Grevemeyer et al.; GEOSPHERE - Supplementary Table 1:

Lon Lat Age rate thickness error Area Reference

40.0 86.4 0 6 2.7 1.5 Gakkel Jokat and Schmidt-Ausch, 2007

41.0 86.4 0 6 2.7 1.5 Gakkel Jokat and Schmidt-Ausch, 2007

45.0 86.6 0 6 2.6 1.5 Gakkel Jokat and Schmidt-Ausch, 2007

46.0 86.7 0 6 2.7 1.5 Gakkel Jokat and Schmidt-Ausch, 2007

50.0 86.8 0 6 3.3 1.5 Gakkel Jokat and Schmidt-Ausch, 2007

54.0 87.0 0 6 2.9 1.5 Gakkel Jokat and Schmidt-Ausch, 2007

62.0 86.9 0 6 3.5 1.5 Gakkel Jokat and Schmidt-Ausch, 2007

16.0 85.5 0 10 2.5 1.5 Gakkel Jokat and Schmidt-Ausch, 2007

12.0 84.9 0 10 1.4 1.5 Gakkel Jokat and Schmidt-Ausch, 2007

35.0 85.8 0 10 1.9 1.5 Gakkel Jokat and Schmidt-Ausch, 2007

38.0 86.0 0 10 2.1 1.5 Gakkel Jokat and Schmidt-Ausch, 2007

6.0 84.5 0 13 3.2 1.5 Gakkel Jokat and Schmidt-Ausch, 2007

5.1 83.8 0 13 1.2 1.2 Gakkel Jokat and Schmidt-Ausch, 2007

5.0 83.8 0 13 4.9 1.5 Gakkel Jokat and Schmidt-Ausch, 2007

-3.0 83.6 0 13 2.5 1.5 Gakkel Jokat and Schmidt-Ausch, 2007

65.8 -27.7 2 12 4.5 0.8 SWIR 66°E Muller et al., 1999

66.2 -27.7 2 12 3.2 0.8 SWIR 66°E Muller et al., 1999

57.0 -32.7 11 14 3.8 1.0 SWIR 57°E Muller et al., 2000

3.0 72.4 5 15.5 4.1 0.5 Mohns Klingelhoefer et al., 2000

-12.2 -4.8 <15 32 5.5 0.5 MAR 5°S Planert et al., 2009

-12.2 -4.8 <15 32 3.0 0.5 MAR 5°S Planert et al., 2009

-12.2 -4.8 <15 32 9.0 0.2 MAR 5°S Planert et al., 2009

-12.2 -4.8 <15 32 6.0 0.8 MAR 5°S Planert et al., 2009

-11.5 -5.2 <15 32 4.0 0.8 MAR 5°S Planert et al., 2010

-11.5 -5.2 <15 32 3.0 0.5 MAR 5°S Planert et al., 2010

-11.5 -5.2 <15 32 4.5 0.7 MAR 5°S Planert et al., 2010

-11.5 -5.2 <15 32 3.5 0.7 MAR 5°S Planert et al., 2010

-11.5 -5.2 <15 32 3.6 0.5 MAR 5°S Planert et al., 2010

-11.5 -5.2 <15 32 2.6 0.5 MAR 5°S Planert et al., 2010

-11.5 -5.2 <15 32 2.5 0.4 MAR 5°S Planert et al., 2010

-45.0 23.3 <12 25 2.4 0.8 MAR 23°N Canales et al., 2000

-44.8 23.3 <12 25 4.5 0.8 MAR 23°N Canales et al., 2000

-36.4 35.0 0 22 8.1 0.5 MAR 35°N Hooft et al., 2000

-37.2 34.4 0 22 9 0.5 MAR 35°N Hooft et al., 2000

-37.8 33.8 0 22 6.6 0.5 MAR 35°N Hooft et al., 2000

-37.8 33.6 0 22 2.5 0.5 MAR 35°N Hooft et al., 2000

-37.2 34.8 0 22 5.0 0.5 MAR 35°N Hooft et al., 2000

-36.2 35.1 0 22 3.5 0.5 MAR 35°N Hooft et al., 2000

-44.9 22.3 <10 26 8.0 0.5 MAR 22°N Dannowski et al., 2010

-45.2 22.3 <10 26 4.0 0.5 MAR 22°N Dannowski et al., 2010

-45.4 22.3 <10 26 6.0 0.5 MAR 22°N Dannowski et al., 2010

-45.3 21.7 0 26 3.8 0.5 MAR 21°N Dannowski et al., 2011

-45.3 21.3 0 26 7.8 0.5 MAR 21°N Dannowski et al., 2011

-45.4 21.5 0 26 5.0 0.5 MAR 21°N Dannowski et al., 2011

-45.2 22.0 <10 26 6.5 0.5 MAR 21°N Dannowski et al., 2011

49.5 -37.7 0 14 5.5 0.5 SWIR 50°E Nui et al., 2015

50.5 -37.6 0 14 9.5 0.5 SWIR 50°E Nui et al., 2015

(age in million years; spreading rate in mm/yr; thickness in km; error in km)

(MAR – Mid-Atlantic Ridge; SWIR – South West Indian Ridge; Gakkel: Gakkel Ridge; Mohns: Mohns Ridge)

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