SEAREX
SEA - AIR EXCHANGE PROGRAM

405435

Participating Institutions:
University of Rhode Island
University of Connecticut
California Institute of Technology
Woods Hole Oceanographic Institution
Scripps Institute of Oceanography
Texas A & M University
University of Miami
CFR/CNRS, France
Yale University

Sponsored by:
National Science Foundation
Office for the International Decade
of Ocean Exploration
Washington, D.C. 20550

October 2, 1978

Mr. Joe W. Merrill
Project Engineer
Department of Energy
Pacific Area Support Office
P.O. Box 29939
Honolulu, HI 96820

Dear Joe,

I am in receipt of your letter with enclosure dated 19 September 1978. You expressed concern with at least two items which I would like to answer here. Enclosed is a sketch of a typical tower section approximately 6 feet long, 4 feet wide and 6 feet high (Enclosure 1). The tower stairway is enclosed within the tower itself by 2" O.D. aluminum braces, vertically, horizontally, and diagonally. The tower top, as well as all outboard platforms, is surrounded by a guard rail of which the top rail is 42-1/4" high and the height of the middle rail is 22-5/8" (Enclosure 2). In addition, during the tower construction, personnel working on the tower itself will be wearing safety harnesses.

Secondly, we have purchased and sent to Enewetak an elaborate red flashing beacon which is to be placed on a mast on top of the tower where it will be in continual operation.

Your comment regarding "...continual helicopter operations..." has become a matter of concern here. A major portion of the SEAREX Program has been designed to determine the amounts of low level pollutants in the atmosphere at Enewetak which have been carried there from continental areas. Hence, it is important that our sampling apparratas does not contain any aircraft exhaust or other locally produced pollutants. Therefore, I would like to learn more regarding the helicopter operations (flight tracks, schedule, destinations, etc.) and I would greatly appreciate your obtaining this information on my behalf. A point of great interest would be determining whether these flights could be re-routed around Sand Island so as not to interfere with our sampling sector (30° ENE to 195° SSW).

Thank you for staying on top of our request for certain construction materials. I hope you were able to find much of what we need already on Enewetak. Also, I certainly would appreciate being brought up-to-date on costs to date. Only two minor invoices have been received here thus far.

