

## GO-SHIP REFERENCE SECTIONS

Map /Table info: **Bold** = decadal surveys; Normal = high frequency repeats (at least 1 every 3 years)

<b>ATLANTIC</b>			
<b>Section</b>	<b>Description (ship track)</b>	<b>Last Occupation Chief Scientist Country</b>	<b>Next Occupation Chief Scientist Country</b>
A01E	Greenland to UK	2005 Chief Sci: ____ Netherlands	2011/2013 Chief Sci: ____ Netherlands
A01W	From Labrador to Greenland 53N/56W-61N/48W; 1/year (spring)	2009 K. Azetsu-Scott Canada	2010 K. Azetsu-Scott Canada
<b>A02</b> (SFB-460)	20 – 25° W Iceland to 5° S	2001 W. Zenk Germany	Unknown
<b>A05</b>	24° N (note: this line is part of the UK RAPID program with repeats every ~ 5 years).	2004 S. Cunningham UK	2010 S. Cunningham UK  2010 P. Velez Spain  2011 M. Baringer USA
<b>A10</b>	30°S	2009 B. King UK	2010 M. Baringer USA
<b>A16 N</b>	20 – 25° W Iceland to 5° S	2003 J. Bullister USA	2012 R. Wanninkhof USA
<b>A16S</b>	25 - 35° W, 5° S to 60° S	2005 R. Wanninkhof USA	2013 R. Wanninkhof USA
<b>A20</b>	52°W	2003 J. Toole USA	2012 J. Swift USA
<b>A22</b>	66°W	2003 T. Joyce USA	2012 J. Swift USA

<b>A21 / SR1b</b> (eastern passage)	Drake Passage ( <i>note: SR1b repeated annually with CTD, SADCP, LADCP</i> )	Feb 2009 (A21 + SR1b with full chemistry and tracers) E. McDonagh UK	Nov 2009 (SR1b, no chemistry) E. McDonagh UK
<b>A13.5</b>	0°; Cape Town to Ghana	1983 J. Reid USA	2010 J. Bullister USA
SR04	Section from tip of Antarctic Peninsula to Kapp Norvegia (approx 12° W) along the northern edge of the Weddell gyre (nominally 60° S); often done as a pair with A12.	2008 E. Fahrbach / H. De Baar Germany / Netherlands	2011 E. Fahrbach / M. Hoppema Germany / Netherlands
A12	Capetown to the Antarctic continent along the prime meridian; often done in a pair with SR04.	2008 E. Fahrbach / H. De Baar Germany / Netherlands	2011 E. Fahrbach / M. Hoppema Germany / Netherlands
<a href="#">OVIDE</a> (A25)	Iberian Peninsula – Greenland	2008 A. Rios Spain	2010 H. Mercier France
FICARAM	Ushuaia – Cartagena (Spain), following part of the line WOCEA A17 and from 10°S to 36°N along 28°W	2006 A. Rios Spain	2013 A. Rios Spain

PACIFIC			
Section	Description (ship track)	Last Occupation Chief Scientist Country	Next Occupation Chief Scientist Country
P01	47° N	2007 T. Kawano Japan	Unknown
<b>P14 N</b>	Aleutians intersection with P01 and northward.	2007 T. Kawano and A. Murata Japan	Unknown
P02	30° N	2004 J. Swift USA	2013 J. Swift USA
<b>P04</b>	10° N	1989 H. Bryden/J. Toole USA	Unknown

<b>P06</b>	30°S	2009 A. MacDonald/R. Curry USA	Unknown
<b>P21</b>	17°S	2009 A. Murata Japan	Plan is for decadal occupations by Japan
P09	137°E	1994 I. Kaneko Japan	2010 T. Nakano Japan
P10	147° E	2005 T. Kawano Japan	Unknown
P13	165°E	1992 J. Bullister USA	2011 T. Nakano Japan
<b>P15S</b>	Equator – 50°S 175°W (strategy calls for section to go to 67° S when possible).	2009 B. Sloyan Australia	Unknown
<b>P16N / S</b>	112 - 102° W	2005 – 06 R. Feely USA	2014 R. Feely/J. Swift USA
<b>P18</b>	110° W	2008 J. Bullister and G. Johnson USA	Unknown
SR03	Tasmania to Antarctic Continent, 140 – 145° E	2007 S. Rintoul Australia	Unknown
S04P (modified)	Nominal 67° S; McMurdo to Punta Arenas; connects to S04I and SR04 (Atlantic) with sections from 67 to the continent along P14, P15, P16, and P18.	1992 Koshlyakov and Richman Russia	2011 J. Swift USA

<b>INDIAN</b>			
<b>Section</b>	<b>Description (ship track)</b>	<b>Last Occupation Chief Scientist Country</b>	<b>Next Occupation Chief Scientist Country</b>
I01W	8°N, Oman to Sri Lanka	1995 J. Morrison USA	Unknown
I01E	8°N, Sri Lanka to Singapore	1995 H. Bryden USA	Unknown

<b>I03</b>	20-25°S, Cape Town – Madagascar - Freemantle	2003 M. Fukasawa Japan	Unknown
<b>I05</b>	32°S, Durban to Freemantle	2009 J. Swift USA	Unknown
<b>I06S</b>	30° E Cape Town to Antarctic Continent	2008 K. Speer USA	Unknown
<b>I07N</b>	65° - 55° E, Oman to Mauritius	1995 J. Toole/D. Olson USA	Postponed indefinitely for security reasons
<b>I09N</b>	95° E, 28° - 4° S	2007 J. Sprintall USA	Unknown
<b>I08S</b>	95 - 82°E from 27° S to Antarctic Continent	2007 J. Swift USA	Unknown
<b>I09S</b>	115° E	2005 B. Tilbrook Australia	2012 B. Tilbrook Australia
<b>I10</b>	I02 + I10 from 8° S + 111° E	1995 J. Sprintall USA	2011-12 A. Murata Japan
<b>S04I</b>	Section connecting I09S and S04P at ~ 60° S; S04/S04I + S14S, 62° S (33.5° E-168° E) + 174° E	1996 J. Swift USA	2012 – 13 T. Kawano Japan

<b>ARCTIC</b>			
<b>Section</b>	<b>Description (ship track)</b>	<b>Last Occupation Chief Scientist Country</b>	<b>Next Occupation Chief Scientist Country</b>
75N	Iceland – Greenland.	2009 T. Johannessen and A. Olsen Norway	2011
Barrow to Svalbard	Barrow Alaska to Svalbard Norway	2005 L. Anderson Sweden	2012 L. Anderson Sweden
<a href="#">Davis Straits</a>	Baffin Island to Greenland	2009 C. Lee and B. Petrie USA and Canada	2010 C. Lee and B. Petrie USA and Canada

Barrows and Nares Straits	Barrow Strait (74.09° N 90.44° W to 74.83° N 93.00° W); Nares Strait (??)	2009 J. Hamilton Canada	2010 J. Hamilton Canada
<a href="#">RUSALCA</a>	Bering and Chukchi Seas	2009 R. Woodgate USA	2010 R. Woodgate USA