DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

GHQ/SCAP Records (RG 331, National Archives and Records Service)

Description of contents

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(2) Folder title/number: (12)
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(3) Date: Mar. 1946 - May 1951

(4) Subject:

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(5) Item description and comment:
Okayama

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(Compiled by *National Diet Library*)

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 77 5013

MONTHLY REPORT ON NEW SHIPS & CONVERSION SHIPS

(As of 30th April, 1951)

Mitsui Shipbuilding & Engineering Co.,Ltd., Tamano Works.

Type	Name	Tonnage	Power	Owners	Complete per cent	Remarks
New Ships						
Cargo	Meitoku-Maru	9,000 d.w.	Diesel 4,150 HP	Meiji Shipping Co.	61%	
"	Undecided	9,300 "	" 8,000 "	Mitsui Steamship Co.	28%	
"	"	9,300 "	" 8,000 "	"	10%	
"	"	9,000 "	" 4,150 "	Tochigi Kisen K. K.	5%	
Conversion Ships						
Cargo	Asakasan-Maru	6,701 G.T.	Diesel 4,850 HP x 2	Mitsui Steamship Co.	78%	Former name m.s. "Talisman" of Norway
"	Yahiko-Maru	6,800 "	Turbine 2,400 HP	Itaya Shoji K.K.	84%	2A type Wartime Standard Vessel

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

ECONOMICS
CHIEF 1
D.&I. 2
N.R.
LABOR
FILE 3
I-40-0

Tamano, 8th May, 1951.

Chugoku Civil Affairs Region HQ

Kure

Dear Sirs:

Monthly Report of New Ships & Conversion Ships

We enclose herewith three copies of the monthly report of new ships and conversion ships, as of 30th April, 1951, for your information.

Yours very truly,

MITSUI SHIPBUILDING & ENGINEERING CO.,LTD., TAMANO WORKS.

S. Tanaka.

Managing Director.

MANUFACTURING INDUSTRY
FILE 0-2
Mitsui Shipyard

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

CORRECTION

THIS DOCUMENT

HAS BEEN REPHOTOGRAPHED

TO ASSURE LEGIBILITY

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

ECONOMICS
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Managing Director.

MANUFACTURING AND INDUSTRY
FILE 0-2

Mitsui Shipyard

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 77 5013

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DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

ECONOMICS	
CHIEF	
D.&I.	
N.R.	
LABOR	
FILE	✓

Tamano, 11th April, 1951.

Chugoku Civil Affairs Region HQ
Kure

Dear Sirs:

Monthly Report of New Ships & Conversion Ships

We enclose herewith three copies of the monthly report of new ships and conversion ships, as of 31st March, 1951, for your information.

Yours very truly,

MITSUI SHIPBUILDING & ENGINEERING CO.,LTD., TAMANO WORKS.

T. Tanaka

Managing Director.

MANUFACTURING AND INDUSTRY FILE 05.

Mitsui Shipyard File
Okayama

77 5013

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO.

MONTHLY REPORT ON NEW SHIPS & CONVERSION SHIPS

As of 31st March, 1951.

Mitsui Shipbuilding & Engineering Co.,Ltd., Tamano Works.

Type	Name	Tonnage	Power	Owners	Complete Per cent	Remarks
NEW SHIPS						
Patrol ship	Genkai	450 displacement tons	Diesel 650 BHP x 2	Japanese Government	100%	Completed on 17th March, 1951.
Cargo	Undecided	9,000 d.w.	Diesel 4,150 BHP	Meiji Shipping Co.	47%	
"	"	9,300 "	" 8,000 "	Mitsui Steamship Co.	19%	
"	"	9,300 "	" 8,000 "	" "	9%	
CONVERSION SHIPS						
Cargo	Meiyu-Maru	6,869 g.t.	Recipro. 3,300 BHP	Meiji Shipping Co.	90%	2A Type Wartime Standard Vessel
"	Asakasan-Maru	6,701 "	Diesel 4,850 BHP x 2	Mitsui Steamship Co.	60%	Former name m.s. "Talisman" of Norway
"	Yahiko-Maru	6,800 "	Turbine 2,400 BHP	Itaya Steamship Co.	33%	2A Type Wartime Standard Vessel

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MITSUI SHIPBUILDING & ENGINEERING CO. LTD. TAMANO WORKS

INSPECTION REPORTS

Field Trip Report - Mr. Armstrong 19 February 1951

Shipyards:

Mitsui Shipbuilding & Engineering Co.Ltd, Tamano Works - Reparations equipment in use was found to be in excellent condition.

Observation revealed that no major construction, repair or conversion was in progress in violation of existing regulations. Construction of 6 new ships and the conversion of 1 ship was found to be in progress and are as follows.

New Ships

Owner	Name	Size	% Complete
Mitsui Steamship Co.	Amagisan Maru	9,000D.W.Tons	96%
" " "	None	9,300 D.W.Tons	16%
" " "	None	9,300 D.W.Tons	7%
Meiji Shipping Co.	None	9,000 D.W.Tons	31%
Japanese Government	Oki (Patrol Ship)	450 Tons	92%
" "	Genkai(")	450 Tons	68%

Conversion

Mitsui Steamship Co.	Asakasan Maru	10,000 D.W.Tons	10%

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ECONOMICS
CHIEF
D.&I. 1 BSS
N.R.
LABOR
FILE

adjust record.

Tamano, 8th February, 1951.

Chugoku Civil Affairs Region HQ

K U R E

Dear Sirs:

Monthly Report of New Shipbuilding

We enclose herewith three copies of the monthly report of new shipbuildings, as of 31st January, 1951, for your information.

Yours truly,

MITSUI SHIPBUILDING & ENGINEERING CO.,LTD., TAMANO WORKS.

S. Tanaka

Managing Director.