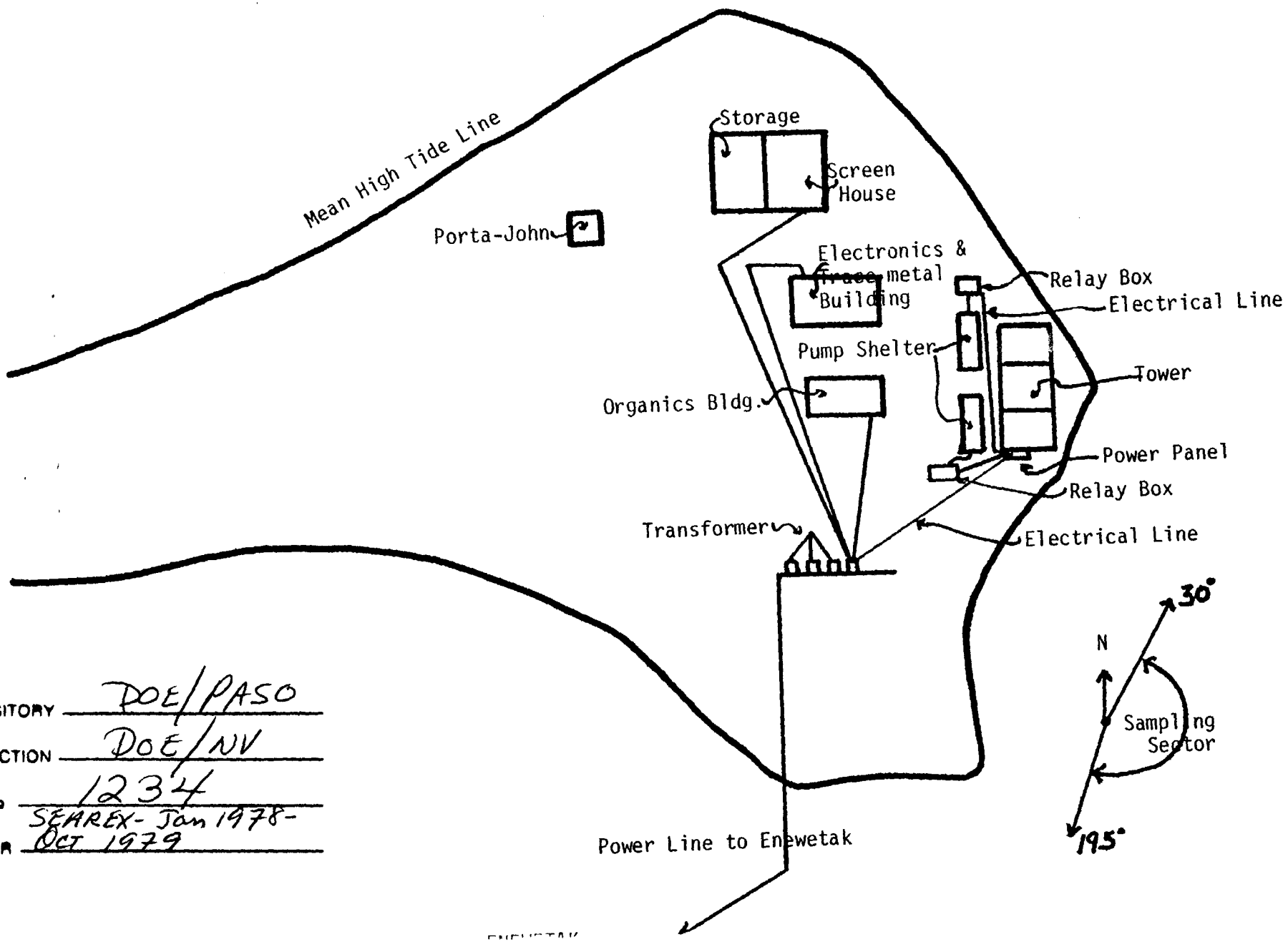
Best regards,

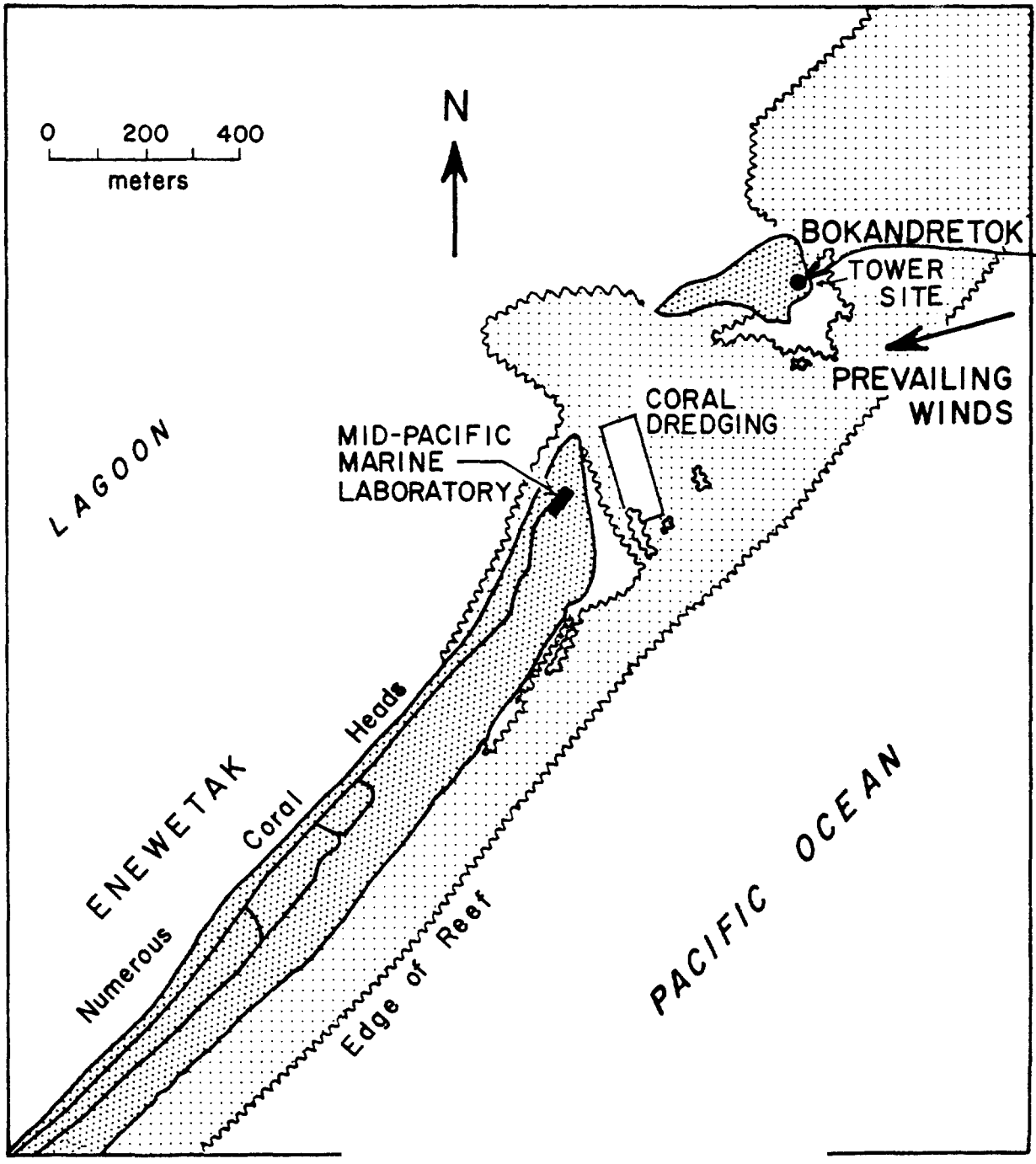
Roger J. Cayer, Jr.
SEAREX Coordinator

Coordinating Office: Graduate School of Oceanography, Box 3, University of Rhode Island, Kingston, Rhode Island 02881 (Phone 401-792-6256)

cc: Dr. R. Duce/Dr. E. Reese (W/encls)

