

401133

AGENDA
DOE/MARSHALL ISL. STUDY
3/19/78 - 0800
DR. WEYZEN
DR. PRATT

5008710

AGENDA
BNL MARSHALL ISLANDS STUDY/DOE CONFERENCE
0800-MARCH 19, 1979

TOPIC:

1. Position Paper:

A. The people of Utirik who are now living on Majuro, but who had previously received a full physical examination while living on Utirik in accordance with the 1977 agreement between the Department of Energy and DOI/TT for extended primary care in the outer islands, were very disturbed that they were unable to have a full examination on Majuro.

B. The Medical Survey Group are repeatedly encountered with questions of "why can't we be reimbursed as the comparison group for our 'experimental participation'?"

C. According to Dr. Masao Korean and Ezra Riklon, the Marshall Island medical care system has no more referral monies for this fiscal year. We found a number of very pressing medical problems during the January-February 1979 survey that need referral as soon as possible (Rosa--endometrial carcinoma, etc.) Can DOE funds be used for these purposes or how are these patients to be adequately treated?

D. Since the precept of paying for surgery for some of the "comparison group" has already been established, how should we proceed with the 10 cases we have just identified?

E. PASO Honolulu informed me that we were "at least 30 k" over our current budget due to overexpenditures allocated to the ship and to the establishment of the clinical laboratory on Ebeye. We will attempt to reduce our costs; however, supplemental funding will probably be necessary to sustain the program through the remainder of the fiscal year.

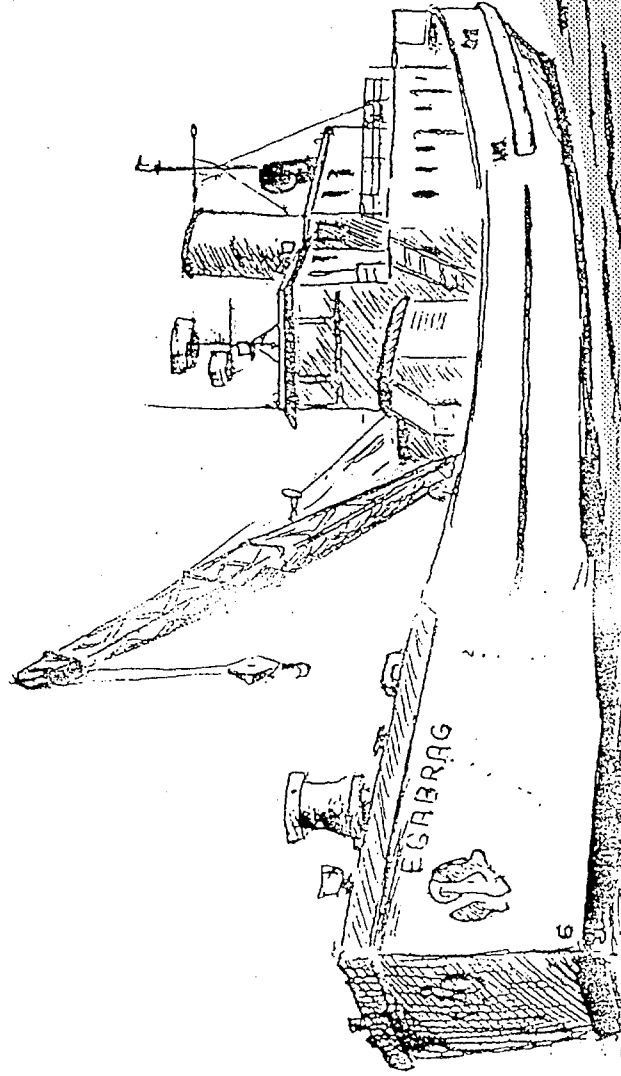
2. How shall we handle the people of Bikini? (Please see copies of answers given by Health Physics Group during whole body counting.)

3. U.S. Oceanography - What will be the future plans for the ship?(Please see 1979 trip report.) The September survey was tentatively scheduled for dental extractions, electrocardiograms, and ancillary studies such as a trace element study for the clarification of hyperglycemia, previously diagnosed as diabetes mellitus.

