

| RELEVANT REPEAT SECTIONS WITH OTHER SAMPLING STRATEGIES      |  |                                      |   |
|--|--|--------------------------------------|---|
| Section  | Description (ship track)   | Year planned                         | PI  |
| ANDREX   | northern boundary of the Weddell Gyre, 58°S from 30°E to the tip of the Antarctic Peninsula  | 2009 east / 2010 west                | S. Bacon / D. Bakker<br>UK                    |
| OISO   | low resolution hydrocasts  | Annual since 1998                    | N. Metzl<br>France                            |
| Atlantic 23 W  | 23°W from 15° N to 5° S; line frequently run by IFM-GEOMAR, occasionally with full tracers, carbon, and chemistry  | 2009                                 | T. Tanhua<br>Germany                          |
| P03 to the west of the date line                             | 24°N; Japan to data line   | 2013 not fixed                       | To be conducted by JMA.<br>Japan              |
| Line P   | BC coast to 50° N, 145° W. CTD casts at 27 stations, water properties (nutrients, oxygen) at 5 to 7 stations.  | 3/yr over next decade                | M. Robert<br>DIC/Alk by Lisa Miller<br>Canada |
| I09S / Freemantle to Prydz Bay                               | Leaving from Fremantle of Australia, pass southern Indian Ocean, transactions investigation between 60°S and 69°S.   | Yearly except for modification year. | Z. Dong<br>China                              |
| Joint ArcticNet/ NABOS annual cruise (I/B Kapitan Dranitsyn) | From Murmansk to Laptev Sea (following the Arctic shelfbreak)  | 2003, 2004, 2005, 2006, ongoing      | L. Fortier<br>Canada                          |
| ArcticNet annual monitoring cruise (CCGS Amundsen)           | From Quebec City to Labrador Sea, Baffin Bay (NOW), Northwest Passage (through M'Clintock Channel), Beaufort Sea (Mackenzie Shelf and Amundsen Gulf), and to Foxe Basin and Hudson Bay on the way back to Quebec City. | 2003, 2004, 2005, 2006, ongoing      | L. Fortier<br>Canada                          |