



Natural Resource Series

## LEGEND

### REGIONAL SEABED MORPHOLOGY

#### BASED ON ECHOGRAMS

(from CHS map 830-M Monahan and McNab,  
GSC Paper 74-30, 1974)

- Smooth and usually featureless. Iceberg scour population #1 zone.
- Flat. Irregularities have an amplitude less than 1m
- Angular and blocky, with deep, wide incisions. Individual features not shown.
- Numerous small hyperbolic reflectors interspersed with depressions. Individual features not shown. Iceberg scour population #2 zone.
- Smooth and usually featureless.
- Contains numerous large features: undulations, peaks, valleys, steps and hyperbolic reflectors.
- Rough. Cannot be differentiated.
- Break in Slope
- Break in Slope
- Step
- Notch
- Peak
- Bump

- Ship's Track
- isobath (m)
- interpolated isobath

Bathymetry based on CHS map 830-M

SCALE (km.)  
0 12.5 25

Atlantic Geoscience Centre  
Geological Survey of Canada

## NORTHERN FLEMISH PASS ECHOGRAM & SIDESCAN INTERPRETATION OF SEABED MORPHOLOGY

Enclosure: Date: Jan/88 Project:

Scale: 250 000 Geologist: D.J.W. Piper

Projection: Transverse Mercator CM 47W

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## LEGEND

### SIDESCAN SONAR INTERPRETATION (from Pereira et al, GSC open file report #1161, 1985)

- Zone of low ridges
- Zone of sediment mounds
- Iceberg scour population #2  
(length 100-1000m; width 50-90m; relief < 3m  
associated with numerous pits and craters)
- Zone of rough lower slope topography
- Iceberg scour population #1  
(length 75-700m; width 25-40m; relief < 2m  
higher scour density than population #2)
- Sidescan sonar swath and  
centre line track
- Scarp