MANUFACTURING INDUSTRY AND TRADE FILE 0-5-s

FEB 12 1951

ECON 214

77 5013

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO.

MONTHLY REPORT ON NEW SHIPBUILDING

As of 31st January, 1951

Mitsui Shipbuilding & Engineering Co.,Ltd., Tamano Works.

Type	Name	Tonnage	Power	Owner	Complete per cent
Cargo	Amagisan Maru	9,000 d.w.	Diesel 4,050 BHP	Mitsui Steamship Co.	96%
Patrol ship	Oki	450 displacement tons	Diesel 650 BHP x 2	Japanese Government	92%
Patrol ship	Genkai	450 displacement tons	Diesel 650 BHP x 2	Japanese Government	68%
Cargo	Undecided	9,000 d.w.	Diesel 4,150 BHP	Meiji Shipping Co.	31%
Cargo	Undecided	9,300 d.w.	Diesel 8,000 BHP	Mitsui Steamship Co.	16%
Cargo	Undecided	9,300 d.w.	Diesel 8,000 BHP	Mitsui Steamship Co.	7%

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DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO.

MONTHLY REPORT ON NEW SHIPBUILDING

As of 20th Nov. 1950

FILE → Mitsui Shipbuilding & Engineering Co., Ltd., Tamano Works. 0-5

SCAPIN No. & Date	Type	Name	Tonnage	Power	Owner	Keel laid	Launched	Completed	Completed per cent
AG561 (27 Dec 49) ESS/IN SCAPIN 7021-A	Cargo	Meiko Maru	8,500 dw	Turbine 2600 SHP	Meiji Kaiun K. K.	16th Feb. 1950	18th July 1950	20th Oct. 1950	100%
AG561 (27 Dec 49) ESS/IN SCAPIN 7021-A	Cargo	Azumasan Maru	9,000 dw	Diesel 4050 BHP	Mitsui Steamship Co.	6th Mar. 1950	2nd Sept. 1950	(11th Dec. ✓ 1950) -	91%
AG561 (27 Dec 49) ESS/IN SCAPIN 7021-A	Cargo	Amagisan Maru	9,000 dw	Diesel 4050 BHP	Mitsui Steamship Co.	30th Mar. 1950	30th Nov. 1950	(10th Feb. 1951)	57%
GHQ Memorandum 1 Mar 50	Cargo	Shoryu Maru	8,500 dw	Turbine 2600 SHP	Matsuoka Steamship Co.	22nd Mar. 1950	25th Oct. 1950	(25th Dec. 1950)	71%
-	Patrol boat	-	450 displacement tons	Diesel 650 BHP x 2	Japanese Government	15th Aug. 1950	(9th Dec. 1950)	(15th Feb. 1951)	56%
-	Partrol boat	-	450 displacement	Diesel 650 BHP x 2	Japanese Government	15th Aug. 1950	(15th Jan. 1951)	(15th Mar. 1951)	37%

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MITSUI

VOID

See New Appln

3-18-46

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Mitsui Shipbuilding & Engineering Co., Ltd. TAMA.

January 31, 1946 #1

To:

~~HEADQUARTERS,~~
~~Eighth Army.~~

APPLICATION FOR CONVERSION OF

A N D

REPORT ON INDUSTRIAL FACILITY

MITSUI SHIP-BUILDING & ENGINEERING CO.,LTD.

TAMANO WORKS.

Manager: Kahachi Kitamura

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

COPY

...TSUI SHIPBUILDING & ENGINEERING
CO., LTD.

Tokyo, February 5, 1946.

To
The Economic & Scientific Section
of the Allied Headquarters.

Dear Sirs:

Soliciting for keeping the Equipments
in the Shipbuilding Yard at Tamano

At the outbreak of the 1st European War, the shipping circles became active in Japan. Each ship-owner, therefore, intended to keep building yard under his control in order to repair his own ships at his command. To meet the above need and also to fill up the insufficiency of repairing capacity in Japan, our yard was established by Mitsui Bussan Kaisha, Ltd. as a repairing shop of its Freight Department. But to manage the factory with repairing only was very difficult owing to variation in orders from clients. And so, we planned to keep the work in proper quantity by accepting orders not only in ship construction, but also in various kinds of iron structure, steam engines, chemical machinery etc.

At the inactivity of shipping circle which prevailed for several years since 1926, we had overcome the difficulty by chiefly depending on repairing and other construction work. Since 1933, besides numbers of new ship construction, we increased and improved our repairing equipments with the result that as many as 170 ships (aggregating 600,000 G/T) have been repaired per year. In 1937, with the view that industrial department must be independent of trading company, Tama Shipbuilding Co.,Ltd. was established by separating our factory from Mitsui Bussan Kaisha,Ltd. Since then, demand of both new construction and repairing had increased more than ever. We had taken heed of adjusting the above two kinds of work giving the latter first consideration, even by often extending the term of completion of the former. In 1938, we could repair 233 ships (aggregating 933,497 G/T). Since 1942 we had been obliged to engage ourselves mainly in speedy construction of boats of wartime standard type and small war-ships by Government's command, so our repairing capacity had fallen 50% in efficiency.

to

On these grounds we are now assured of success in repairing 250 ships (aggregating 1,000,000 G/T) in a year with those equipments in hand, provided that we get full supply in labour and material.

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Outline of the ship-building equipments in hand is as follows:-

Quay wall	2,200 ft. in length
Dry dock	4
Berth	6
etc.	

Regarding the repairing equipments, 13 ships are able to be moored at same time.

