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BY COMBINED PERSONNEL OF  
U. S. AND BRITISH SERVICES  
FOR THE USE OF ALLIED FORCES

FUNCTIONAL ANALYSIS REPORT NO. F/A - 261

Date 10 August 1945

TARGET NO: 90:36-2231

NAME OF TARGET: SASEBO MUNITIONS STORAGE

LOCATION:	SASEBO & HARIO-SHIMA (Island)	COORDINATES:	Section
	NAGASAKI, KYUSHU, JAPAN		A 33°07'N 129°46'E
			B 33°08'N 129°46'E
			C 33°09'N 129°47'E
			D 33°09'N 129°45'E

PHOTOGRAPHY:	<u>Date</u>	<u>Mission</u>	<u>Print Nos.</u>
	11 April 1945	3PR/5M132	2V:38-42

1. This report has been prepared from a study of aerial photographs and a consideration of evaluated ground information supplied by the Joint Target Group.
2. FUNCTION:
  - A. Military stores, probably explosives and loaded ammunition.
  - B. Military stores, probably explosives and loaded ammunition.
  - C. Military stores, probably explosives and loaded ammunition. Possible component loading.
  - D. Military stores, probably explosives and loaded ammunition. Possible propellant loading.
3. LOCATION:

The four sections of the target area are located in coastal regions in SASEBO-WAN (Bay) within a  $1\frac{1}{2}$  mile radius of TAKA-SHIMA (Island) and SSE, ESE, NE and N of this radial point approximately 3 miles SE of SASEBO-KO (Harbor) with its Naval Dockyard and numerous military establishments. A, B and C are on the NE seaboard of HARIO-SHIMA (Island) and D is on the mainland immediately S of YAMAKAWA.
4. SERVICES:

All four sections have stretches of coastline on land-enclosed navigable water and quay facilities are noted either in respective coastlines or closely adjacent thereto. All are served by coastal highways connecting with branch highways to separate storage installations. A single track railroad connects section D with the SASEBO Branch railroad, but there is no evidence of railroad facilities to other sections. In all cases local terrain is utilized in the disposition and mounding of buildings.
5. IDENTIFICATION OF FACILITIES:

Section "A" 1-48

GENERAL

This is essentially a storage section though possible component loading and initiator magazines are seen at (3), (2) and (1) respectively. A light railroad probably serves the whole section though it cannot be defined on photography. Wharf and jetty facilities are seen at numerous points. Extensions to installation and probable magazines under construction are seen at (15), (16), (17), also at (18), (19), (23), (28).

5. IDENTIFICATION OF FACILITIES (CONTINUED)

## Section "A" (Cont'd)

## DETAILED

1,2	Possible initiator magazines
3	Possible component loading shop
4	Burning ground
5-14	Magazines
15-17	Probable magazines under construction
18,19	Probable magazines under construction
20-22	Probable servicing buildings
23	Probable magazine under construction
24-27	Servicing buildings
28	Probable cleared area for new construction
29-32	Magazines
33	Unidentified building or possible construction material
34	Magazine
35,36	Servicing buildings
37	Magazine
38-44	Servicing buildings
45-48	Magazines

## Section "B" 1-60

## GENERAL

Photography does not permit detailed identification of all buildings in this section, and excepting the explosives storage it is probable that other buildings are extraneous and of predated origin. A coastal highway serves the entire section. A light railroad may exist but is not defined photographically. Wharf and jetty facilities are noted.

## DETAILED

1,2	Explosives storage
3-6	Unidentified storage
7	Explosives storage
8,9	Unidentified storage
10	Explosives storage
11-14	Servicing buildings
15-17	Unidentified and probably dissociated buildings
18,19	Explosives storage
20	Possible tunnel entrance
21-35	Unidentified and probably dissociated buildings
36-40	Explosives storage
41	Unidentified building
42-44	Unidentified storage
45-50	Explosives storage
51-60	Servicing buildings.

## Section "C" 1-62

## GENERAL

This is mainly a loading section. Extensive wharf facilities exist between (1) and (44) and at (62) and it is probable that a light railroad operates in the section though indefinable in photography. A pipeline is seen entering probable pumphouse (43) and an outfall into the sea NE of (42) indicates probable land drainage.

## DETAILED

1-8	Servicing buildings
9	Non-explosive storage
10-12	Servicing buildings
13-17	Probable bag loading of propellant
18	Magazine, probably black powder
19	Possible magazine
20-27	Probable propellant loading
28,29	Possible magazines
30-32	Probable primer loading (possibly powder-puff)

## 5. IDENTIFICATION OF FACILITIES (CONTINUED)

## Section "C" DETAILED Cont'd

33-37	Probable loading line
38	Probable storage
39-41	Probable storage
42	Possible magazine
43	Pump house
44	Non-explosive storage
45	Magazine probably propellant
46-61	Storage, administration and personnel
62	Wharf transshipment building

## Section "D" (a) 1-45

## GENERAL

Storage section including propellant loading. The section is well served by internal railroad facilities, part of which terminate at wharf and jetty N of building (21). The internal railroad is connected to SASEBO Branch railroad by a spur passing through tunnel (13). A propellant testing range (D(b)46-66) is seen on the SASEBO highway near a curve of the SASEBO Branch railroad approximately 1 mile NE of the area.

## DETAILED

1-4	Wharf or transshipment buildings
5	Complex of small unidentified buildings
6,7	Explosives storage
8	Probable propellant storage (loaded bags)
9	Non-explosive storage
10-12	Explosives storage
13	Railroad tunnel entrance
14	Explosives storage
15	Unidentified storage
16-18	Explosives storage
19,20	Propellant loading
21	Servicing building
22-25	Explosives storage
26	Wharf or transshipment building
27	Probable records office
28-30	Explosives storage
31-33	Unidentified buildings
34	Explosives storage
35	Unidentified building
36-41	Explosives storage
42	Unidentified building
43-45	Component magazines
Section D(b) 46-66	Propellant testing range
46	Butts
47	Probable entrance to magazine
48	Probable tunnel entrance to magazine
49,50	Unidentified deep excavations
51	Unidentified possible structure
52	Probable ballistic building
53,54	Gun emplacements
55,56	Gun storage and servicing
57	Unidentified possible building
58,59	Servicing buildings
60,61	Records offices
62	Probable storage
63	Possible initiator magazine
64,65	Possible primer magazine
66	Constant temperature magazine



6. ACTIVITY:

## Section "A"

Photography permits no statement concerning activity except extensions and new construction mentioned in paragraph "General Identification".

## Section "B"

Three small vessels are seen off the coast one of which is steaming seawards. Photography permits no further statement as to activity.

## Section "C"

Photography permits no statement as to activity except land drainage mentioned in paragraph "General Identification".

## Section "D"

(a) Freight cars are seen at various points in the section and small craft are seen off the wharf at (1). Photography permits no statement as to their mobility. Probable boxed stores are seen outside explosives storage building (30).

(b) Photography permits no statement as to activity on testing range. A vehicle travelling in the direction of SASEBO is seen at the junction of main highway and branch highway leading to the range.

7. STORAGE CAPACITY:

Floor space of all explosives storage buildings is as follows:

Section A	176,397 sq ft
B	80,524 sq ft
C	8,183 sq ft
D	153,632 sq ft
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TOTAL	419,236 sq ft

ENCL: CFL. 751.797

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