4. The role of the Resident Physician in relation to the options mentioned in the Position Paper.

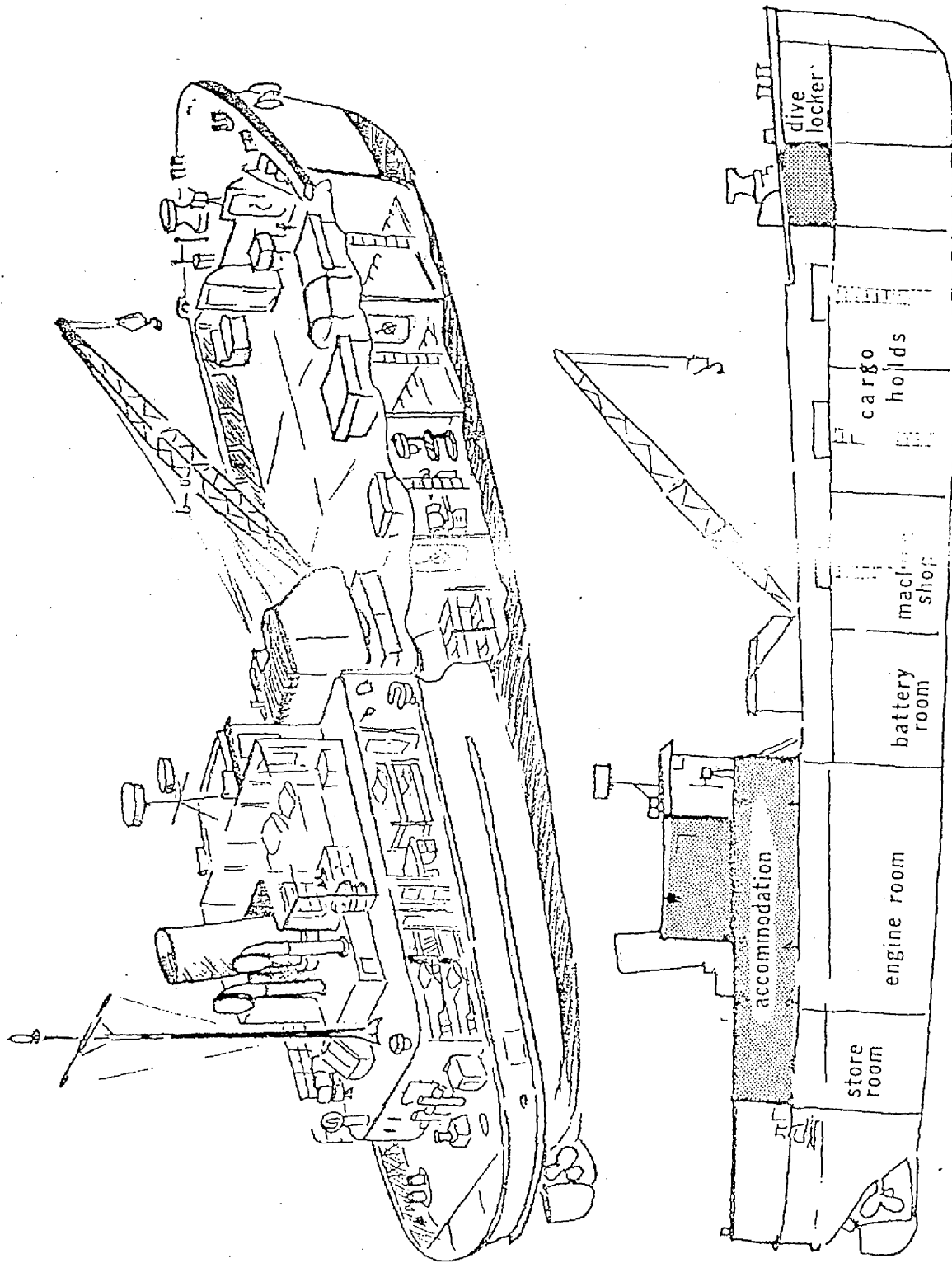
R/V EGABRAG

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U.S. OCEANOGRAPHY

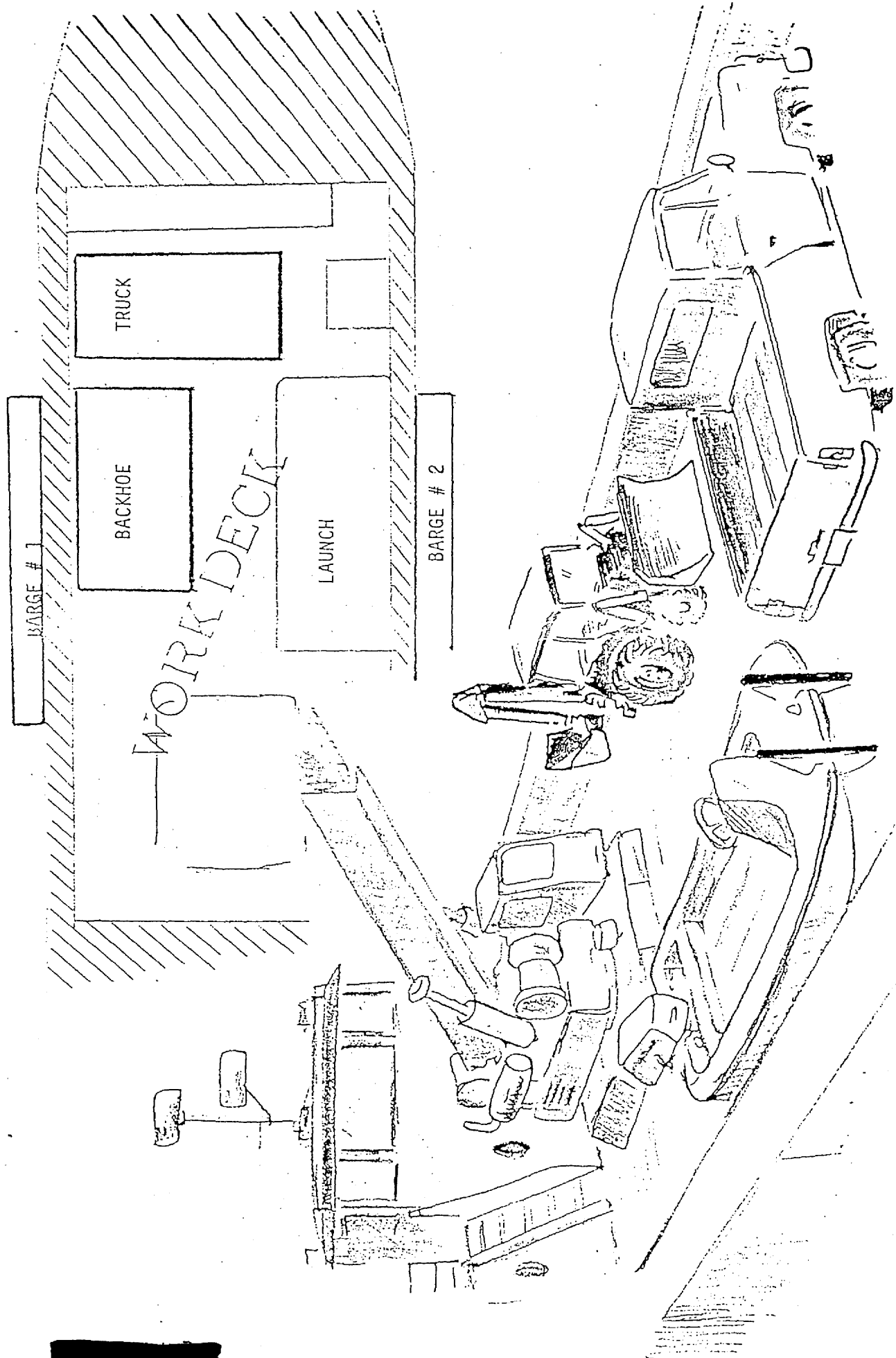
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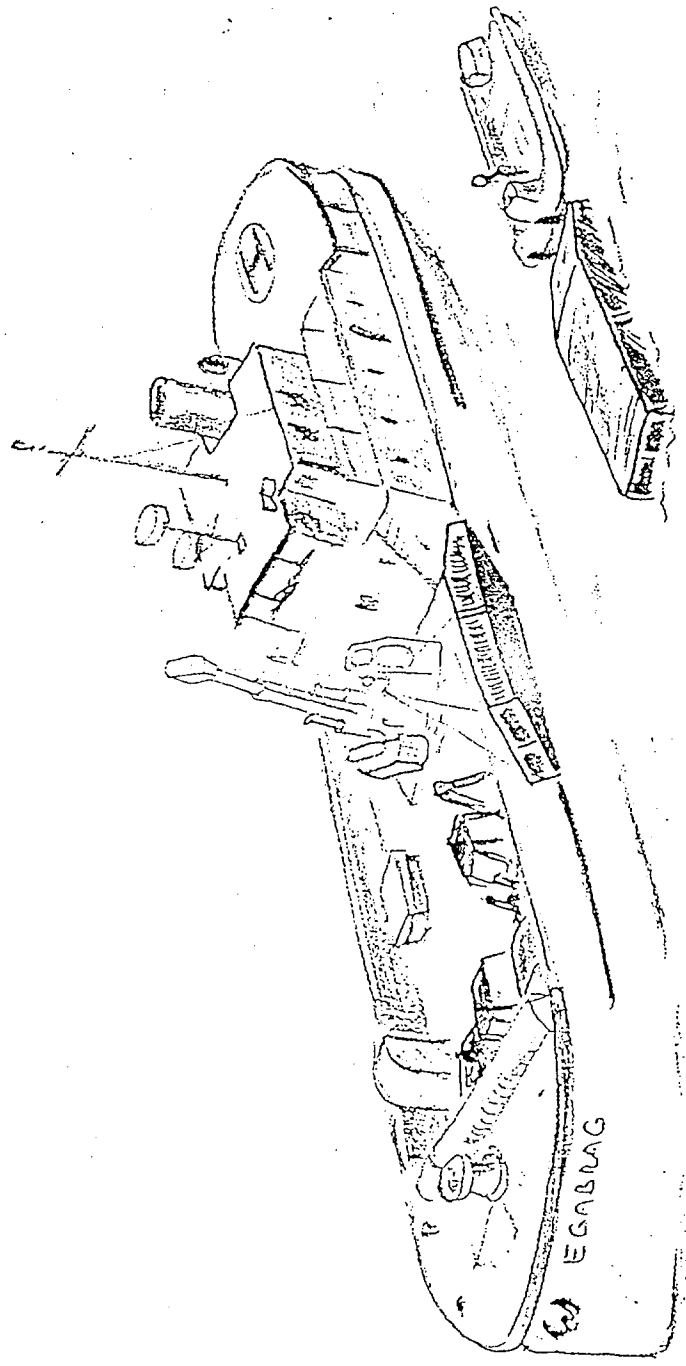
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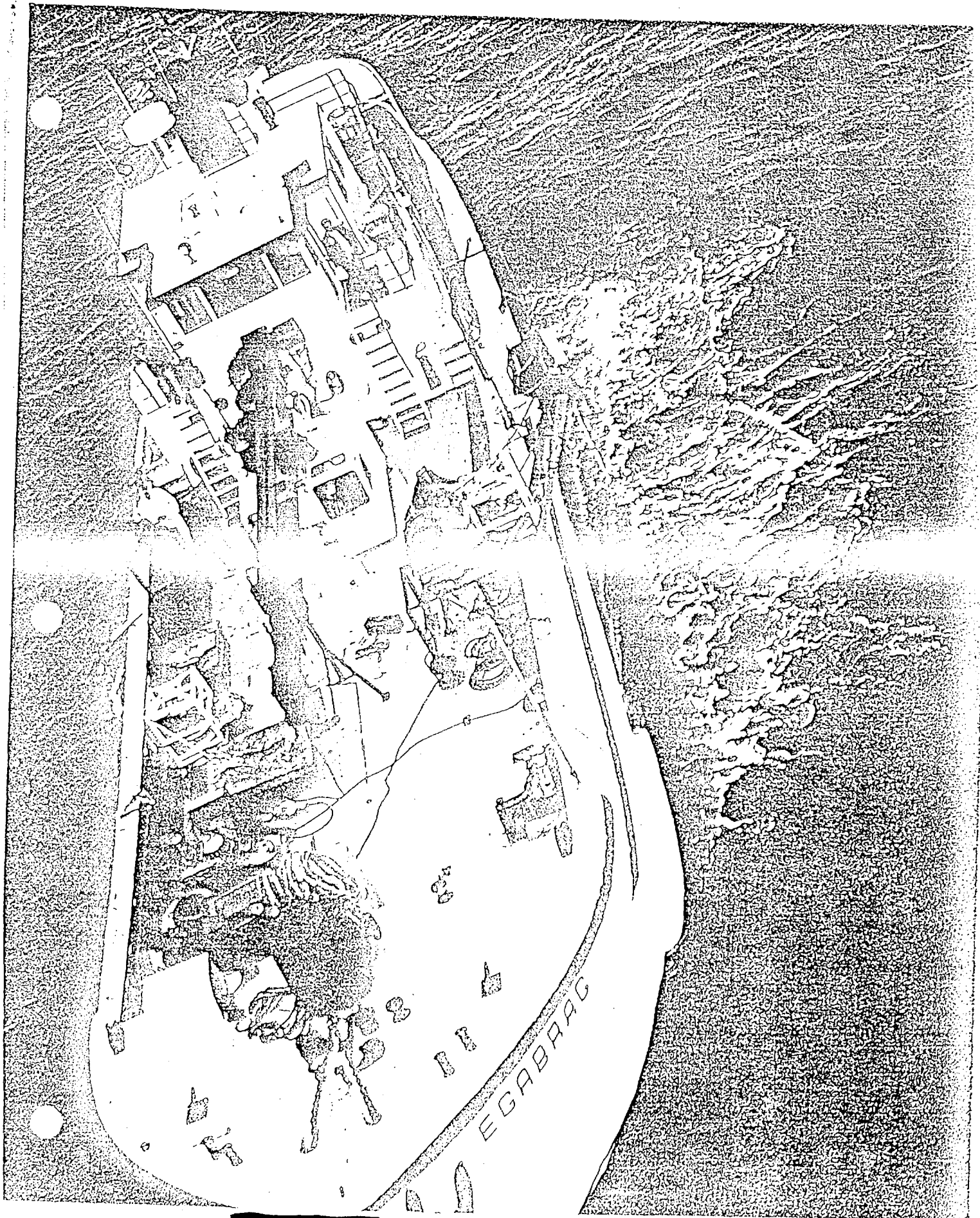
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Research vessel EGABRAG

