Update of age models published in Waelbroeck, C., et al. (2019), Consistently dated Atlantic sediment cores over the last 40 thousand years, Scientific Data, 6(1), 165, doi:10.1038/s41597-019-0173-8.

- Calibration of radiocarbon dates with IntCal20.

PS2644-5: in order to extend the age model to younger ages than the period > 29 ka dated by alignment of magnetic susc to NGRIP, radiocarbon dates are used back to 25 ka, with a surface reservoir age of 1200 ± 800 y between 11.5 and 25 ka.
ENAM93-21: addition of an alignment tie point at the beginning of HS1 based on the cooling seen in the %Np record.

- MD99-2284: the revised age model accounts for tephra horizons and new "TPin" pointers from Berben et al., QSR 2020 (Table 4).

- SO82-5-2: tie pt at 14.7 ka suppressed because not sufficiently well defined.

- NA87-22: revised tie points before 34 ka obtained by alignment of %Nps to NGRIP guided by reasonable reservoir ages.

- MD95-2002: radiocarbon dates used back to 18 ka, with a \pm 500 y uncertainty for the surface reservoir age between 11.5 and 18 ka.

- SU90-08: the end of HS4 is now aligned with the larger SST increase.

- MD99-2331: revised tie points around 25 ka, guided by reasonable reservoir ages.

- MD03-2698: revised tie points accounting for increased resolution of the G. bulloides d18O record.

- MD95-2037: tie point at the end of HS4 suppressed because based on Uk37 SST (overseen in the first release).

- MD04-2805Q: addition of 1 alignment tie point at the end of HS1 based on the SST increase. NB: this age model is published in Penaud et al., Paleoceanography and Paleoclimatology, 37(2), e2021PA004316, 2022.

- KNR31-GPC5: 1 radiocarbon date around HS4 with very large error has been discarded.

- MD09-3246: additional AMS dates taken into account, transferred from core GS07-150-17 (Freeman et al., EPSL 424: 237-244, 2015) by alignment of MD09-3246 to GS07-150-17 via their XRF Ti/Ca signals.

- MD08-3167: radiocarbon age at 276 cm discarded (considered as an outlier based on a comparison with core GeoB1711 at the same site).