

"Continuous" SEG-D raw files and "gunlink" source signature files

Source signature ("gunlink") files in SEG-D format are available upon request. These files are created by the gun controller software (Seamap Gunlink 2000). The files capture the source signature recorded for each shot as measured with hydrophones located on the gun arrays. There is one SEG-D "gunlink" file per shot point. The "gunlink" files are generated for each Langseth seismic cruise that deploys the airguns, and began with Langseth cruise MGL2104.

"Continuous" SEG-D raw files are available upon request for Langseth multi-channel seismic cruises provided the number of channels in the streamer cable is no greater than 960. Each raw SEG-D file is a 5-seconds-long continuous recording that captures all of the channels. These 5-second raw files are recorded independently from the shots and they include high-accuracy time stamps. Sequential 5-second raw files may be combined and cut to any record length for each shot point. For standard sections having a 12.5m channel spacing, this corresponds to a maximum cable length of 12,000m. For high-resolution sections which have a 6.25m channel spacing, the maximum cable length is 6,000m. For Langseth MCS cruises that meet this criterion for the maximum number of channels, continuous SEG-D raw files are available beginning with cruise MGL2306.

To request any of these Langseth "gunlink" SEG-D files or "continuous" SEG-D raw files please contact the Academic Seismic Portal team at "info@marine-geo.org".