Details of quay wall capacity:-

Depth of water	18 ft.
Mooring capacity	9 ships (in a right angle to wall)

Details of dry docks:-

NO.	LENGTH X WIDTH X DEPTH	DRAUGHT	O/T	YEAR
1	556'-0"X 74'-0" X 27'-0"	19'-0"	9,500	1919
2	477'-0"X 74'-0" X 29'-0"	21'-0"	9,000	1930
3	350'-0"X 51'-6" X 19'-0"	12'-0"	4,000	1920
4	544'-0"X 74'-0" X 32'-0"	24'-0"	11'000	1941

NOTE: Tower cranes
Between No.1 and No.2, 7T... 1 set
" No.1 and No.4, 10T.. 1 "

Details of berth:-

NO.	LENGTH X WIDTH	TOWER CRANES
1	600'-0" x 80'-0"	5T - 10T X 1
2	" X "	3T - 6T X 1 5T - 10T X 1
3	" X "	7.5T - 15T X 1 10T - 20T X 1
4	" X "	3T - 6T X 1 5T - 10T X 1
5	520'-0" X "	
6	488'-0" X "	5T - 10T X 1

Regarding the engineering equipments, we have produced numbers of ship components and especially all kinds of internal combustion engine under licensee of Burmeister & Wain's Diesel engine which aggregate at present about 300,000 H.P.

At present, under the new situation after defeat, we resolved to take a course of work which will immediately contribute to the peacetime industry. We put the repairing of ships in the first place in order to enrich the civil economy and also to meet the speedy demobilization from abroad. We intend, moreover, to build up the small steel-vessels and to make all kinds of steel structures and industrial machinery. Should, by any chance, our ship-building equipments be taken away for reparation, we

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desire to engage ourselves mainly in repairing, and also in building fishing-boats, small steel-ships, engines for above small vessels as well as agricultural and chemical machines.

We believe firmly that the above mentioned work lined with our skillful technique trained up during the 30 years will be useful very much, and 5,000 employees will thus be relieved from unemployment. We, therefore, sincerely desire that not only the equipments of our chemical machinery manufacturing department (which we don't recognize to be the object of reparation), engineering department (excl. naval boat outfitting shops), but also minimum equipments in the hull department should be relieved from withdrawal.

Thanking you,

Yours faithfully,

MITSUI SHIPBUILDING & ENGINEERING CO., LTD.

Y. Iwanaga

PRESIDENT

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Mitsui Shipbuilding & Engineering Co., Ltd. TAMA.

COPY

Tamano, Februqry 5th, 1946.

To the Supreme Commander
for the Allied Powers,
Tokio.

Dear Sir:

The undershigned, representing 5000 workmen of Labour and Employees Union of Mitsui Shipbuilding Co., Ltd., submit you for your sympathetic consideration the case of Mitsui Shipbuilding Company.

According to newspapers, our Dockyard is to be the object of Reparation and all the plants and machinery are probably to be removed. We now ask you to transmit our sincere desire to the Authorities concerned to leave us even a portion of machinery and plants sufficient for us to carry on our work, so as to relieve us from the distress of unemployment.

We realise that the present is the crisis for the lives of 5000 workmen of our Labour and Employees Union and we have decided to take the matter up with you by ourselves.

How can we survive the present distress in consequence of Japan's defeat if there is no workshop to work and no machine to handle?

Most of us were born and brought up in this small town of Tama and its neighbourhood and we are bound with the fate of the Dockyard. Our workshops are, as it were, like the land for farmers to cultivate. If we are thrown away from this place due to the removal of Mitsui Dockyard, there will be no job for us.

Since the termination of the war, one and all of us have done our best, working day and night, to repair a large number of mercantile ships, the rate of attendance never falling below 90% at any time.

Having heard our Dockyard is most probable to be the object of reparation due to the fact that it had been under the control of Mitsui plutocracy, we heartly regret our miserable fate.

But now our firm has become completely isolated from the Mitsui & Co., and we are all united to continue our work under a new board of Directors, who represents our common will to work eagerly for the welfare of whole people of our country.

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Mitsui Shipbuilding & Engineering Co., Ltd. TAMA.

If you can help us by leaving even a part of our plant and machinery, we are determined to work by producing some essential goods for the civilian need.

We entreat you not to drive us and our families into despair. Our lives, those of our families and 50,000 inhabitants of the town of Tama depend upon your decision.

Yours faithfully,

(Signed) T. Ohmae

Representative of Employees Union of Mitsui Shipbuilding Co., Ltd.

(Signed) Y. Yasue

Representative of Labour Union of Mitsui Shipbuilding Co., Ltd.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Mitsui Shipbuilding & Engineering C[illegible] Ltd. TAMA.

Feb. 5, 1946.

SUPPLIMENTARY NOTES FOR THE APPLICATION:

I). This application is submitted here so that we should like to continue our present course of business as before in carrying out the civilian production to meet the necessity of our people.

II). No phisical conversion of equipments and of machinery have been made since the end of war except the special quarter and equipments which was used for submarine fitting-out in war time and are now closed and some shops are used as stores.

III). The present production and the plan for 19461947 would be kindly examined and the necessary equipments and materials for that purpose also to be confirmed.

IV). Our plan is as follows:-

a). Hull Department:

Under present situation, ship-building is to be limited in small scale, building, fishing boats of less than 100 tons and trawlers besides whale catcher boats of less than 400 tons G/T.

Repairing works should be in full swing.
For these purposes, the present equipments is surely too large and excess so far as the new ship construction is concerns.

b). Engineering Department:

Matching with this works of Hull Department planed, the capacity of our Engineering Department is quite excess and we should like to utilize most of it independently in making necessary civilian production, such as mass production of flour mill of small size, wood-machine tools and small engines for fishing boats and on the other hand we are going to accept any order for mechanical works and repairing jobs for burnt factories.

Some of the present equipments are to be left unused at present because there is no order of big engine.

c). Chemical Department:

The work of this department should be carried out more powerful than before in making machinery and equipments for such as artificial firtilizer and salt-making plants.

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Mitsui Shipbuilding & Engineering Co., Ltd.

TAMA.