Length — 118 feet
Beam — 28'
Draft — 8'
Range at 10 knots . . . 20,000 miles

ENGINE ROOM:

Main engine DMG--6 Enterprise
50 KW generator DC
15 KW generator DC
2 12 KW AC generators
3 KW AC generator
300 PSI pump

SMALL BOATS:

21' Boston whaler
12' Boston whaler

CREW ACCOMMODATIONS:

10 bunks, 4 cabins
3 heads with hot showers
in living quarters
1 head on work deck
galley and salon

ELECTRONICS:

High seas radio
2 radars
2 FM radios
2 CB radios
2 fathometers
Loran A
Loran C
Omega
Satellite navigation system

CARGO CAPACITY:

2 holds 28' x 16' x 8' (7,168 cu. ft.)
1,600 sq. ft. deck space
2 ton freezer

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Special purpose equipment

MACHINE SHOP:

South Bend lathe 13"

Drill press

Bench grinder

Measurements to 24"

Welder 500 AMP

Oxygen and acetylene tanks

*3000 PSI portable jet pump
with 600' hose*

PERSONNEL:

Marine biologist

Geologist

Seismic personnel

Electronics engineer

Mechanical engineer

Photographer

Divers

TOWING and MOORING:

1,000' towing howser

600' towing howser

3 1,000 pound anchors-Bowers stockless

500 feet of chain

750 pound Danforth anchors — 500' chain

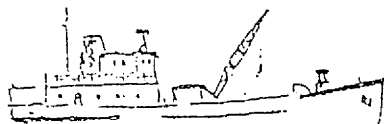
4 point mooring o wire

2000' anchoring on wire

LIFTING GEAR:

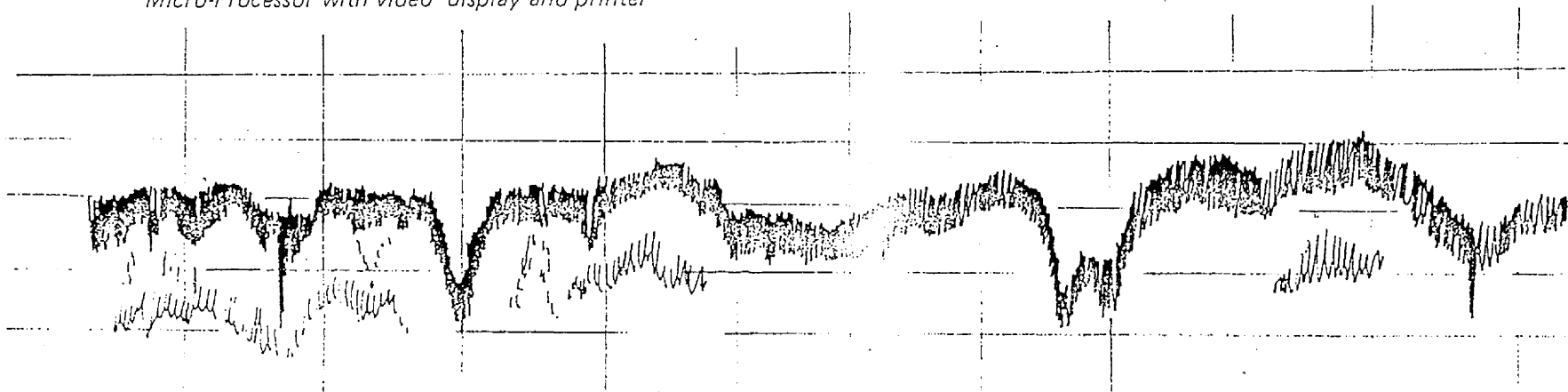
25 ton 14 way spreader 7 x 6'

