

Table S1. The mooring design for C1 and C2 from the CHINARE					
Station	Longitude	Latitude	Bottom Depth (m)	Instrument/Sensor/Instrument Depth (m)	Deployment/Recovery Date
C1	72.0069 E	67.2125 S	545	Infinity-EM/Current Meter/340	Mar 3rd 2013/Feb 11th 2015
C2	72.6533 E	67.2125 S	550	SBE39_5728/Temperature & Depth/58	Feb 8th 2012/Feb 24th 2013
				SBE39_5810/Temperature& Depth/98	
				SBE37/Temperature & Conductivity/272	
				SBE56_60/Temperature/312	
				Infinity-EM/Current meter/350	
				SBE56_59/Temperature/470	
				SBE56_61/Temperature/511	