V). In case of the difficulties which would necessitate our present plan not to be carried out, we should prepare and submit to you the new plans of real conversion of business for the living of our employees and labourers, about which concrete idea has not yet been decided.

MITSUI SHIPBUILDING CO.,LTD.

T. [illegible]
Director.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Mitsui Shipbuilding & Engineering Co., Ltd.

TAMA.

1. Name of plant: Mitsui Shipbuilding & Engineering Co.,Ltd., Tamano works.
2. Location: Tama, Tamano-shi, Okayama Prefecture.
3. Name of Manager: Kanachi Kitamura
4. History:
   a. Date of construction — Constructed & operated in Nov, 1917 as a factory of Freight Dept. of Mitsui Bussan Co., Ltd.
   Separated in July, 1937 as Tama Shipbuilding & Engineering Co.,Ltd.
   In Jan. 1942 changed in present name.
   b. Date of first operation
   c. 1935-1941 production

c. 1935-1941 production

Item \ Year	1937	1938	1939	1940	1941	1942	UNIT
New construction. merchant ship	8 11,588	11 18,216	14 20,422	5 9,048	7 15,445	7 12,884	ships ¥1000
Repair, Marchant ship.	162 2,607	173 2,859	221 4,536	204 5,752	195 6,860	179 8,189	ships ¥1000
Conversion merchant ship	.. ..	.. ..	.. ..	.. ..	.. ..	3 310	ships ¥1000
New Construction Naval	1 874	1 1,542	2 150	3 2,138	1 1,343	4 9,738	ships ¥1000
Repair, Naval	1 10	2 730	.. ..	2 26	1 414	20 1,025	ships ¥1000
Ship components, & chemical industrial machineries	351 1,207	323 836	371 1,149	469 1,475	391 2,698	844 4,554	ships ¥1000

5. Present capitalization in Yen 60,000,000.-

6. Change made in capital structure since 1938

   First capital: ¥ 10,000,000.-
   Increased in March, 1942 to ¥30,000,000.-
   (i.e. ¥ 20,000,000.- increased)
   Increased in March, 1944 to ¥ 60,000,000.-
   (i.e. ¥ 30,000,000.- increased, but on half unpaid)

f. Name and address of parent company:-

   Mitsui Honsha, Ltd.,
   1-1, Muromachi Nichome, Nihonbashi-ku, Tokyo.

g. Number of shares outstanding:- 1,200,000 shares

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h. Number of stock-holders:- 38
i. Funds received from government:- Nil
j. Sketch outline of plant layout with approximate dimensions:- attached herewith

5. Description:-

Remarks: "S.S. A,B or E type" means wartime standard type ship.

Principal products:-

1. WAR TIME

Hull Department

New construction	coast defense ship.
	submarine (middle & small type)
Repair	Coast defense ship
	submarine (middle & small type)
New Construction	S.S. A & B type
Fitting out	wooden boat (150 G/T)
Repair	- merchant boat

Engineering Department

Marine internal combustion engine (No.22-10type)
Evaporater for navy
Oil hearter for navy
Ballast pump for S.S. B type
Steam dynamo 30KW
Main condenser for S.S. 2A type
Aux. " " "
Feed water hearter for "
Oil cooler " "
Propeller " "
Feed water pump " S.S. E type
Main engine " "
Marine boiler " type No.2

Chemical Machinery Manufacturing Department

Water gas generating plant
Normal pressure type contact oven
Medium " " " "
Steam accumlater
Lubricating oil plant
Butanol synthetic contact oven
Diesel oil plant
Acet Aldehyde synthetic contact oven
Gas automatic controle apparatus
Ammonia collector
Co2 gas washer
Meten cracking plant

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Mitsui Shipbuilding & Engineering Co., Ltd. TAMA.

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
3- Phase induction motor	10 H.P.	1	Shibaura
Motor Generator	600 KW	1	"
High Press boiler	42kg/cm² 10 T/H	1	Mitsui Tamano
Super heating boiler	40kg/cm² 10 T/H	1	"
Water Tube boiler	17kg/cm² 5 T/H	1	Mitsubushi-nagasaki
Cochran boiler	8kg/cm² 1 T/H	1	Unknown
Testing Plants for Diesel engine		1	"
Water Brake	10,000	1	Mitsui Tamano
"	7,000	1	"
"	3,000	3	"
"	12,000	1	"
"	150	1	"

d) (Engineering department for engine works)
equipment of erecting shop F.2

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Mitsui Shipbuilding & Engineering ., Ltd. TAMA.

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
A.C.Cyc. arc. welding machine	No E-5551 200-180/30	1	Osaka-henatsuki
"	No Y-7434	1	"
"		1	"
Transformer	2000KVA	2	"
"	300 "	2	Hitachi seisaku
"	200 "	27	"
"	"	4	Toa
"	"	1	Shibaura
"	100 "	7	Hitachiseisaku
"		3	Osakahenatsuki
"		2	Mishijima
"	75 "	4	Hitachi seisaku
"	60 "	8	Toa
"	50 "	11	Hitachi seisaku
"	40 "	19	"
"	35 "	2	Toa
"	30 "	8	Hitachi
"	"	2	Toa
"	25 "	2	Toa
"	20 "	6	Hitachi
"	"	3	Toa
"	15 "	2	Shibaura
"	10 "	2	"
"	"	4	Hitachi
"	7.5 "	1	"
"	"	3	Toa
"	5 "	7	Hitachi
"	3 "	1	"
"	"	1	Toa
"	2 "	2	Hitachi
Induction Motor	10 HP	1	Shibaura elec. works
"	15 "	1	"
"	50 "	1	"
"	20 "	1	Hitachi
"	75 "	1	"
"	150 "	1	Shibaura elec. works
D.C.Motor	0.5 "	1	Meiden-sha
"	5.5 "	1	Toba elec. works
"	7.5 "	2	Mitsubushi elec. Works
"	7.5 "	1	Kobe elec. works
"	15 HK	2	Thomas Sthrige odence
"	20 "	1	Kurosaki elec. works
"	25 HP	1	Shibaura elec. works

e/ (engineering department for electric machinery equipment of electric works F.2

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Mitsui Shipbuilding & Engineeri Co., Ltd. TAMA.