25 ton 14' bar spreader




Oceanography equipment

- Sub-bottom profiling system, 19" recorder, 3, 5 KHz to 8 KHz*
- Precision Bathymetry system with 12 KHz transducer from 1 meter to 12.000 meters*
- Shallow water Bathymetry system 200 KHz*
- 1 Kilojoules Sparker system for moderate penetration with high resolution*
- 10 Kilojoules Sparker, generator and processing system*
- Boomer 3 kilojoules with receiving system and digital processor*
- Del Norte Signal processor with Hydrophone*
- Gravity corer*
- Box corer*
- Bottom Samplers*
- Pingers with positioning system 37 KHz*
- Current meter with recorder, digital processor*
- Timing and processing system with magnetic tape recorder*
- Digital printer*
- Underwater television system with video recorder*
- Biological instruments*
- Geo-Chemical Laboratory*
- Micro-Processor with video display and printer*



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Diving gear



Kirby Morgan KMB-10 diving systems with communication
HELLe Wire diver phones
Low pressure air compressors
2 3000 PSI High pressure air compressors
with Del-Monox purifiers
Dry and Wet diving suits
20 72 cu.ft. diving tanks

Underwater Chain Saw

35 500 pound lifting bags
1 2000 pound and 4 5 ton lifting bags

Underwater TV camera with 3/4" video cassette recorder
UW 35mm photography equipment

SPECIAL ACCOMMODATIONS

1 Compartment refitted as medical examination room - airconditioned

2 Compartment refitted for 12 men sleeping - airconditioned

2 - 6x24' Barges . Purpose: Lightering and Personnel causeway

Install barge racks on ship hull

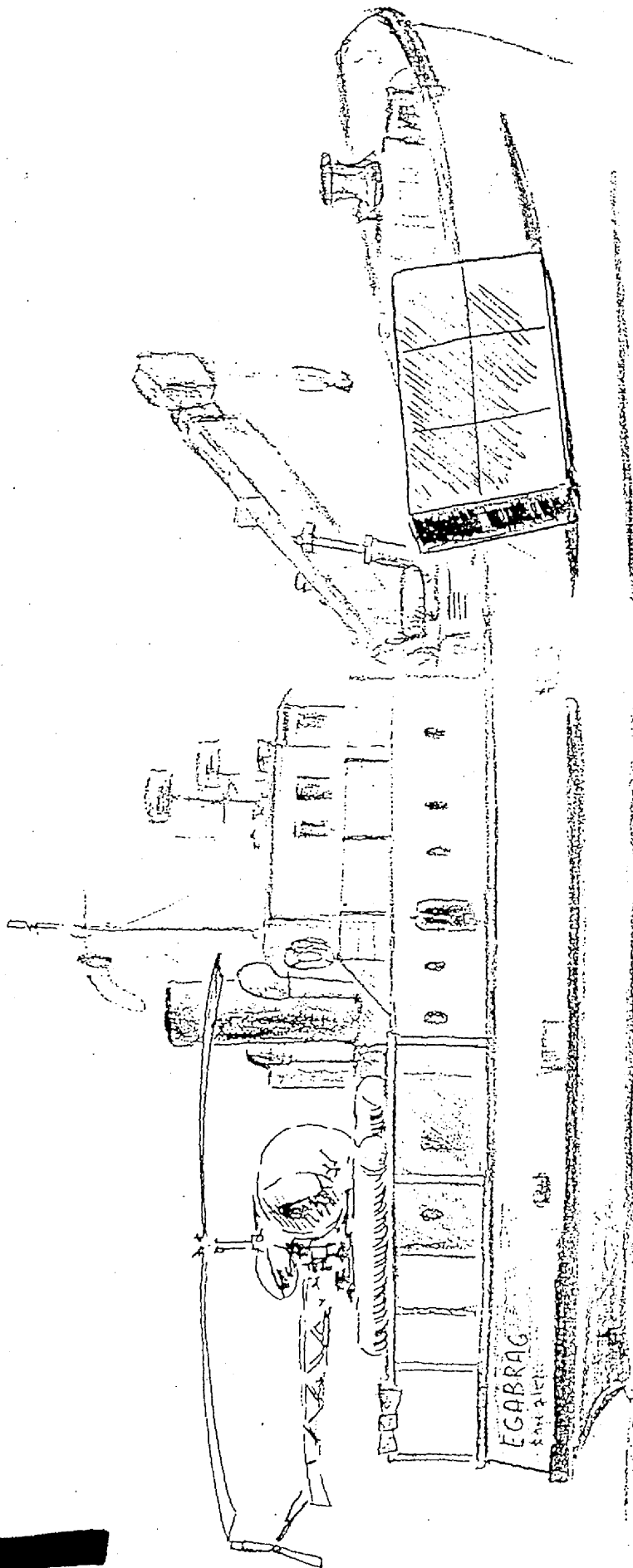
21' Boston Whaler fitted with push knees and twin 100 HP engines
to be used in lightening and personnel transfer.

Install necessary inflatable life rafts.

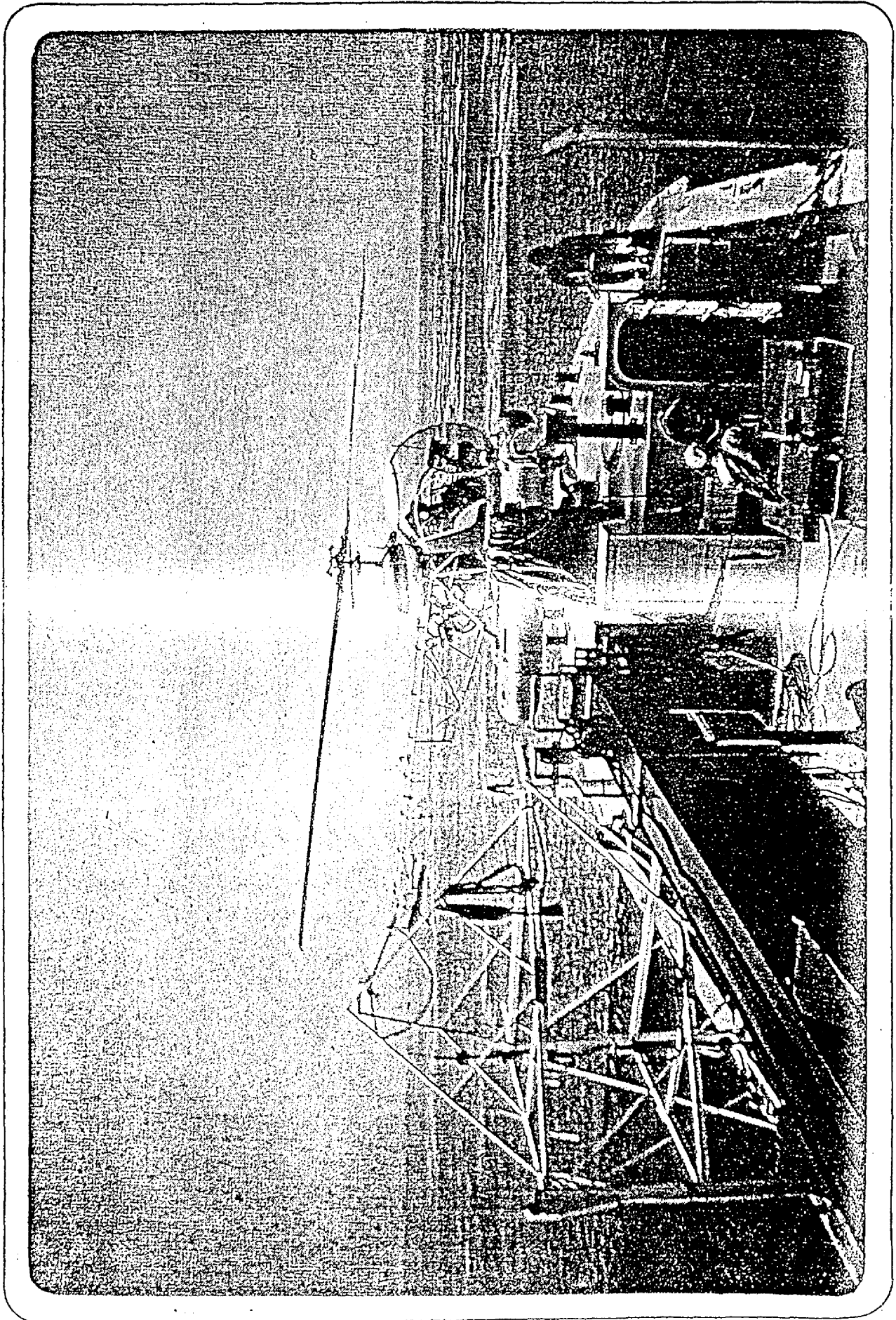
Remove 50 KW DC generator(port side,engine room) and install necessary
generator for the project.

