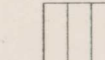
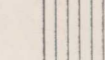


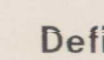
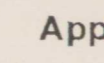


**Legend**

DISTRIBUTION AND DENSITY OF ANCHOR MARKS (INCLUDES: ANCHOR DRAG MARKS, ANCHOR PITS, AND ANCHOR CHAIN MARKS)

-  No anchor marks present
-  Low density (approx. < 5 %)
-  Medium density (approx. 6 to 25 %)
-  High density (approx. > 25%)

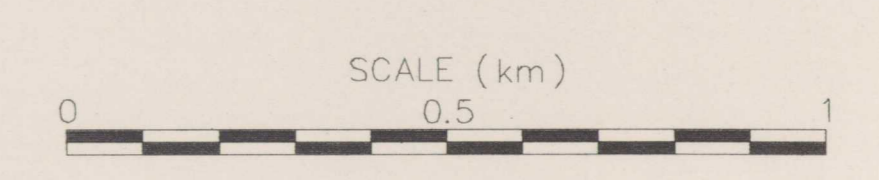
Distribution and density of anchor marks interpreted from high-resolution sidescan sonograms (100 and 500 kHz).


-  Defined
-  Approximate

Anchor marks are linear to curvilinear depressions on the seabed often with flanking berms formed by the dragging of ships' anchors. They range in width to 5 m, in depth to 3 m, and in length to approximately 1 km. Anchor pit marks are isolated depressions formed by the impact of anchors on the seabed during initial anchoring. Anchor chain marks are feather-shaped, splayed depressions, resulting from the periodic touching-down on the seabed of anchor chains in response to tides, waves, and winds.

Bathymetry (m) — 20 —

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	<b>GEOLOGICAL SURVEY OF CANADA</b>	<b>ATLANTIC GEOSCIENCE CENTRE DARTMOUTH, N.S.</b>
	<b>DISTRIBUTION AND DENSITY OF ANCHOR MARKS INNER HALIFAX HARBOUR</b>	

DATE: AUG. 1993    GEOLOGIST: G.B.J. FADER, R.D. MILLER, S. PECORE  
 PROJECTION: MERCATOR 44 37' 42"    SCALE: 1 : 10,000  
 ENCLOSURE: 30    DRAWN BY: S.P.    GSC PROJECT NO. 890045

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