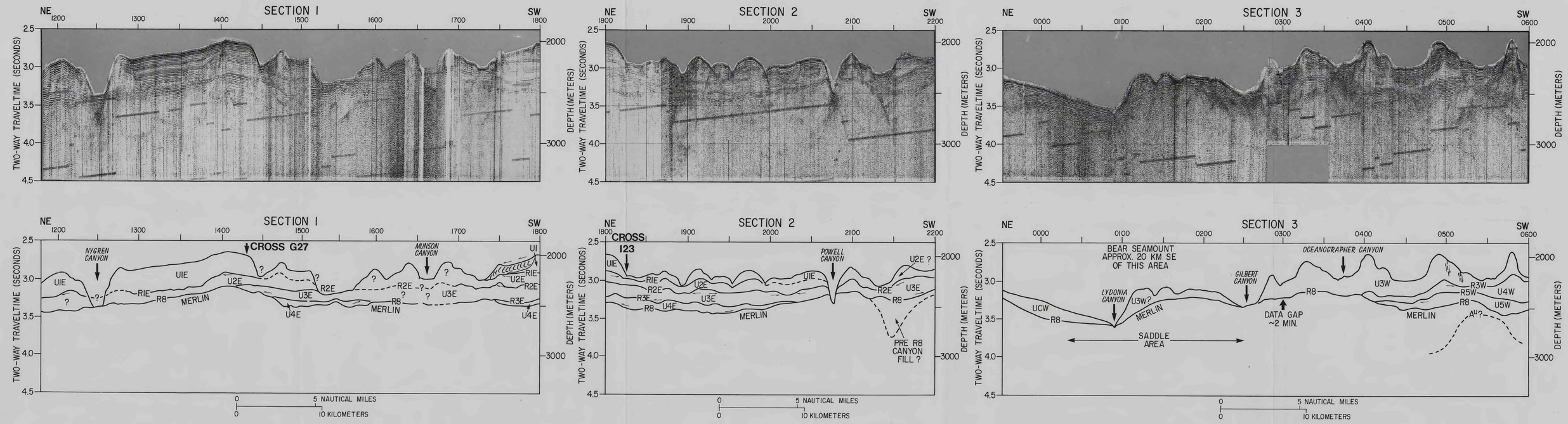

SINGLE-CHANNEL SEISMIC SECTIONS FROM RV *JAMES M. GILLIS*, LINE 25

HIGH-RESOLUTION SEISMIC STRATIGRAPHY OF THE UPPER CONTINENTAL RISE SEAWARD OF GEORGES BANK

By
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EXPLANATION

Original and associated interpreted seismic sections for the upper rise area seaward of Georges Bank. Seismic reflectors R1W, R2W, and so on, correspond to mapped reflectors presented on structure-contour maps (sheets 3, 7, 10, 11). R8 is a middle to late Miocene(?) erosional surface equivalent to Schlee and others' (1985) youngest mapped seismic reflector of approximately late Miocene age. R8 is also equivalent to Poag and Mountain's (1987) surface separating middle and upper Miocene units on the upper rise off New Jersey, a surface they describe as being equivalent to the deep-water seismic reflector Merlin (Mountain and Tucholke, 1985). The upper-rise deep-water horizon A^U, as mapped by Schlee and others (1985), is apparent in seismic sections 3 and 4. U1W, U2W, and so on, correspond to mapped seismic facies units presented on isopach maps (sheets 5, 8, 11). The mass-movement deposit on section 6 corresponds to a large deposit first surveyed by Uchupi (1967).

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