Install helicopter, heli-port, special fuel tank.

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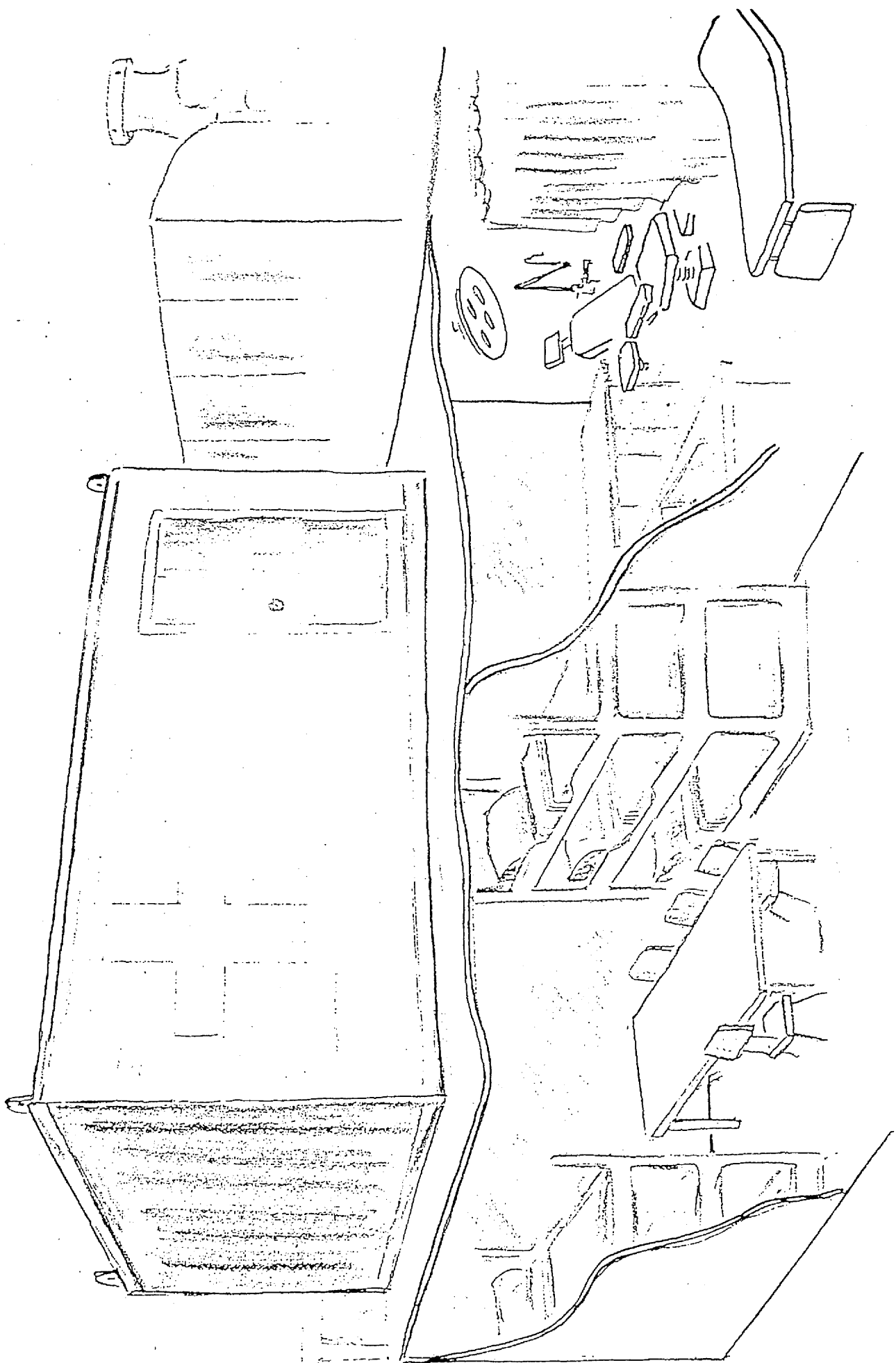


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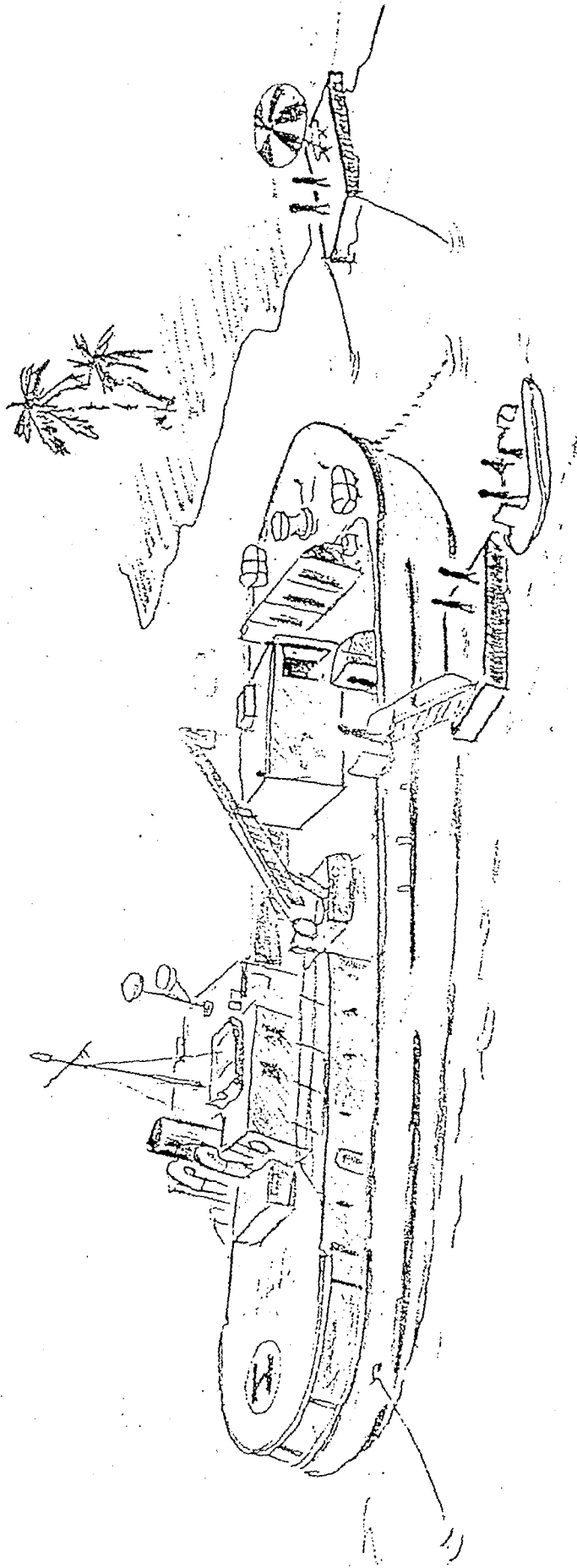