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
3-Phase induction motor	Type 1 50 H.P.	1	Shibaura

f) (Engineering department for repaire jobs of shop building
equipment of machins shop no 2 P 3)

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Mitsui Shipbuilding & Engineeri Co., Ltd. TAMA.

9

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
A.C.Welding Machine	15KW	32	Osaka ele Co. Lt.
"	11.4KVA	1	Hitachi elec works
"	29 "	2	"
"	24 "	12	Osaka Transformer c.l.
"	26 "	5	"
"	33.5 "	5	"
"	24.5 "	6	"
"	26.8 "	1	Dengensha
"	27.8 "	1	"
"	28 "	1	"
"	28.2 "	6	"
"	28.4 "	5	"
"	28.6 "	3	"
"	29 "	2	"
"	29.5 "	2	"
"	29.7 "	1	"
"	29.9 "	1	"
"	30.6 "	1	"
"	30.8 "	2	"
"	31.4 "	1	"
"	31.7 "	1	"
"	31.9 "	1	"
"	32.1 "	1	"
"	25 "	4	Shibawra
"	36 "	11	"
Atonic Hydrogen Welding machine	16 KW	1	"
D.C.Electric Welding M.	7.5 "	1	"
"	30 "	1	"
Automatic Gas cutter	AType	1	Mori-keiki
"	1/4 H.P.		
"	MC-2 1/4 HP	1	"
"	Universal Type	1	Made in German
Gas cutting machine	Flange cutter	1	Mitsui-Tamano works
"	"	1	"
3-Phase induction motor	25 HP 220V	1	Meidensha
"	5 HP "	1	General Electeic Co.
D.C. Motor	4 HP "	1	Kurosaki
3-Phase induction motor	3 HP	1	Mitsubushi Elec. Works
"	2 HP	1	Hitachi
"	1 HP	1	Yasukawa Elec C.L.
"	1/2 HP	1	Allis chalmer Co.
"	1/2 HP	1	Unknown

g) (Engineering department for repair jobs & ship building equipments of boiler ...P 2)

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Mitsui Shipbuilding & Engineeri Co., Ltd. TAMA.

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
3-Phase induction motor	10 H.P.	1	Meidensha
"	3 "	1	Hitachi

h) (Engineering department for repair jobs of ship building equipment of copper smith F.2)

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Mitsui Shipbuilding & Engineering Co. Ltd. Supplementar to Jan 31st TAMA.

ALTERNATION (Revised on Feb. 2nd, 46)

5. DESCRIPTION:-

a). Principal Products:-

(2) AT PRESENT: (At end of January 1946)

Hull Department

War time standard ship 3B
Repair merchant ship and repair war-ship for demobilization
Fitting of wooden boats (150 G/T)

Whale catcher boats	(370 G/T)	5 boats
Trawler	(270 ")	4 "
Fish carrier boats	(270 ")	2 "
Small trawler	(75 ")	18 "

(3) PLANNED FOR 1946-47:

Hull Department

New construction of fishing boat:-

Whale catcher boats	(G/T 370)	12 ships per year
Trawlers	(" 270)	12 " "
Small trawlers	(" 75)	48 " "

Repair merchant ships and repair war ship for demobilization) 40,000 G/T per month

b). Capacity:-

(3) PLANNED FOR 1946-47:

Hull Department

Whale catcher boat	(G/T 370)	1 boat per month
Trawler	(" 270)	1 " "
Small trawler	(" 75)	4 " "

Repairing of ships 40,000 G/T per month

c). Number:- of Employees :-

(3) PLANNED FOR 1946-47:

Hull Department 1,700

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Mitsui Shipbuilding & Engineering C[illegible] Ltd. Sapplemental - to Jan. 31. TAMA.

ALTERANATION (Revised on Feb. 2nd, 46)

5. DESCRIPTION:-

a). Principal Products:- (at end of January 1946)

II. AT PRESENT:

Engineering Department

Ballast pump for S.B. type B	17	sets
" " " D	18	"
Main condenser " " 3 B	1	"
Aux. condenser " " "	1	"
Feed heater " " "	1	"
Oil cooler " " "	1	"
Boiler (Howden Johnson type)	4	"
Propeller for S.B. 3 B	1	"
" " 150 ton Tug boat	5	"
" " 70 " "	5	"
" " S.B. 3 D	2	"
Windlass for 150 ton tug boat	9	"
Stern tube & bush	2	"
High speed small impulse crusher for food stuff	1000	sets
Motor (7.5 HP) for " "	100	"
Large flour mill (abt. 100 barrels per day)	28	"
Mill roller for do.	88	"
Cast iron pipes for water service	34	"
Casting for exhause fan for iron mafg. works	2	"
" " end girder frame " " "	2	"
Forging iron of hoe	70,000	"
Diesel engine (200 B.H.P.) for finshing boat	26	"
Conversion of tanks to Bulldozers	2	"
" " to cultivaters	10	"
Fitting out of fishing boats:-		
Whale catcher boats D.W. 350 tons	5	sets
Trawler boats " 270 "	4	"
Fish carrier boats " 270 "	2	"
Small trawler boats " 70 "	18	"
Auxiliary machinery & accessories for above		
Some iron casting for chemical machinery		
Repair jobs		
Fitting of the S.B. 3 B.		
Repair of bridge transporter	1	set

