



CD Descriptions & File Formats

Cruise: AMORE 2001
 Date: JD214-269
 Chief Sci: P. Micheal

Ship: *USCGC* Healy & *PFS* Polarstern
 Region: Gakkel Mid-Ocean Ridge
 Email: pjm@utulsa.edu

CD #1 (649 Mb)

These CD contains the

<u>File</u>	<u>Description</u>	<u>Scale</u>	<u>Size</u>	<u>Formats</u>
healy0102.bty.50.ALL.100m	Gakkel Ridge Overview	1:500k	11" x 81"	Postscript
healy0102.chart-key.A0	Chart Location Key		45" x 26"	Postscript
healy0102.Healy.nav	Healy navigation file			*see file formats
healy0102.Polarstern.nav	Polarstern navigation file			*see file formats
PS-sample_descriptions	Excel Spreadsheet of Polarstern Sample Descriptions			
PS-Station_Log	Excel Spreadsheet of Polarstern Station Logs			
Healy-Sites_descriptions	MS Word file of Healy Sample Descriptions			
GakkelRidgeSites	Excel Spreadsheet of Healy & Polarstern Sample Sites			

CD #2 (424 Mb)

These CD contains the Sample Site chart series and data files:

<u>File</u>	<u>Description</u>	<u>Scale</u>	<u>Size</u>	<u>Formats</u>
HLY0102-D???.bty.50.N.page	Dredge Charts 1 – 101	1:10k	8.5" x 11"	Postscript & PDF
HLY0102-R???.bty.50.N.page	Rockcore Charts 1 – 20	1:10k	8.5" x 11"	Postscript & PDF
HLY0102-C???.bty.50.N.page	CTD Cast Charts 1 – 08	1:10k	8.5" x 11"	Postscript & PDF
HLY0102-???.grd	GMT Bathymetry grid cell size = 50m			NetCDF grid
HLY0102-???.nav	Healy Nav file during sample station			*see file formats
HLY0102-???.ten	Healy Winch Tension file during sample station			*see file formats

CD #3 (524 Mb)

These CD contains the 1:100k Bathymetry Chart series:

<u>File</u>	<u>Description</u>	<u>Scale</u>	<u>Size</u>	<u>Formats</u>
healy0102.100-0???.bty.50.N.A0	Bathy Charts 1 – 5	1:100k	34" x 46"	Postscript & PDF
healy0102.100-0???.bty.50.275.page	Bathy Charts 1 – 5	1:100k	8.5" x 11"	Postscript & PDF
healy0102.100-0???.nav.page	Nav Charts 1 – 5	1:100k	8.5" x 11"	Postscript & PDF
healy0102.100-0???.bty.int.50.275.grd	GMT Illumination grid 1 – 5		50m cell	NetCDF grid
healy0102.100-0???.bty.nn.g.f.50.grd	GMT Bathymetry grid 1 – 5		50m cell	NetCDF grid

CD #4 (547 Mb)

These CD contains the 1:100k Bathymetry Chart series:

<u>File</u>	<u>Description</u>	<u>Scale</u>	<u>Size</u>	<u>Formats</u>
healy0102.100-0???.bty.50.N.A0	Bathy Charts 6 – 10	1:100k	34" x 46"	Postscript & PDF
healy0102.100-0???.bty.50.275.page	Bathy Charts 6 – 10	1:100k	8.5" x 11"	Postscript & PDF
healy0102.100-0???.nav.page	Nav Charts 6 – 10	1:100k	8.5" x 11"	Postscript & PDF
healy0102.100-0???.bty.int.50.275.grd	GMT Illumination grid 6 – 10		50m cell	NetCDF grid
healy0102.100-0???.bty.nn.g.f.50.grd	GMT Bathymetry grid 6 – 10		50m cell	NetCDF grid

CD #5 (292 Mb)

These CD contains the 1:100k Bathymetry Chart series:

<u>File</u>	<u>Description</u>	<u>Scale</u>	<u>Size</u>	<u>Formats</u>
healy0102.100-0???.bty.50.N.A0	Bathy Charts 11 – 13	1:100k	34" x 46"	Postscript & PDF
healy0102.100-0???.bty.50.275.page	Bathy Charts 11 – 13	1:100k	8.5" x 11"	Postscript & PDF
healy0102.100-0???.nav.page	Nav Charts 11 – 13	1:100k	8.5" x 11"	Postscript & PDF
healy0102.100-0???.bty.int.50.275.grd	GMT Illumination grid 11 – 13		50m cell	NetCDF grid
healy0102.100-0???.bty.nn.g.f.50.grd	GMT Bathymetry grid 11 – 13		50m cell	NetCDF grid