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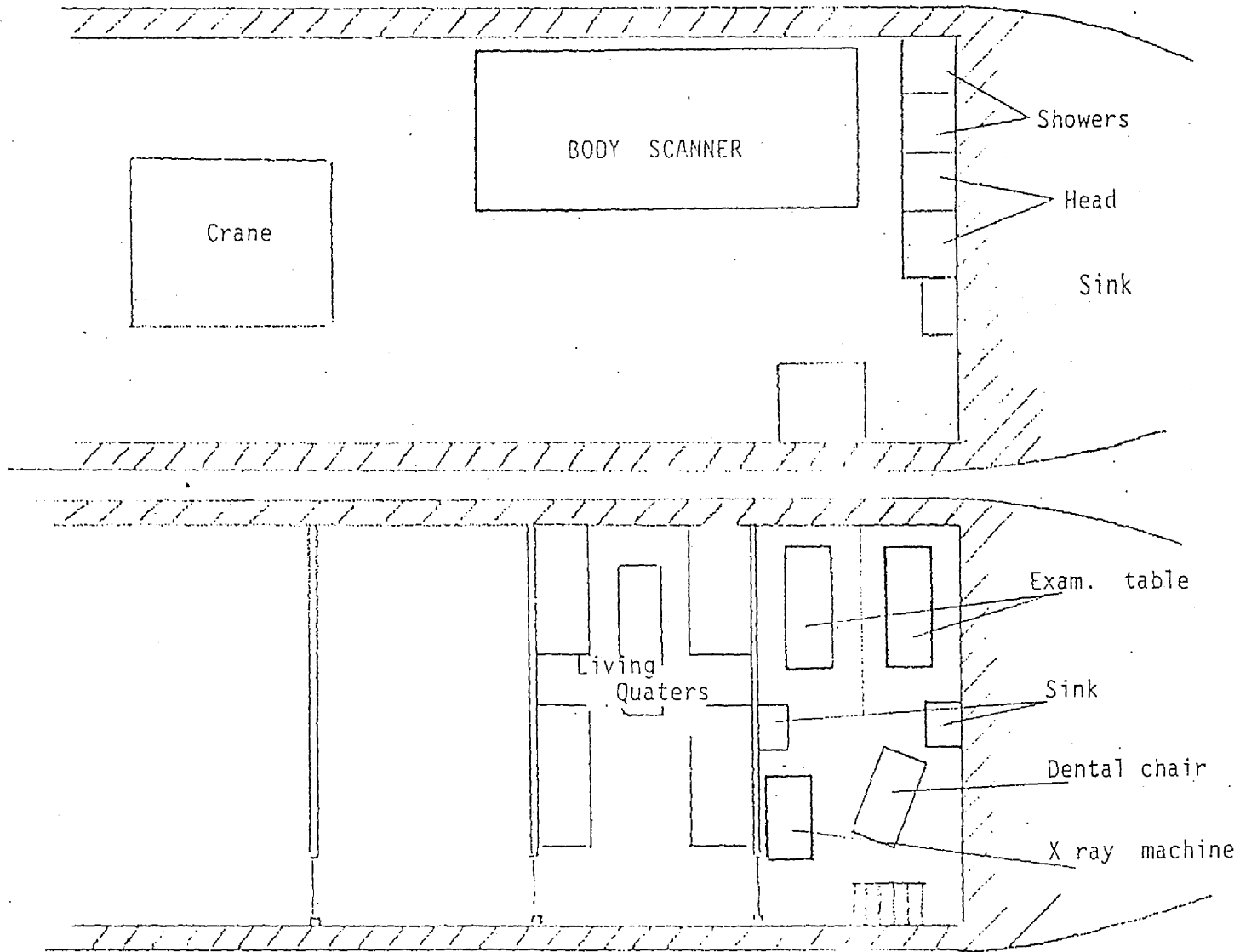


