



LOBSTER - The Next Generation

Arne Schwenk

K.U.M. GmbH, Kiel, Germany (cad@kum-kiel.de)

Since 1997 K.U.M. GmbH designs and manufactures Ocean Bottom Seismometer. During the last three years we designed a new instrument which is presented here. Higher resolution, higher accuracy and less power consumption led to an unique instrument, the worlds smallest broadband longterm OBS. Key data are: 32 bit, 143dB, 300mW, 120 sec, 200kg deployment weight, size of half a palette.