

Core no. BOFS 14k N 58° 27.2' W 19° 26.2': 1756 m b.s.l.

Age control: Date: 1998

- *G. bulloides* and *N. pachyderma* sin. ¹⁸O records (Maslin,1992)
- AMS ¹⁴C analogue stratigraphy (Maslin,1992).
- Heinrich layers (Maslin,1992).

Surface sediment age :

- 4.7 ka BP ¹⁴C age

Age/depth correlation :

| Orig. depth | ¹⁴ C age | Calendar years | Sed.rate | Original interval/material/ | Remarks |
|-------------|---------------------|----------------|----------|------------------------------------|---------|
| [cm] | [ky BP] | [ka] | [cm/ky] | $\delta^{18}\text{O}$ stratigraphy | |
| 34 | 14.8 | 18.3 | | AMS ¹⁴ C analogue | |
| 56 | | 23.8 | 4.0 | Peak H 2 | IRD |
| 76 | | 29.6 | 3.4 | Peak H 3 | IRD |
| | | | | | |

Remarks:

- LGM time slice per analogy with BOFS5 and BOFS8.

Original references:

- Maslin, M., Shackleton, N.J. & Pflaumann, U. (1995): Surface water temperature, salinity, and density changes in the NE-Atlantic during the last 45,000 years: Heinrich events, deep water formation and climatic rebounds. - *Paleoceanography*, 10, 527-544.
- Maslin, M.A. (1992): A study of the paleoceanography of the N.E. Atlantic in the late Pleistocene. - Ph.D. thesis, Cambridge Univ., Cambridge, England, 164 pp.

LGM time slice:

- GLAMAP: 34-44 cm orig. depth
- EPILOG: 36-47 cm orig. depth

LGM foraminifera counts: Maslin (MM)

- GLAMAP: 34, 36, 38, 40, 42, 44 cm orig. depth
- EPILOG: 36, 38, 40, 42, 44, 46 cm orig. depth

References for faunal analysis:

- Maslin, M.A. (1992): A study of the paleoceanography of the N.E. Atlantic in the late Pleistocene. - Ph.D. thesis, Cambridge Univ., Cambridge, England, 164 pp.

BOFS 14k

