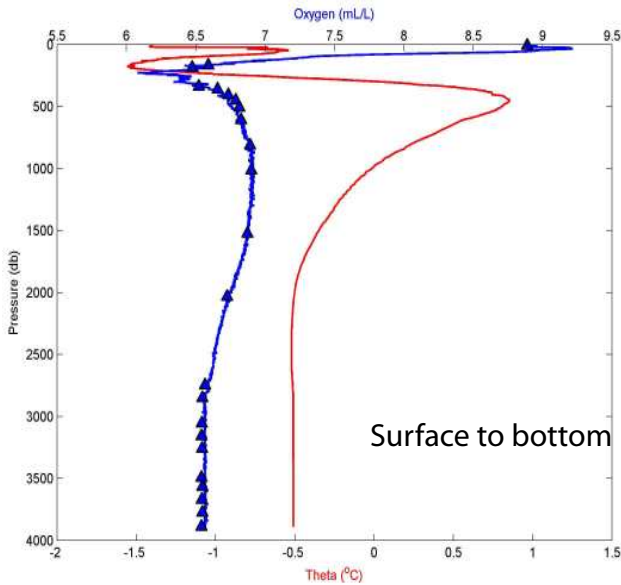


# XR-620 CTD+RINKO III DO

## CTD Profiling with Fast DO channel

The RINKO III DO sensor from JFE Alec offers an ideal complement to the XR-620CTD from RBR. The RINKO III has a time constant of better than a second in ideal conditions. All 8 calibration constants are stored in the logger.

Data from a cast in the Arctic by Dr Fiona McLaughlin and team:



### Specifications

<b>DO</b>	<b>RINKO III</b>
Range	0 to 200%
Resolution	0.01~0.04%
Accuracy	±2% at 25°C
Drift	±5%/month
Response	~1 sec for 63% at 25°C
<b>Temperature</b>	<b>Thermistor</b>
Range	-5 °C to 35 °C
Accuracy	± 0.002 °C
Resolution	<0.00005 °C
Response	~0.1 sec time constant
Drift:	<0.002 °C/year

<b>Conductivity</b>	<b>Inductive sensor</b>
Range:	0 to 85 mS/cm
Accuracy:	±0.003 mS/cm at 35psu 15°C
Drift	~0.001 mS/cm per month
Resolution:	<0.001 mS/cm
Time Constant:	~0.1sec depending on flow rate
<b>Depth</b>	
Range:	Ranges from 10 to 6000 dBar
Accuracy:	±0.05% full scale
Resolution:	<0.001% full scale
Time Constant:	< 10 msec

