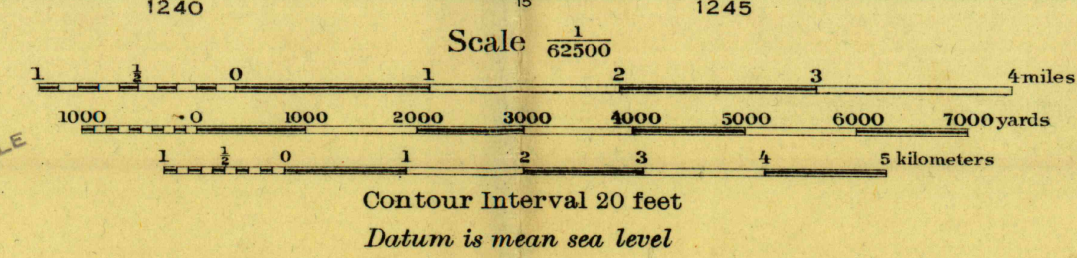




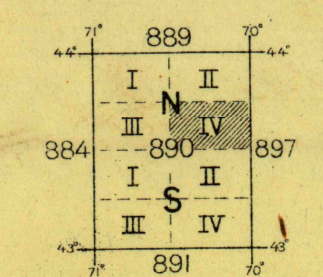
Base map from U. S. G. S. engravings.  
Corrections and additions under the direction of  
Col. F. R. Shunk, Corps of Engineers, U. S. A.,  
Department Engineer, Northeastern Department, Nov. 1918.  
Field work and compilation under the direction of  
Col. W. M. Black, Corps of Engineers, U. S. A.,  
Department Engineer, Eastern Department, 1910-1912.  
Field work by Lieut. K. B. Lemmon, C. A. C.,  
Lieut. F. Batcock, C. A. C.,  
Compiled in the office of District Engineer,  
Portland District, 1917-1918.  
Soundings expressed in feet and referred to mean low  
water are from U. S. C. & G. S. Charts, Nos. 1204 and 1205.

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