

Contents

Preface	vii
DRISCOLL, N. W., HOGG, J. R., CHRISTIE-BLICK, N. & KARNER, G. D. Extensional tectonics in the Jeanne d'Arc Basin, offshore Newfoundland: Implications for the timing of break-up between Grand Banks and Iberia	1
SINCLAIR, I. K. Sequence stratigraphic response to Aptian–Albian rifting in conjugate margin basins: a comparison of the Jeanne d'Arc Basin, offshore Newfoundland, and the Porcupine Basin, offshore Ireland	29
EBDON, C. C., GRANGER, P. G., JOHNSON, H. & EVANS, A. M. Early Tertiary evolution and sequence stratigraphy of the Faeroe–Shetland Basin: implications for hydrocarbon prospectivity	51
BOILLOT, G., BESLIER, M. O., KRAWCZYK, C. M., RAPPIN, D. & RESTON, T. J. The formation of passive margins: constraints from the crustal structure and segmentation of the deep Galicia margin, Spain	71
RESTON, T. J., KRAWCZYK, C. M. & HOFFMANN, H.-J. Detachment tectonics during Atlantic rifting: analysis and interpretation of the S reflection, the west Galicia margin	93
KIORBOE, L. & PETERSEN, S. A. Seismic investigation of the Faeroe basalts and their substratum	111
VANNESTE, K., HENRIET, J.-P., POSEWANG, J. & THEILEN, F. Seismic stratigraphy of the Bill Bailey and Lousy Bank area: implications for subsidence history	125
ANDERSEN, M. S. & BOLDREEL, L. O. Effect of Eocene–Miocene compression structures on bottom-water currents in the Faeroe–Rockall area	141
BOLDREEL, L. O. & ANDERSEN, M. S. The relationship between the distribution of Tertiary sediments, tectonic processes and deep-water circulation around the Faeroe Islands	145
STOKER, M. S. The influence of glacial sedimentation on slope-apron development on the continental margin off Northwest Britain	159
WAAGSTEIN, R. & HEILMANN-CLAUSEN, C. Petrography and biostratigraphy of Palaeogene volcanoclastic sediments dredged from the Faeroes shelf	179
JONES, E. J. W., CANDE, S. C. & SPATHOPOULOS, F. Evolution of a major oceanographic pathway: the equatorial Atlantic	199
ANDERSEN, M. S. & BOLDREEL, L. O. Tertiary compression structures in the Faeroe–Rockall area	215
HASLETT, S. K. Plio-Pleistocene radiolarian biostratigraphy and palaeoceanography of the North Atlantic	217
HUNT, J. B., FANNIN, N. G. T., HILL, P. G. & PEACOCK, J. D. The tephrochronology and radiocarbon dating of North Atlantic, late Quaternary sediments: an example from the St Kilda Basin	227
THOMSON, K. & HILLIS, R. R. Tertiary structuration and erosion of the Inner Moray Firth	249
WOLD, C. N. Palaeobathymetric reconstruction on a gridded database: the northern North Atlantic and southern Greenland–Iceland–Norwegian Sea	271
Index	303