III. PLANNED FOR 1946-1947:

Engineering Department

Diesel engine (200 BHP) for fishing boats	24	sets per year
Apparatus for salt plant	10	" "
Large flour mills (abt. 100 barrels per day)	40	" "
Wood working tool machines:-		
Planer 8" width	90	sets per year
" 12" "	180	" "
Table band saw 44"	40	" "
Automatic planer 24"	35	" "
Square chisel machine	480	" "

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Small motors (3-5 HP) for agricalture		480 sets per year
Fitting out of fishing boats:-		
Whale catcher boat	D.W. 350 tons	12 ships per year
Trawler boats	" 270 "	12 " "
Small tralwer boat	" 70 "	48 " "
Auxiliary machinery & accessories for above		
Repair Jobs		G/T 720,000 per year
Casting:- Cast iron		1200 tons per year
Cast steel		360 " "
Alloys		120 " "
Forging of steel		600 " "

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Chemical Machiner Manufacturing Department (Cont'd)
Aluminium rotary kilm
Pine root oil dry distiller
Camphor dry distiller

2. AT PRESENT

Hull Department

2 - War-time standard type ship 3B 1 - No. 3 Berth. + 1 inc inlet.
Repair merchant boat and repair war-ship for demobilization
Fitting of wooden boats (150 G/T)

Engineering Department

Ballast pump for S.S.B
" D
Main condenser for S.S.3B
Aux. condenser "
Feed heater "
Oil cooler "
Boiler No.5 type
Propeller for S.S. 3B
" " 150 Ton Tug boat
" " 70 " "
Windlass for 150 ton Tug boat
Propeller for S.S.3 D
Stern tube & bush
High speed impulse crusher
Motor 75 HP for high speed impulse crusher
Roller of flour mill
Cast iron tube of water pipe
Structure of casing for exhaust fan in iron manufacturing
" " end girder frame in iron manufacturing
Forging iron of hoe

Chemical Machinery Manufacturing Department

Water gas generating plant
Gas generating plant
Electroliser
Flour mill
Alcohol fine distiller
CO_2 gas washer
Evapertion for salt
Ammonia synthetic apparatus.
Tylox desulphurising plant.
Automatic cokes charger.
Various pumps and valves.
Salt

3. PLANNED FOR 1946-47

Hull Department

New construction of fishing boat
Trawler (75 G/T) 4 per month
" (270 ") or refingeration ship 1 "
Whale catcher boat (350 tons) 1 "
Total 920 G/T

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Hull Department (Cont'd)

Repair of Liberty type L.S.T.
Repair of Japanese merchant ship
" " War ship for demobilization) 60,000 g/T per month

Engineering Department

Small Diesel engine (250 HP) for fishing boat	24 ships	per year
Apparatus for salt plant	10 sets	"
Large flour mill	4000 "	"
Wooden planer machine	150 "	"
Small motor (3-5 HP) for agriculture	480 "	"
Small crushing machine (5 HP)	1000 "	"
Farm tructor (Bulldozer)	20 "	"
Repair of bridge transporter (Osaka Harbour)	1	"

Chemical Machinery Manufacturing Department

Various type gas generating plant
" " " purifying plant
" " electroliser
" " gas washer
Oil synthetic plant
Oil refining plant
Ammonia synthetic apparatus
Desulphurising plant
Sulphenic acid apparatus
Alcohol fine distiller
Rayon plant
Coke oven (Automatic cokes charger)
Cement machineries
Minning machineries
Miscellaneous (Flour mill, blower, compressor, filter pump, valves, etc.)

10 tanks for cultivators.

b. CAPACITY:

1. WAR TIME

Hull Department

New construction:-
War-time standard type ship A 2.5 ships monthly
Coast defence boat 0.5 "

Repairing:-
Merchant boat
War ship

Engineering Department

Main engine (2,250 BHP)	1 set	monthly
Dry distiller (36 tons)	20 "	"
30 KW steam dynamo	5 "	"
Pump (180 tons)	10 "	"

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Mitsui Shipbuilding & Engineering Co. Ltd. TAMA.

Lathe	1530 mm	9	Kyoritsu-Kogyo
"	1830 "	2	unknown
"	2440 mm	1	"
"	"	2	Hatano -seiki
Turret lathe	1370 mm	1	Imaizumi
Radial drilling M	1320 mm	1	Westan
"	1940 mm	1	Tullis
"	2440 "	2	Kaboma
"	"	2	Asquith
"	2500 "	5	Toakinzoku
Vertical drilling m.	280 mm	1	Mitsui Tamano works
"	290 "	1	unknown
Bench drilling m.	1/4 HP	1	"
"	1/2 HP	1	"
Slotting machine	305	1	Shibayama
Milling machine	Table 550 mm		Mitsui Tamano works
"		1	unknown
Tool grinding machine	grinder	1	"
Tower Crane	5/10 T	1	"
Tower crane	5/10 T	4	Sumitomo
"	3/6 T	1	Ishikawajima
"	7.5/15 T	1	"
"	3/6 T	1	"
"	10/20 T	1	"
"	10 T	1	Showa
"	7 T	1	Ishikawajima
"	6 T	1	Sumitomo
Yard crane	3/6 T	2	Ishikawajima
"	"	1	Sumitomo
"	5/8 T	1	Showa
Over head crane	5 T	2	Koeisha
"	"	2	Yashima
"	"	4	Ishikawajima
"	"	2	Showa
"	"	6	Hitachi
"	"	1	Mitsui Tamano works
"	10 T	4	Hitachi
Steam crane	5 T	3	"
"	"	7	Unknown
"	4 T	2	"
Floating crane	120 T	1	Ishikawajima
"	60 T	1	Mitsui Tamano works

(Equipment for shipbuilding & repairing - Hull department P.4)

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Mitsui Shipbuilding & Engineering Co., Ltd. TAMA.

b

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
A.C.Arc Welding machine	20 KVA	2	Hitachi
"	30KVA	2	Shibaura
3-Phase induction motor	30 HP 3,300v	1	"
"	30 HP 220v	2	"
D.C. Motor	20 HP 3,300v	1	"
3-Phase induction motor	20 HP 220v	1	"
"	15 HP 220v	1	"
"		1	"
"	10 HP 220v	1	"
"	10 HP 220v	1	"

(Engineering department for raw materials. Equipmsnt of pattern shop. foundry shop & forging shop ... P.3)

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Mitsui Shipbuilding & Engineering Co., Ltd. TAMA.