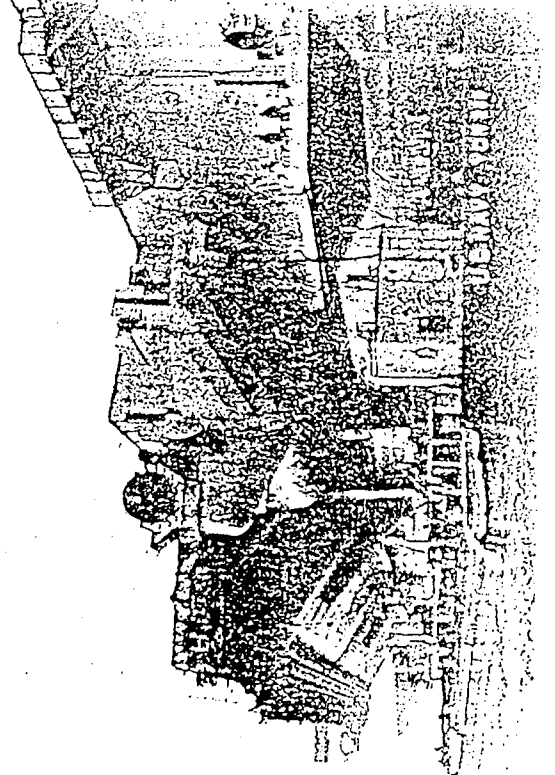
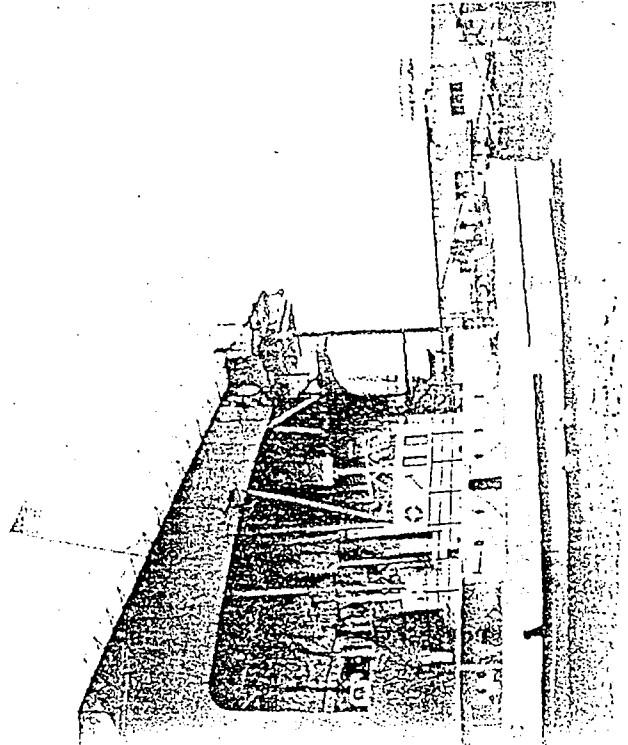
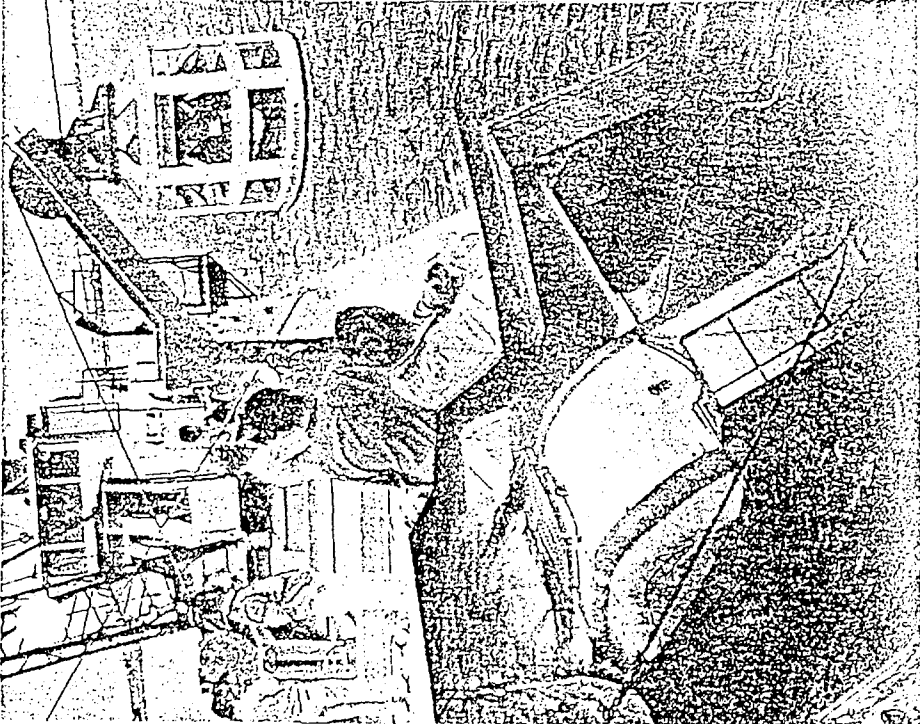
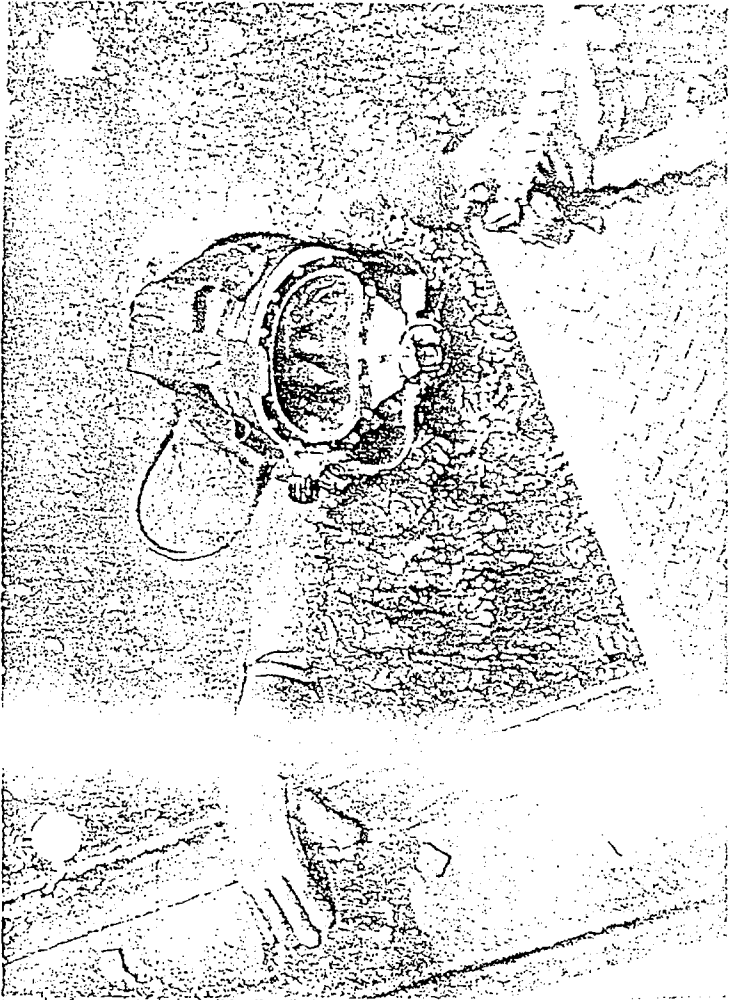
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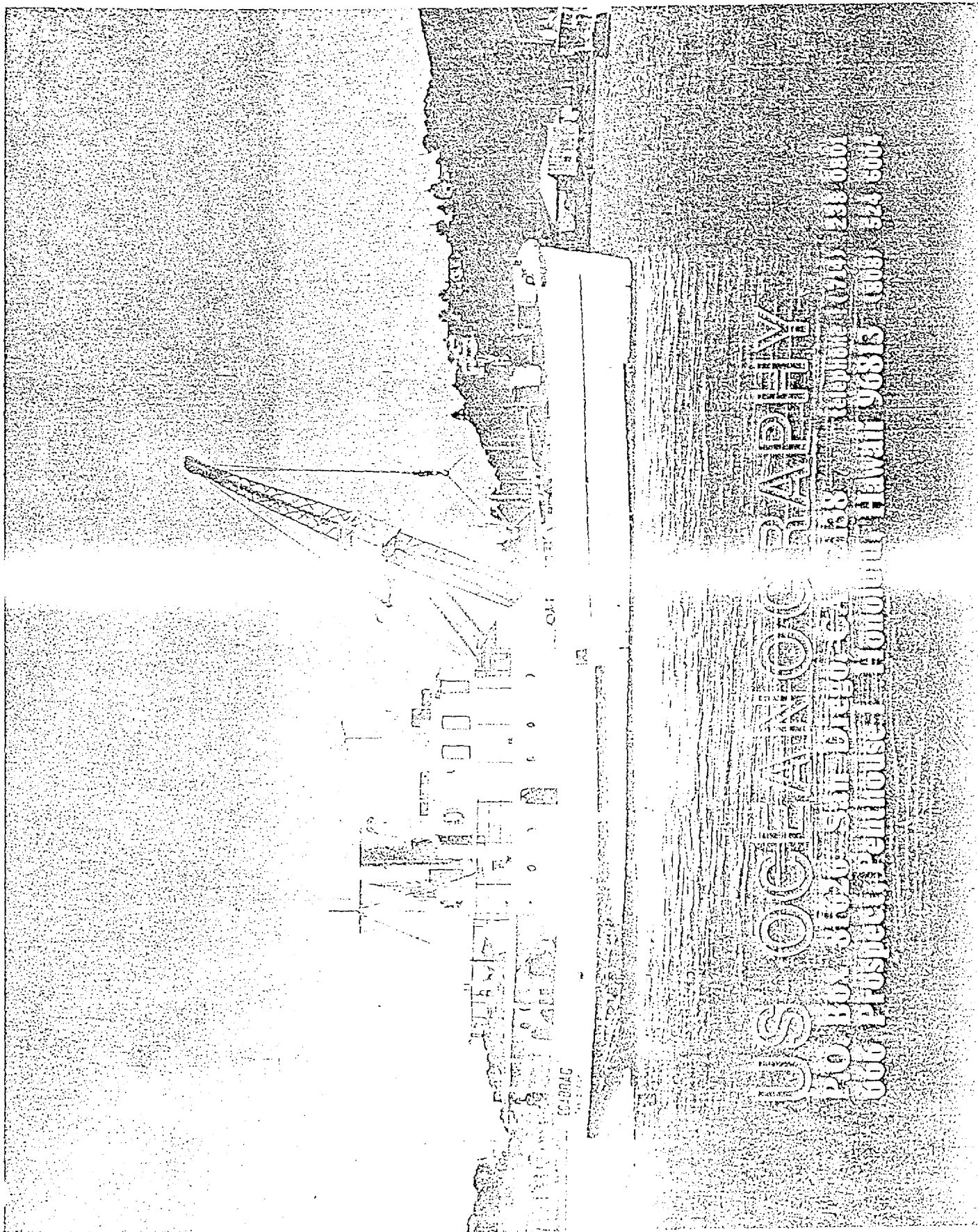