CD Descriptions & File Formats

Cruise: AMORE 2001 Ship: *USCGC* Healy & *PFS* Polarstern
 Date: JD214-269 Region: Gakkel Mid-Ocean Ridge
 Chief Sci: P. Micheal Email: pjm@utulsa.edu

CD #6 (564 Mb)

These CD contains the 1:50k Bathymetry Chart series:

<u>File</u>	<u>Description</u>	<u>Scale</u>	<u>Size</u>	<u>Formats</u>
healy0102.50-0???.bty.50.N.A0	Bathy Charts 1 – 13	1:50k	34" x 46"	Postscript & PDF
healy0102.50-0???.bty.50.275.page	Bathy Charts 1 – 13	1:50k	8.5" x 11"	Postscript & PDF
healy0102.50-0???.nav.page	Nav Charts 1 – 13	1:50k	8.5" x 11"	Postscript & PDF
healy0102.50-0???.bty.int.50.275.grd	GMT Illumination grid 1 – 13		50m cell	NetCDF grid
healy0102.50-0???.bty.nn.g.f.50.grd	GMT Bathymetry grid 1 – 13		50m cell	NetCDF grid

CD #7 (578 Mb)

These CD contains the 1:50k Bathymetry Chart series:

<u>File</u>	<u>Description</u>	<u>Scale</u>	<u>Size</u>	<u>Formats</u>
healy0102.50-0???.bty.50.N.A0	Bathy Charts 14 – 30	1:50k	34" x 46"	Postscript & PDF
healy0102.50-0???.bty.50.275.page	Bathy Charts 14 – 30	1:50k	8.5" x 11"	Postscript & PDF
healy0102.50-0???.nav.page	Nav Charts 14 – 30	1:50k	8.5" x 11"	Postscript & PDF
healy0102.50-0???.bty.int.50.275.grd	GMT Illumination grid 14 – 30		50m cell	NetCDF grid
healy0102.50-0???.bty.nn.g.f.50.grd	GMT Bathymetry grid 14 – 30		50m cell	NetCDF grid

CD #8 (554 Mb)

These CD contains the RTL format Chart series:

<u>File</u>	<u>Description</u>	<u>Scale</u>	<u>Size</u>	<u>Formats</u>
(100k-bty-rtl)				
healy0102.100-0???.bty.50.N.A0	Bathy Charts 1 – 13	1:100k	34" x 46"	RTL plotter
healy0102.100-0???.bty.50.275.page (nav-rtl)	Bathy Charts 1 – 13	1:100k	8.5" x 11"	RTL deskjet
healy0102.100-0???.nav.page	Bathy Charts 1 – 13	1:100k	8.5" x 11"	RTL deskjet
healy0102.50-0???.nav.page (sample-bty-rtl)	Bathy Charts 1 – 13	1:50k	8.5" x 11"	RTL deskjet
HLY0102-D???.bty.50.N.page	Dredge Charts 1 – 101	1:10k	8.5" x 11"	RTL deskjet
HLY0102-R???.bty.50.N.page	Rockcore Charts 1 – 20	1:10k	8.5" x 11"	RTL deskjet
HLY0102-C???.bty.50.N.page	CTD Cast Charts 1 – 08	1:10k	8.5" x 11"	RTL deskjet

CD #9 (390 Mb)

These CD contains the RTL format (*HP plotter direct version*) Chart series:

<u>File</u>	<u>Description</u>	<u>Scale</u>	<u>Size</u>	<u>Formats</u>
healy0102.bty.50.ALL.100m	Gakkel Ridge Overview		11" x 81"	RTL plotter
healy0102.bty.50.ALL.50m	Gakkel Ridge Overview		11" x 81"	RTL plotter
healy0102.chart-key.A0 (50k-bty-rtl)	Chart Location Key		45" x 26"	RTL plotter
healy0102.50-0???.bty.50.N.A0	Bathy Charts 1 – 30	1:50k	34" x 46"	RTL plotter
healy0102.50-0???.bty.50.275.page	Bathy Charts 1 – 30	1:50k	8.5" x 11"	RTL deskjet

Custom File Formats

Navigation files (HLY0102-???.nav):

Format: year jday hr mm ss id type longitude latitude [*HMRG Stagnav*]

Example: 2001 213 10 57 06 000 *nav 71.080917 19.714383

Tension files (HLY0102-???.ten):

Format: jday time(s) hr:mm:ss winch1_tension(lbs) winch1_wireout(m) winch2_tension(lbs) winch2_wireout(m)

Example: 261 22618149 18:49:09 1001 1254 10 2