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
IXT - 54 Type	35 HP 220V	1	The british thomson Hooston Co. L.
3-Phase induction motor	30 " 220V	1	Shibaura
"	Type TIM 50 HP	1	"

(Engineering department for engine works
Equipment of machine shop No 1... P 4)

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Chemical Machinery Manufacturing Department

Metan cracking plant	0.25 set	monthly
Normal pressure type contact oven	1.0 "	"
Steam accumulater	0.2 "	"
Lubricating oil test plant	0.1 "	"
Butanol synthetic contact plant	0.1 "	"
Medium pressure type contact oven	5.0 "	"
Iron catalysis oil synthetic contact oven	0.4 "	"
Diesel oil plant	0.1 "	"
Aceto Aldehyde synthetic contact oven	0.1 "	"

2. AT PRESENT

Hull Department

War time standard type ship B (G/T 4860)	1/4 ships- 1215 G/T	monthly
~~Repairing of ships~~		
Repairing of ships	40000 "	"

Engineering Department

Flour mill	5 sets	monthly
Small crushing with motor	200 "	"
Motor (7.5 HP)	50 "	"

Chemical Machinery Manufacturing Department

Gas generating plant	0.5 set	monthly
Electroliser	15 "	"
Gas washer	0.5 "	"
Flour mill	100 "	"
Alcohol fine distiller	1.0 "	"
Various pumps	5.0 "	"
Salt	125 tons	"

3. 1946 - 1947

Hull Department	1946	1947	
Trawler	About 400 G/T (4 ships)	About 700 G/T (7 ships)	"
"	" 500 G/T (2 ships)	" 750 G/T (3 ships)	"
Repairing of ships	40000 G/T	40000 G/T	"

Engineering Department

Flour mill	5 sets	per month
Small crushing with electric motor	200 "	"
Wood working machinery	5 "	"
Small motor 7.5 HP	150 "	"
Agricultural machine tool		
Salt	2570 tons	per year

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Mitsui Shipbuilding & Engineering Ltd. TAMA.

Chemical Machinery Manufacturing Department

Gas generating plant	0.5	set	monthly
Electrolizer	15.0	"	"
Gas washer	0.5	"	"
Ammonia synthetic apparatus	0.2	"	"
Desulphurising plant	0.2	"	"
Sulphenic acid apparatus	0.1	"	"
Alcohol fine distiller	3.0	"	"
Rayon plant	0.1	"	"
Coke oven (Automatic cokes charger)	1.0	"	"
Part of Cement machinery	0.2	"	"
" " minning machinery	0.2	"	"
Baking oven	100.0	"	"
Mill	30.0	"	"
Blower	2.0	"	"
Compressor	1.0	"	"
Filter	1.0	"	"
Pumps and valves	3.0	"	"

MISCELLANEOUS:

Salt	2,570 Tons	per year

C. NUMBER OF EMPLOYEES: (As of Dec. 31, 1945)

1. WAR TIME

	1941	1942	1943	1944	1945
Clerical & Technician	978	1219	1637	1919	1916
Workers	5628	8557	12201	13911	9548
Total	6606	9776	13838	15830	11564

2. AT PRESENT

Clerical & Technician		1554	
Workers	Male	3568	3986
	Female	412	
	Total		5540

3. 1946 & 1947

	1946	1947
Hull Department	2000	2800
Engineering Department	1800	1800
Chemical Machinery Mfg. Dept.	860	860
Total	4740	5560

6. SPECIFICATIONS ATTACHED HEREWITH:

7. PRESENT STOCKS OF RAW MATERIALS, SUPPLIES, AND UNFINISHED GOODS:

(A) Raw materials and supplies:-

DESCRIPTION	QUANTITY
Steel	20,981 Tons
Special steel	576 "
Pig-iron	25 "
Copper	30 "
Scrap iron	10 "
Wood	5,190 Cubic metres
Coal	120 Tons
Light oil	35 "
Cokes	210 "
Carbide	329 "

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(B) Unfinished goods:-

DESCRIPTION		QUANTITY
Ballast pump	S.S.3 B	58 sets
"	S.S.D.	44 "
30 KW steam dynamo		163 "
Main condenser for	SS2A	11
Aux.	"	5 "
Feed heater	"	18
Oil cooler	"	15 "
Boiler No.2 type		8 "
5000 HP main engine		5 "
750 HP "		3 "
Main condenser for	SS3B	6 "
Aux.	"	6 "
Feed heater	"	6 "
Oil cooler	"	6 "
Boiler No.5 type	"	4 "
Windlass for 150 T tug-boat		7 "
Water gas generating plant		2 "
Gas generating plant		2 "
Electroliser		85 "
Flour mill		100
Alcohol fine distiller (for drink)		28 "
CO2 gas washer		5 "
Evaporator for salt		2 "
Ammonia synthetic apparatus		1 "
Tylox desulphurising plant		1 "
Automatic cokes changer		1 "
Various pumps and valves		6 "
Internal combustion engine No.22 10 type		5 "
Ballast pump	36 Tons	50 "
"	48 "	25 "
"	72 "	20 "
"	96 "	7 "
Oil heater	5 M3	124 "
"	10 "	56 "
Pump		48 "

