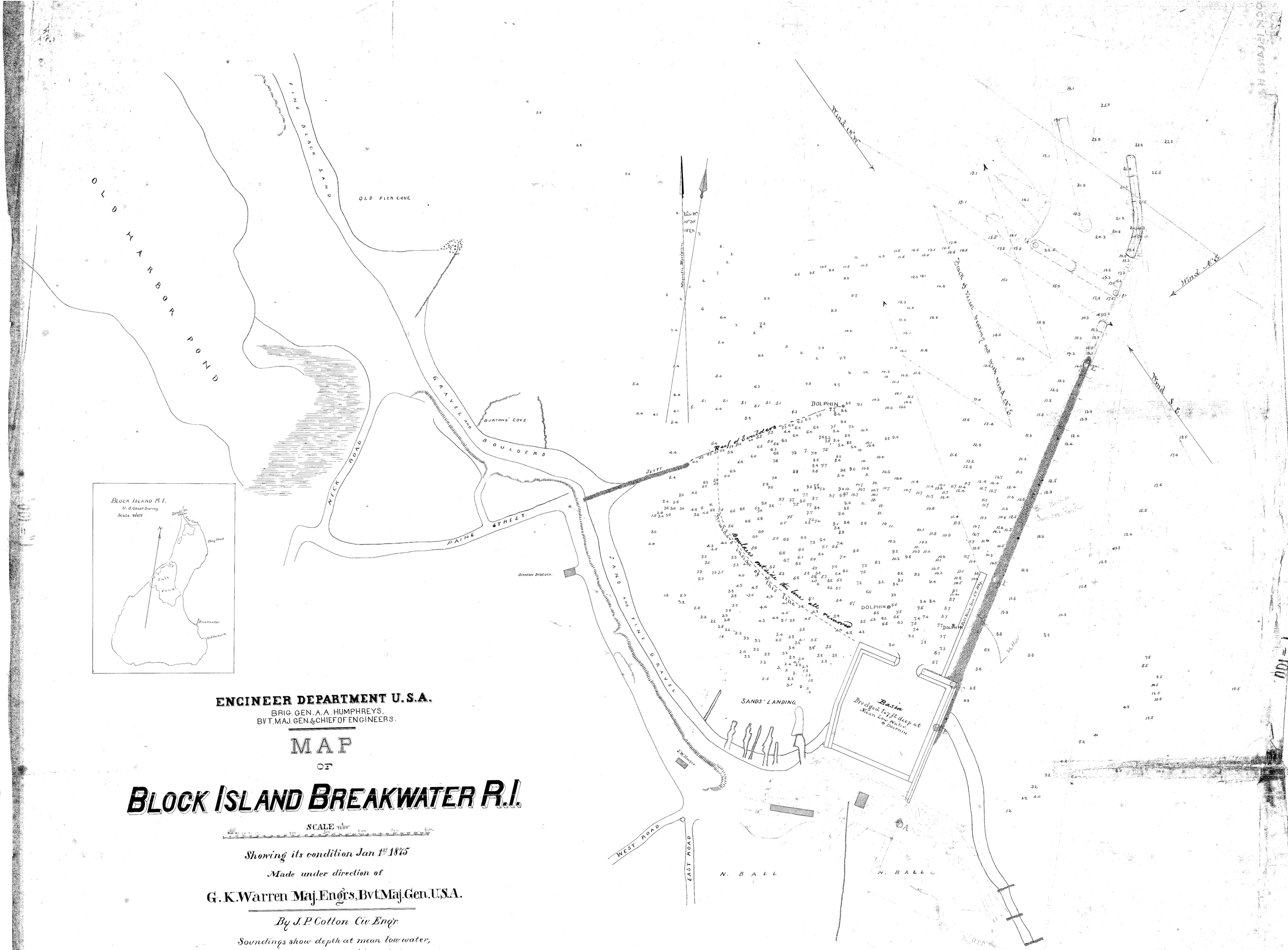


ENGINEER DEPARTMENT U.S.A.

BRIG. GEN. A.A. HUMPHREYS.
BVT. MAJ. GEN. & CHIEF OF ENGINEERS.

MAP
OF
BLOCK ISLAND BREAKWATER R.I.

SCALE $\frac{1}{1200}$

Showing its condition Jan 1st 1875

Made under direction of

G. K. Warren Maj. Engrs, Bvt. Maj. Gen. U.S.A.

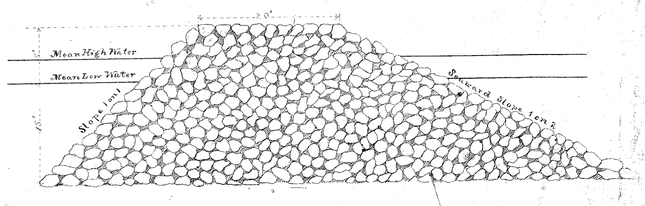
By J. P. Cotton Civ. Engr.

Soundings show depth at mean low water, and were all located by triangulation.

Mean rise and fall of tide	3.05
Rise of highest tide observed above mean low water	5.95
Fall of lowest " " below " " "	1.90
Mean duration of flood	6h 28 m
" " " ebb	5h 55½ "
" " " stand	10 "

Mean low water is 17.898 below B.M. near storehouse
B.M. is a square granite post, distant from N.W. corner of storehouse about forty feet, it is marked U.S.

Cross Section in 15 ft water
Scale 1"=10'



U.S. ENG'R. OFFICE,
B.I. 16/20
NEWPORT, R.I.

Block Island 1875
R.I.