

Water Mass 9

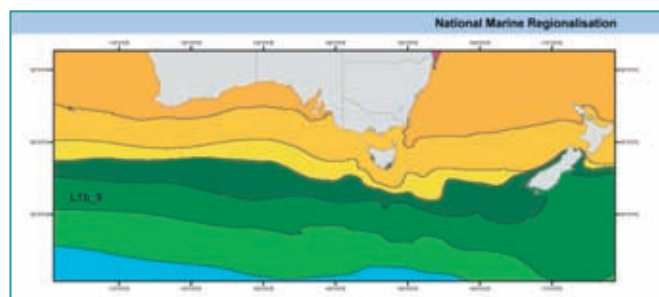
Sub-Antarctic Front

Description: This region is the Sub-Antarctic Front, which separates the Subtropical Convergence zone in the north from sub-Antarctic water masses to the south. The water mass is aligned with a current system whose magnitude and direction can be clearly visualised in Appendix G (Figure G-4) and which corresponds closely with the region of higher energy in the Level 3 map. The strong and pervasive energetics in this region reflect the mixing processes of a sub-Antarctic current interacting with the sub-Antarctic ridge system. Nutrient levels are very high and salinities are relatively low.

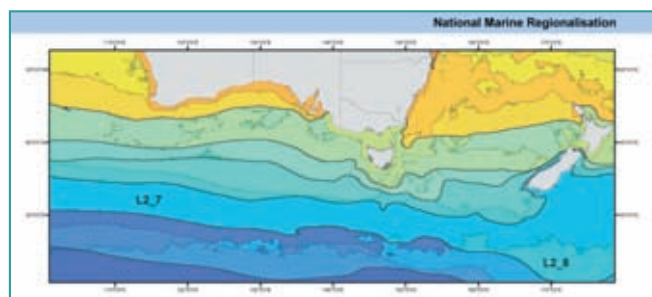


Water Mass 9	Mean	Min	Max	Std. Dev.
Temperature (°C)	7.14	4.32	15.31	1.24
Salinity	34.28	33.79	34.53	0.14
Oxygen (mm/l)	6.38	4.90	7.24	0.48
Nitrate (mg/l)	18.59	0.56	32.96	4.47
Silicate (mg/l)	7.65	0.65	38.03	5.51

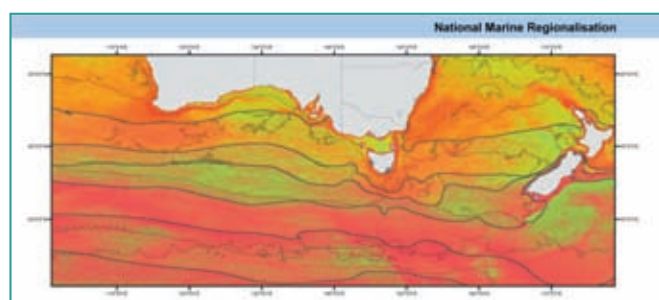
Depth (m):	100	Longitude (°E):	151.7
Latitude (°S):	-49.6	Volume (km ³ /106):	2.05



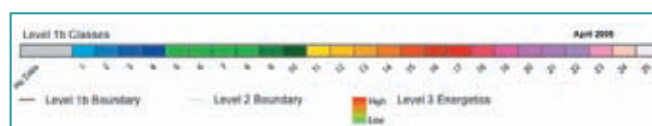
Level 1B



Level 2



Level 3



For further information, please contact:

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