1804	1803	1806	0,2318	0,2316	
	0		7		0	1202	1202	1204	0,1538	0,1538	
	0		398		1	662	665	669	16,3675	16,3681	
			397		1	9989	9988	9988	18,0374	18,0372	
			396		1	5700	5698	5696	17,2673	17,2669	
			395		1,1	6258	6260	6259	19,1698	19,1701	
			394		1,2	8781	8779	8781	21,4550	21,4546	
			393		1,5	6880	6880	6881	26,6902	26,6902	
			392		1,6	3274	3275	3274	27,9016	27,9018	
			391		1,6	2846	2844	2845	27,8203	27,8199	
0902 3 canettes par niskin											
06/08/2009	390		0902055	04	1,9	8839	8834	8834	34,7720	34,7710	
	390		0902055	04	1,9	8826	8822	8822	34,7694	34,7686	
	390		0902055	04	1,9	8815	8814	8814	34,7673	34,7671	

Samples calibration										
barge samples (Ron Benner)										
Date	**Depth [m]**	**Stn**	**Cast**	**Bottle**	**suppression**	**reading 1**	**reading 2**	**reading 3**	**Sal 1**	**Sal 2**
	250		0902055	07	1,9	7485	7485	7432	34,5064	34,5064
	250		0902055	07	1,9	7509	7513	7509	34,5111	34,5119
	250		0902055	07	1,9	7497	7498	7495	34,5087	34,5089
	150		0902055	10	1,9	2053	2047	2042	33,4439	33,4428
	150		0902055	10	1,9	2035	2036	2034	33,4404	33,4406
	150		0902055	10	1,9	2051	2055	2053	33,4436	33,4443
	50		0902055	13	1,8	1712	1706	1708	31,4357	31,4345
	50		0902055	13	1,8	1693	1697	1696	31,4320	31,4328
	50		0902055	13	1,8	1687	1687	1686	31,4308	31,4308
	3		0902055	14	1,6	9807	9812	9810	29,1469	29,1479
	3		0902055	14	1,6	9820	9821	9823	29,1494	29,1496
	3		0902055	14	1,6	9844	9841	9843	29,1540	29,1534
23/07/2009	14		0902018	21	1,7	90	88	87	29,2010	29,2007
			0902018	21	1,7	93	92	93	29,2016	29,2014
			0902018	21	1,7	109	107	107	29,2047	29,2043
	100		0902018	13	1,8	6987	6986	6985	32,4578	32,4576
			0902018	13	1,8	6960	6990	6988	32,4525	32,4583
			0902018	13	1,8	6989	6989	6990	32,4581	32,4581
	200		0902018	08	1,9	5786	5784	5784	34,1735	34,1731
			0902018	08	1,9	5655	5655	5657	34,1479	34,1479
			0902018	08	1,9	5646	5644	5646	34,1461	34,1457
	400		0902018	05	1,9	8931	8932	8933	34,7900	34,7902
			0902018	05	1,9	8929	8929	8929	34,7897	34,7897
			0902018	05	1,9	8929	8929	8937	34,7897	34,7897
	649		0902018	02	1,9	9226	9225	9221	34,8480	34,8478
			0902018	02	1,9	9240	9242	9242	34,8507	34,8511
			0902018	02	1,9	9240	9245	9243	34,8507	34,8517
18/08/2009	1621		0902137	01	1,9	9600	9600	9601	34,9214	34,9214
			0902137	01	1,9	9631	9631	9631	34,9275	34,9275
			0902137	01	1,9	9608	9608	9609	34,9230	34,9230
	1000		0902137	03	1,9	9380	9380	9380	34,8782	34,8782
			0902137	03	1,9	9364	9364	9363	34,8751	34,8751
			0902137	03	1,9	9381	9384	9381	34,8784	34,8790
	600		0902137	04	1,9	9244	9243	9244	34,8515	34,8513
			0902137	04	1,9	9264	9264	9268	34,8554	34,8554