FIGURE 1. Proposed Sampling Site - Sand Island



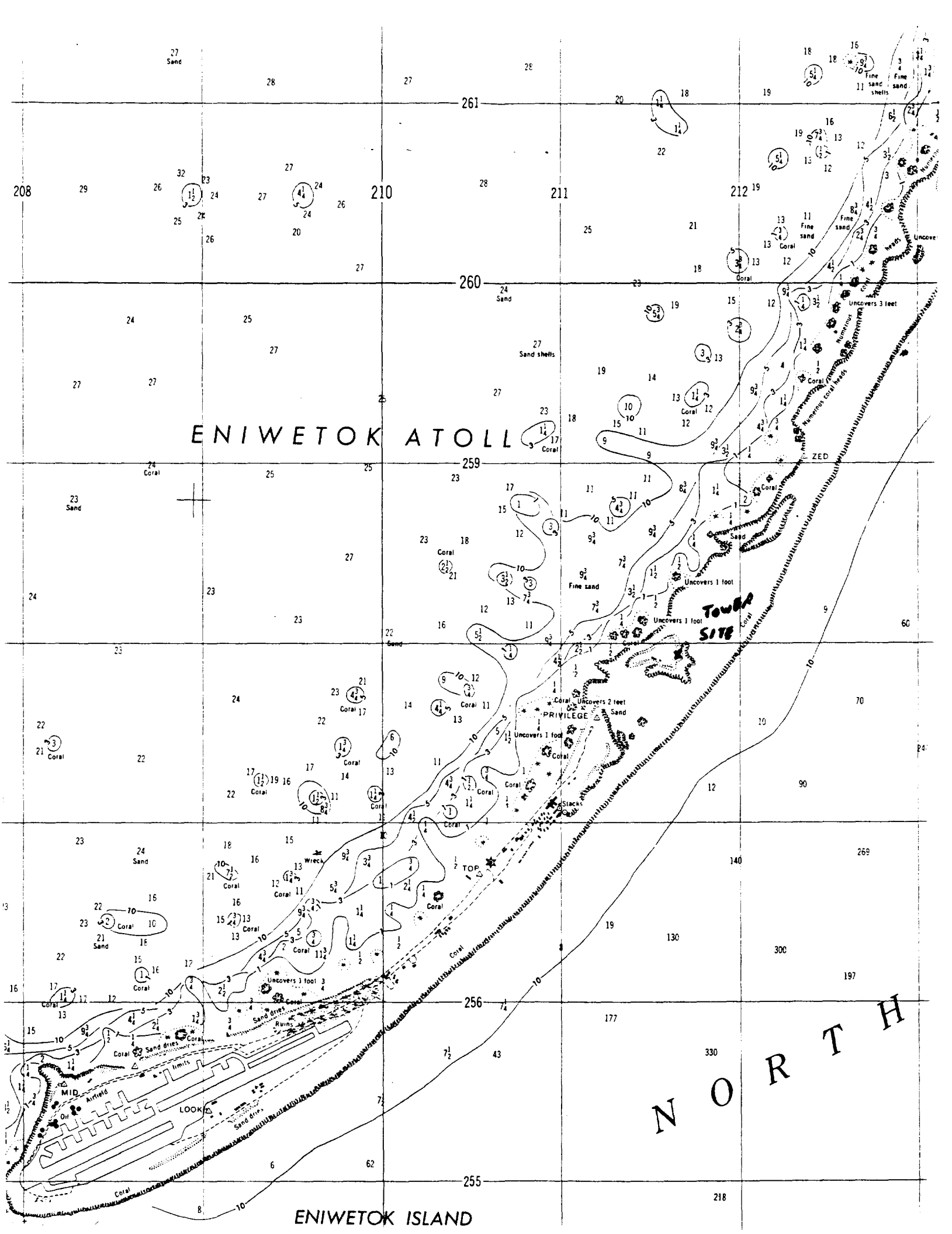


REPOSITORY DOE/PASO

COLLECTION DOE/NV

BOX No 1234

FOLDER SEAREX- Jan 1978- Oct 1979


ENIWETOK ATOLL
NORTH
ENIWETOK ISLAND
TOWER SITE
PRIVILEGE
ZED
TOP
MID
LOOK
Airfield
Ruins
Wreck
Stacks
Uncovers 1 foot
Uncovers 2 feet
Uncovers 3 feet
Numerous coral heads
Sand dries
Coral
Sand
Fine sand
Sand shells
Fine sand shells
208
210
211
212
261
260
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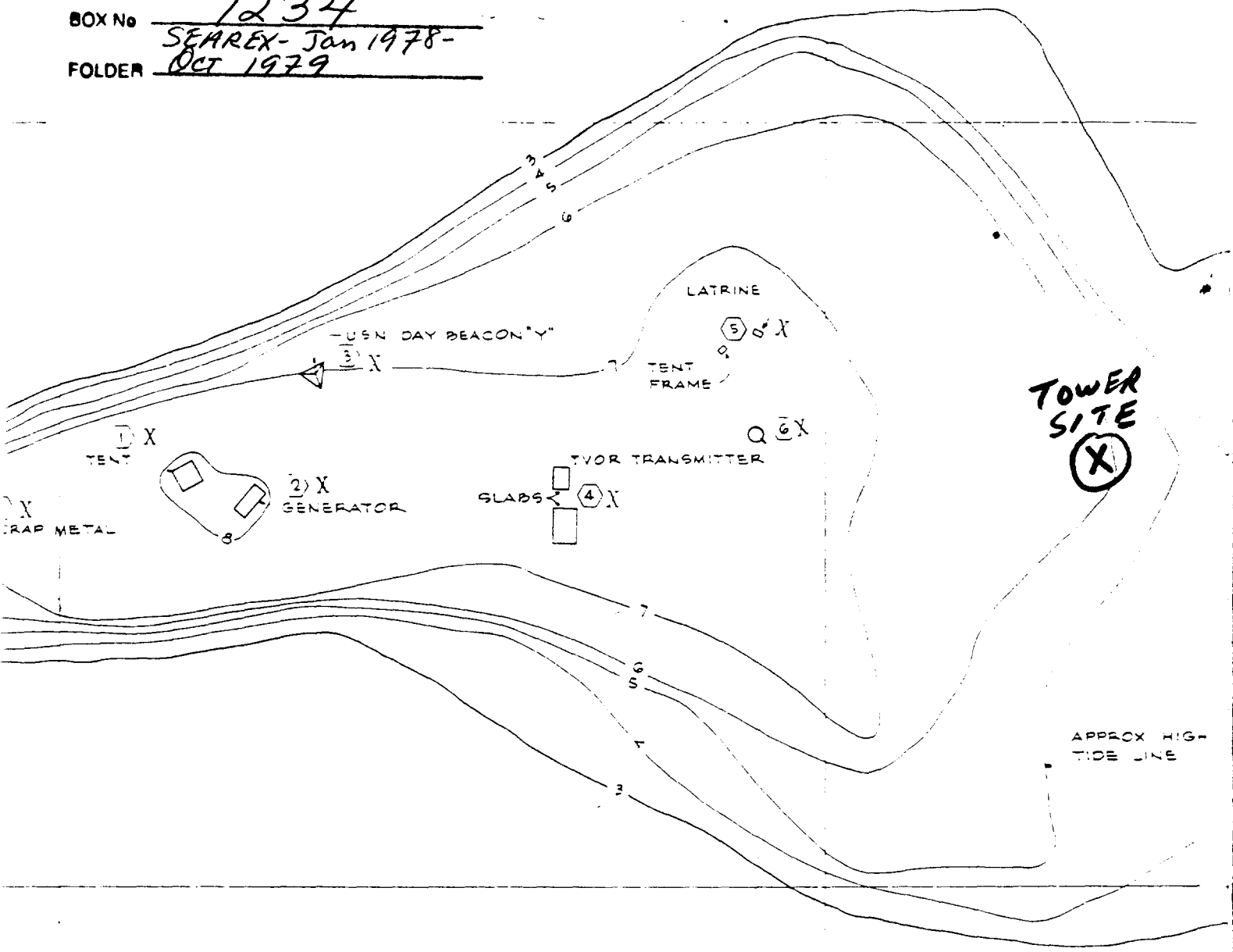

GENERAL NOTES

1. THIS DRAWING IS A REPRODUCTION OF A TOPOGRAPHIC MAP PREPARED BY HOLMES & NARVER, INC. IN 1956, FOR THE U.S. ATOMIC ENERGY COMMISSION. ADDITIONS, DELETIONS AND REVISIONS HAVE BEEN MADE IN ACCORDANCE WITH THE DATA COLLECTED DURING THE DEFENSE NUCLEAR AGENCY CLEANUP SURVEY IN 1972.
2. HEXAGON (⬡) SYMBOLS ARE ON MISCELLANEOUS ITEMS SUCH AS SLABS, DEBRIS, ETC. THESE ARE DESCRIBED IN THE CLEANUP PLAN, VOLUME I, SECTION 3.2

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