

Mercator projection
Geodetic Reference System 1980; North American Datum 1983
Longitude of certical meridian 70°19°W, Latitude of true scale 41°39°N.
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## Introductio

The Stilleugen Back Stizened Maries Sanchury Mapping Payles is a cooperative of the U.S. Guillough Story and the National Counter and enforcement of the Counter of the U.S. Guillough Story and the National Counter and enforcement (Hydrographic Service. The multibase such a sounder survey uses conducted on few particles over a two-particle of the National Counter of National C

## Regional seabed features

The major propagative futures depicted in the major series were formed by glocial concesses. We have disrupt the major series were formed by glocial proposes, which was the major series and proposed proposes. The propose of the major series was the proposed proposed to the proposed proposed

## Quadrangle 13 features

The northeastern quarter of this quad single is occupied by the southern end of a large bank (Jeffreys Ledge) that cetends northeastward through (quadragle) IT (Ideatines and others, 201a). The bank is art award explore of 40 to 50 m, and its surface is mainly growt that includes boulder piles and didges. Norther of 42 \*20 Nt, a long, rounded right batts liste than 5 m high and that it is cuffined by the 40-meter large. If the control is the control is the control of the contr edge of the quadworph. Scoth of this ridge, several other smaller ridges also travels and confidenment design behavior. We have a first of the properties of

Outcope of bedock are the dominant feature in the northwestern part of the quadrangle. They are extensions of roles apposed on the nearly lands and coats. The large basis in the northern part of the quadrangle is bounded by these bedock concept and by the basis to the seat. The basis from designs resourced and ranges in depth from 35 m to 85 m. It is relatedly smooth and is covered with must, except where careful must be present along its margine near the bedock cutorops and the basis. Several must defined his on the basis floor (42 \*300 \*N, 70\* 31.4 \*W) consist of several acres of the several must be several acres of the several must be several

South of appreciationly of  $^{2}$  77  $^{1}$  8 and west of  $^{2}$  92  $^{2}$  92 w. the quadratic particle polision of another basis that is a sign of 46 to 75 are and that are constructed by which are found that are the size of 46 to 75 are and that are the construction of  $^{2}$  10  $^{$ 

A strongest bank is present (42 \* TaS \* Tu, 20 \* TaS \* Tu) in the scothaesters part of the quadruple, its sufficient control of rounded bow the quadruple and the production of the control of rounded bow the dependence and orall valley. The gas will his set contend in part with a time version of the part o

is several parased the quadrangie, the smooth made subside interrupted by shallow depression for example, of "34.9" No, "70" 306." Wil, 42" 35.2" No, "32.2" Wil, and 42" 35.6.8" No, "70" 32.55" Will. The depressions are inequilar in contine and up to coveral hundreds of mattern in length, and costno of them surround confirmations. As the contine of the state of the s

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Location map outlining the 18 quadrangles in this series. Quadrangle 1 shown in blue. Boundary of Stellwagen Bank National Marine Sanctuar

# SUN-ILLUMINATED SEA FLOOR TOPOGRAPHY OF QUADRANGLE 13 IN THE STELLWAGEN BANK NATIONAL MARINE SANCTUARY OFF BOSTON, MASSACHUSETTS