Samples calibration										
barge samples (Ron Benner)										
Date	**Depth [m]**	**Stn**	**Cast**	**Bottle**	**suppression**	**reading 1**	**reading 2**	**reading 3**	**Sal 1**	**Sal 2**
			0902137	04	1,9	9256	9255	9254	34,8539	34,8537
	175		0902137	05	1,9	3535	3534	3535	33,7333	33,7331
			0902137	05	1,9	3541	3544	3544	33,7345	33,7350
			0902137	05	1,9	3595	3591	3593	33,7450	33,7442
	10		0902137	08	1,6	975	972	971	27,4652	27,4646
			0902137	08	1,6	864	865	865	27,4442	27,4444
			0902137	08	1,6	842	842	842	27,4400	27,4400
barge samples										
	Bruno L.	430 surf		13	1,5	2748	2745	2743	25,9113	25,9107
		30 glace fondu		14	0,1	9078	9072	9072	2,7229	2,7220
		235		SIM-1	0	4886	4884	4882	0,6481	0,6478
		235		SIM	1,5	9046	9054	9055	27,0998	27,1013
		235		surf	1,6	27	27	29	27,2855	27,2855
		260		surf	1,5	4250	4249	4247	26,1941	26,1939
		760		surf	1,3	1385	1381	1380	21,9340	21,9332
	Barge	430		basket	1,5	2971	2976	2976	25,9532	25,9542
		430		icemelt	1,5	2736	2734	2733	25,9090	25,9086
		430		10 cm Nisk	1,5	3076	3075	3077	25,9730	25,9728
		430		I-1 m Nisk	1,5	2886	2885	2885	25,9372	25,9370
	BRG	693	13-08 12h30	forCDOM	0,6	5509	5509	5506	10,2479	10,2479
	BRG	695			0,5	2698	2695	2695	8,0960	8,0955
	BRG	694			0,6	1630	1628	1629	9,5914	9,5910
									#VALEUR!	#VALEUR!
									#VALEUR!	#VALEUR!
									#VALEUR!	#VALEUR!
									#VALEUR!	#VALEUR!
									#VALEUR!	#VALEUR!

Sal 3	Average	Std dev	CTD	depth	diff
########	########	########			
23,6123	23,6123	0,0001			
22,1854	22,1839	0,0015			
15,0035	15,0032	0,0006			
9,4240	9,4251	0,0010			
7,5659	7,5596	0,0103			
0,2320	0,2318	0,0002			
0,1541	0,1539	0,0001			
16,3688	16,3681	0,0006			
18,0372	18,0373	0,0001			
17,2666	17,2669	0,0004			
19,1700	19,1700	0,0002			
21,4550	21,4549	0,0002			
26,6904	26,6903	0,0001			
27,9016	27,9017	0,0001			
27,8201	27,8201	0,0002			
34,7710	34,7713	0,0006			
34,7686	34,7689	0,0005			
34,7671	34,7671	0,0001			

Sal 3	**Average**	**Std dev**	**CTD**	**depth**	**diff**
34,4960	34,5029	0,0060			
34,5111	34,5113	0,0005			
34,5083	34,5086	0,0003			
33,4418	33,4428	0,0011			
33,4402	33,4404	0,0002			
33,4439	33,4439	0,0004			
31,4349	31,4350	0,0006			
31,4326	31,4324	0,0004			
31,4306	31,4308	0,0001			
29,1475	29,1474	0,0005			
29,1500	29,1497	0,0003			
29,1538	29,1537	0,0003			
29,2005	29,2007	0,0003			
29,2016	29,2016	0,0001			
29,2043	29,2044	0,0002			
32,4574	32,4576	0,0002			
32,4580	32,4563	0,0033			
32,4583	32,4582	0,0001			
34,1731	34,1732	0,0002			
34,1483	34,1480	0,0002			
34,1461	34,1460	0,0002			
34,7904	34,7902	0,0002			
34,7897	34,7897	0,0000			
34,7912	34,7902	0,0009			
34,8470	34,8476	0,0005			
34,8511	34,8510	0,0002			
34,8513	34,8512	0,0005			
34,9216	34,9215	0,0001			
34,9275	34,9275	0,0000			
34,9232	34,9231	0,0001			
34,8782	34,8782	0,0000			
34,8749	34,8750	0,0001			
34,8784	34,8786	0,0003			
34,8515	34,8514	0,0001			
34,8562	34,8557	0,0005			

Sal 3	**Average**	**Std dev**	**CTD**	**depth**	**diff**
34,8535	34,8537	0,0002			
33,7333	33,7332	0,0001			
33,7350	33,7349	0,0003			
33,7446	33,7446	0,0004			
27,4644	27,4648	0,0004			
27,4444	27,4443	0,0001			
27,4400	27,4400	0,0000			
25,9103	25,9108	0,0005			
2,7220	2,7223	0,0005			
0,6475	0,6478	0,0003			
27,1015	27,1008	0,0009			
27,2859	27,2857	0,0002			
26,1935	26,1938	0,0003			
21,9330	21,9334	0,0005			
25,9542	25,9539	0,0005			
25,9084	25,9087	0,0003			
25,9732	25,9730	0,0002			
25,9370	25,9371	0,0001			
10,2474	10,2477	0,0003			
8,0955	8,0956	0,0003			
9,5912	9,5912	0,0002			
########	########	########			
########	########	########			
########	########	########			
########	########	########			
########	########	########			