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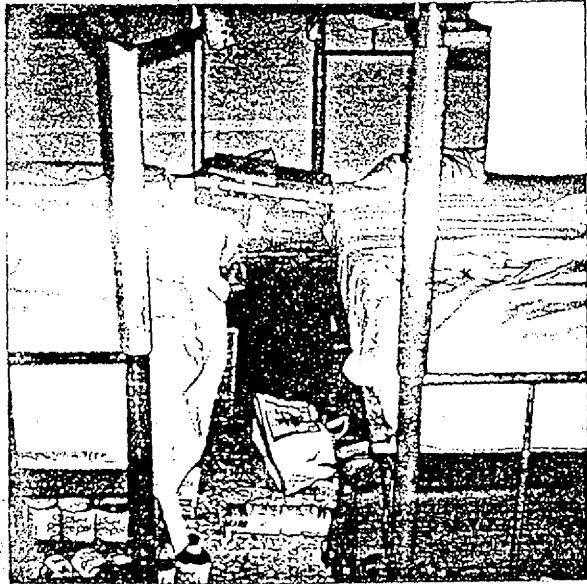
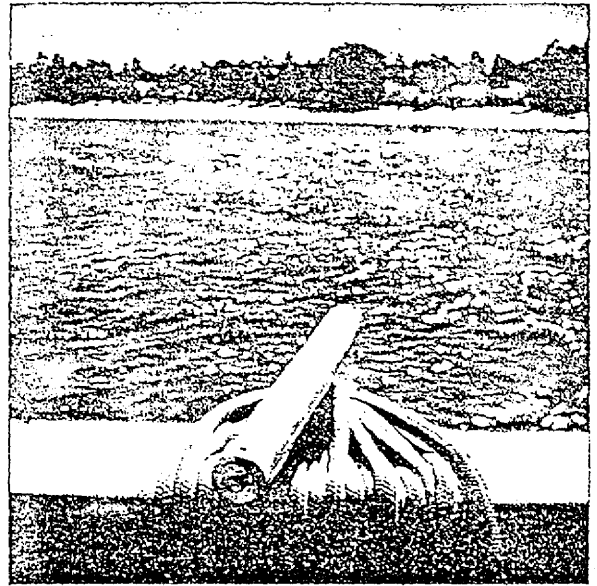
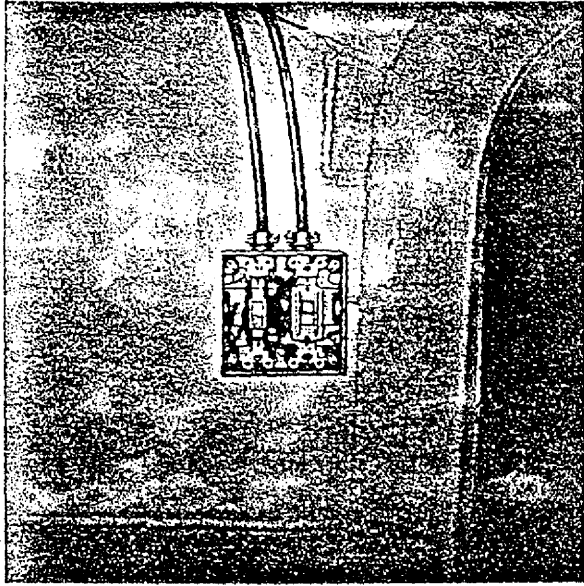


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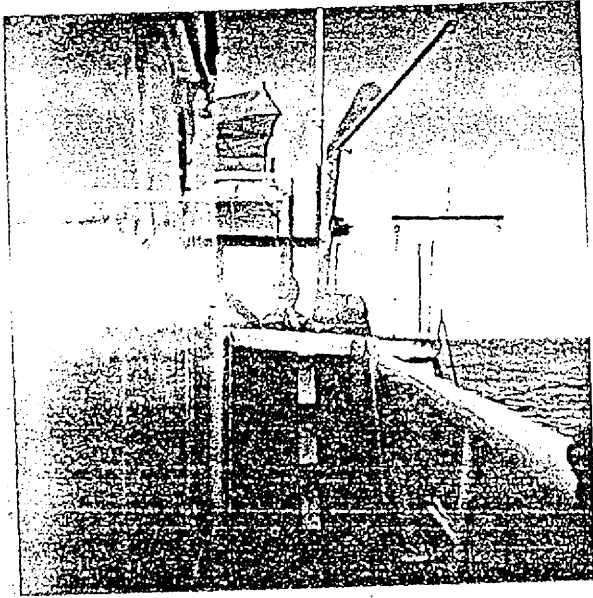
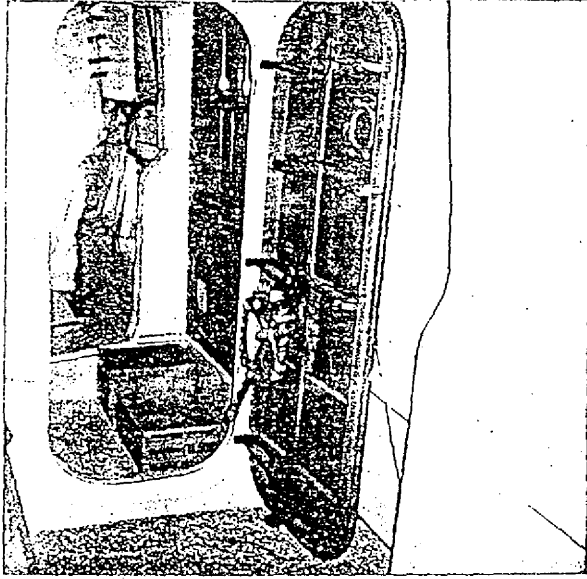


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