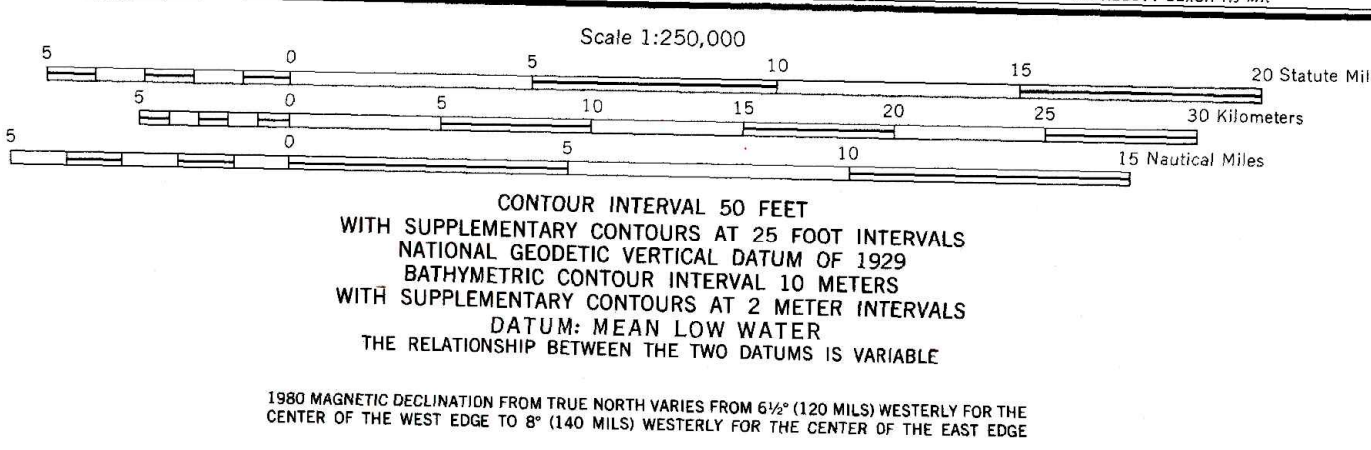
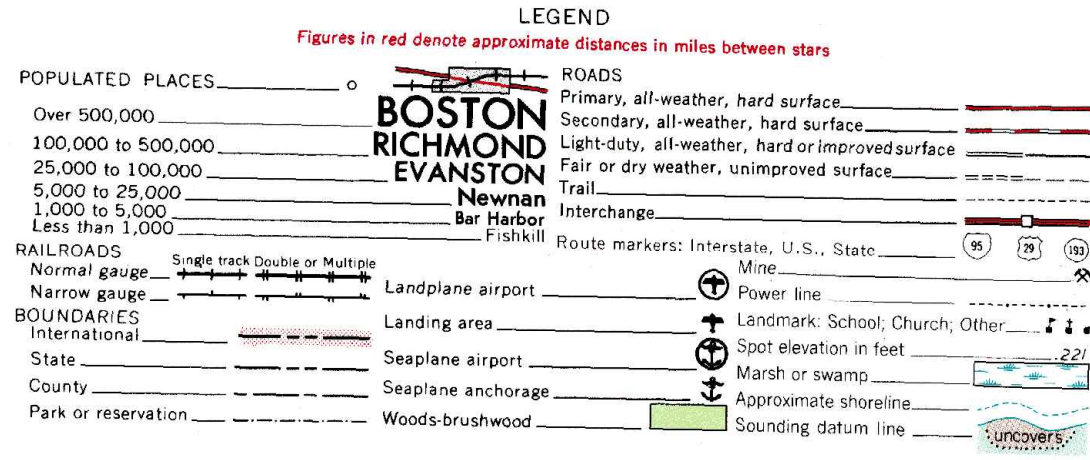




PRODUCED BY THE U. S. GEOLOGICAL SURVEY AND THE NATIONAL OCEAN SERVICE.
Base map prepared by Defense Mapping Agency by photogrammetric methods and from 1:24,000-scale maps dated 1947-1950. Field checked 1953. Revised by the U. S. Geological Survey from aerial photographs taken 1976 and other source data. Revised information not field checked. Map edited 1980.
Bathymetry compiled by the National Ocean Service from tide-coordinated hydrographic surveys. Bathymetric survey data comply with International Hydrographic Organization (IHO) Special Publication 44 accuracy standards and/or standards used at the date of the survey. This information is not intended for navigational purposes.
Offshore protection survey data, shown in red, compiled by the Bureau of Land Management. Heavy lines indicate limits of BLM Outer Continental Shelf Official Protection Diagrams, dated Oct. 31, 1974. The protection on this map are not for Federal leasing purposes, for such purposes, refer to the OCS Official Protection Diagrams available from the Bureau



NATIONAL OCEAN SERVICE HYDROGRAPHIC SURVEY INFORMATION			
SURVEY NUMBER	SURVEY DATE	SURVEY SCALE	SURVEY LINE SPACING (NAUT. MILES)
H-9050	1969	1:80,000	10-40
NOS CHART 11548 JULY 25, 1970 1:80,000			
NOS CHART 11550 SEPTEMBER 18, 1970 1:40,000			
NOS CHART 11552 JANUARY 16, 1971 1:40,000			
NOS CHART 11553 DECEMBER 12, 1970 1:40,000			
NOS CHART 11554 SEPTEMBER 6, 1970 1:40,000			
NOS CHART 12205 JANUARY 16, 1971 1:80,000			

NATIONAL OCEAN SERVICE
HYDROGRAPHIC SURVEY INDEX

GRID ZONE DESIGNATION			
18S			
100 000 M. SQUARE IDENTIFICATION			
TQ	UQ	VQ	UP
TP	UP	VP	VP
30	40	50	60
TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS			
1. Read letters identifying 100,000 meter square in which the point lies			
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure			
3. Estimate points from grid line to point			
4. Read second VERTICAL grid line to RIGHT of point and read LARGE figure			
5. Estimate points from grid line to point			
6. Combine first and second figures to give 100 meter square identification			
7. If reporting beyond 10° in any direction, prefix grid zone designation, as			
example: 18S9000			
UP189			
18S9000			

FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

NATIONAL OCEAN SERVICE
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INDEX TO ADJOINING SHEETS