

Mooring Temperatures		MOZ1_A07	MOZ1_A08	MOZ2_A11	MOZ2_A12	MOZ4_A01	MOZ4_A06	non-eddy	eddy		MOZ1_A07	MOZ1_A08	MOZ2_A11	MOZ2_A12	MOZ4_A01	MOZ4_A06
mid-interval date		28.04.2004	07.04.2004	02.11.2005	30.11.2005	06.02.2008	07.05.2008	average T	average T		Std. Dev.					
depth [m]		T [°C]	T [°C]	[°C]	[°C]	[°C]	[°C]			[°C]	[°C]	[°C]	[°C]	[°C]	[°C]	
0		29.6	28.8	26.8	28.2	27.0	27.8	28.5	27.5		0.58	0.53	0.41	0.59	0.44	0.38
110		21.4	23.9	22.2	18.0	23.3	18.8	19.4	23.1		0.52	0.48	2.75	0.92	1.03	0.64
200		16.7	18.8	17.9	14.8	18.8	15.7	15.7	18.5		0.54	1.15	1.25	0.61	0.66	0.36
400		11.7	11.9	12.7	11.0	12.7	11.7	11.4	12.4		0.24	0.16	0.38	0.31	0.31	0.18
480		10.8	10.9	11.2	9.7	10.9	10.3	10.3	11.0		0.12	0.12	0.24	0.22	0.14	0.14
1025		6.9	7.1	7.4	6.5	6.7	6.4	6.6	7.1		0.15	0.12	0.17	0.16	0.05	0.06
1525		3.6	3.7	4.3	3.7	4.1	3.7	3.7	4.0		0.17	0.10	0.12	0.16	0.03	0.10
1975		2.7	2.6	2.7	2.6	2.7	2.6	2.6	2.7		0.03	0.01	0.05	0.03	0.02	0.02
2375		2.3	2.3	2.3	2.2	2.3	2.2	2.2	2.3		0.03	0.02	0.10	0.05	0.05	0.05
Mooring Salinities								average S	average S		Std. Dev.					
depth [m]								N.A.	N.A.							
0		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.							
110		35.2	35.0	35.3	35.6	35.3	35.4	35.4	35.2		0.1	0.0	0.2	0.1	0.1	0.0
200		35.3	35.2	35.3	35.4	35.3	35.3	35.3	35.3		0.1	0.1	0.0	0.0	0.0	0.0
400		35.0	35.0	35.1	35.0	35.1	35.0	35.0	35.1		0.1	0.0	0.0	0.0	0.0	0.0
1525		34.7	34.7	34.8	34.7	34.7	34.7	34.7	34.7		0.0	0.0	0.0	0.0	0.0	0.0
1975		34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8		0.0	0.0	0.0	0.0	0.0	0.0
2375		34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8		0.0	0.0	0.0	0.0	0.0	0.0

Table S1: Mooring temperature and salinity data for eddy (red) and non-eddy (blue) intervals.