

Core no. V 22-197      N 14° 04.20'    W 18° 49.20':    3167 m b.s.l.

Age control:      Date: 1991

- *Cibicides*. <sup>18</sup>O record in Curry et al. (1988)
- <sup>18</sup>O records *U. peregrina*, *P. murrhina* in Koopmann (1979).
- AMS <sup>14</sup>C analogue stratigraphy.

Surface sediment age :

- 6.68 ka, extrapolated.

Age/depth correlation :

Orig. depth	Calendar years	Sed.rate	Original interval/ material/	Remarks
[cm]	[ka]	[cm/ky]	<sup>δ</sup> <sup>18</sup> O stratigraphy	
0	6.68			extrapolated
30	9.8		AMS <sup>14</sup> C analogue	
55	11.6	13.9	AMS <sup>14</sup> C analogue	
96	17.05	7.5	AMS <sup>14</sup> C analogue	
105	18.3	7.2	AMS <sup>14</sup> C analogue	
185	29.5	7.1	AMS <sup>14</sup> C analogue	

Remarks:

- problems in Term IB ?reworking/bioturbation
- changes in sedimentation rates off Senegal river mouth

Original references:

- Sarnthein, M., Winn, K., Jung, S.J.A., Duplessy, J.-C., Labeyrie, L., Erlenkeuser, H. & Ganssen, G. (1994): Changes in east Atlantic deepwater circulation over the last 30,000 years: Eight time slice reconstructions.- *Paleoceanography*, 9, 209-267.
- Curry, W.B., Duplessy, J.C., Labeyrie, L.D. & Shackleton, N.J. (1988): Changes in the distribution of <sup>13</sup>C of deep water CO<sub>2</sub> between the last glaciations and the Holocene.- *Paleoceanography*, 3, 317-341.
- Koopmann, B. (1979): Saharastaub in den Sedimenten des subtropischen Nordatlantik während der letzten 20.000 Jahre. - Diss.Univ.Kiel, pp. 107.

LGM time slice:

- GLAMAP: 105-128 cm orig. depth
- EPILOG: 110-135 cm orig. depth

LGM foraminifera counts: Pflaumann (UP)

- GLAMAP: 111, 114, 119, 124 cm orig. depth
- EPILOG: 111, 114, 119, 124, 131 cm orig. depth

References for faunal analysis:

- Pflaumann et al., *Paleoceanography*, in prep.

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