8. PRESENT STOCKS OF FINISHED GOODS:

Marine internal combustion engine No.22 10 type	3 sets
Waporater	13 "
Oil heater	6 "
Ballast pump for SSB.	4 "
30 KW steam dynamo	2 "
Boiler type No.5	4 "
Propeller for trawler (150T)	1 ship
Evaporator for salt	8 sets
Evaporator	10 "
CO2 gas washer	1
Alcohol fine distiller	4 "
Boiling oven	1 "
Air separator of feed water	2 "
Rotary cooler	1 "
Rotary dryer	1 "

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9. PRESENT STOCKS OF FUEL:

DESCRIPTION	QUANTITY
Coal	120 Tons
Cokes	210 "
Light oil	35 "

10. ADDITION MACHINERY AND EQUIPMENT NEEDED FOR MAXIMUM PRODUCTION 1946 - 1947: Nil

11. RAW MATERIALS AND SUPPLIES REQUIRED (MONTHLY):

(a) For present production (5B-2)

DESCRIPTION	QUANTITY
Steel	469 Tons
Special steel	950 Kg.
Pig-iron	117.6 Tons
Cast iron	36.8 "
Forged steel	60.9 "
Copper	35.0 "
Scrap iron	10.0 "
Wood	17,100 cub.ft.
Coal	1200 Tons
Cokes	210 "
Light oil	15 "
Carbide	1500 Tins

(b) For maximum

DESCRIPTION	QUANTITY
Steel	860 Tons
Special steel	1.95 "
Pig-iron	255 "
Cast iron	71 "
Forged steel	123 "
Copper	40 "
Scrap iron	30 "
Wood	19,500 cub.ft.
Coal	1500 Tons
Cokes	300 "
Light oil	18 "
Carbide	2100 Tins

12. FUEL REQUIRED MONTHLY:

DESCRIPTION	QUANTITY
Coal	1450 Tons
Cokes	230 "
Light oil	15 "

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13. ADDITIONAL PERSONNEL REQUIRED:

		1946	1947	
Hull Department	Worker	940	1740	
Engineering Dept.	"	300	300	
Chemical Machinery Mfg. Dept.	"	150	150	Technician 5
	Total	1390	2190	5

14. PRICES: (Given current selling prices in Yen of principal products)

DESCRIPTION	PRICES IN YEN	
New construction of fishing boat	¥ 10,000	per ton
Repair of merchant	70	"
Ballast pump for S.S.B.	13,340	
" " S.S.D.	8,625	
Main condenser for S.S. 3 B.	45,000	
Aux. "	30,000	
Feed heater "	13,000	
Oil cooler "	25,000	
Boiler No.5 type "	71,000	
Propeller for S.S. 3 B.	18,000	
Roller for flour mill	3,000	
Propeller for tug-boat (150 tons)	2,800	
" (70 ")	1,800	
" S.S. 3 D.	38,500	
Flour mill Capacity 2000 Barrels	800,000	
Small flour mill	6,000	
Wood working machine	30,000	
Diesel engine for finshing boat	175,000	
Small motor	4,000	
Salt	750/800	per ton

	UNIT	
Gas generating plant	1 set	5,000,000
Electroliser	1	7,000
Gas washer	1	150,000
Ammonia synthetic apparatus	1	3,000,000
Desulphurising plant	1	4,800,000
Sulphenic acid distiller	1	50,000
Alcohol fine distiller	1	20,000
Rayon plant	1	2,500,000
Coke oven (automatic cokes changer)	1	46,000
Parts of cement machinery	1	2,500,000
" minning machinery	1	1,000,000
Baking oven	1	10,000
Evaporator for salt	1	3,000,000
Flour mill	1	5,500
Blower	1	50,000
Compressor	1	50,000
Filter	1	30,000
Pumps	1	80,300
Valves	1	50,000-30,000

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Mitsui Shipbuilding & Engineering Ltd. TAMA.

HULL DEPARTMENT

EQUIPMENT FOR SHIP BUILDING AND REPAIRING

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
Hydraulic pump	Single 3 100 Kg/cm2	1	Kobe Seikosho
"	Double 3 100 Kg/cm2	1	Osaka Jukogyo K.
Centrifugal pump	Dia. 32 m/m	1	Unknown
"	38 "	1	Rokuoh Seisakusho
"	100 "	1	Hirayama Kogyosho
"	100 "	1	Heishin Seisakusho
"	200 "	1	Shintoh Pump
TURBIN PUMP	50 "	1	Unknown
"	100 "	1	"
"	150 "	1	"
Air compressor	7 Kg/cm2 30 Cft/min.	1	Tokyo Kiki Seisakusho
"	500 "	1	Mayebata Kikai K.
"	"	1	Takahashi Zosen Tekko
"	"	1	Fujimura Kikai K.
"	"	2	Okamoto Kosakusho
"	"	1	Sullivan
"	250 "	1	Okamoto Kosakusho
"	" 1000 "	5	Sullivan
"	" "	1	Chicago Marine Tool
"	1500 "	1	Fujimura Kikai K.
"	" "	2	Okamoto Kosakusho
"	" 3000 "	2	Fujiwara Seisakusho
"	300 Kg/cm2	1	Ishikawa Ship Yard
Hydraulic press	17 tons	1	Tsuchikura Tekkosho
"	35 "	1	Unknown
"	"	1	Sumitomo Chukosho
"	140 "	1	Unknown
"	200 "	1	Osaka Jukogyo K.
"	300 "	1	Suga Suiatsu Ki K.
"	350 "	1	Kondo Tekkosho
"	"	1	Nozato Tekkosho
"	"	1	Kobe Seikosho
Crank press	100 tons	1	Osaka Kikai Seisakusho
Friction press	13	1	Unknown
"	38	1	"
Hydraulic press	13 tons	1	Ujigawa Tekkosho
"	17 "	1	Tsuchikura Tekkosho
Bending roller	5 X 1600	1	Mitsui Tamano Works
"	13 X 2440	1	Unknown
"	25 X 2440	1	Toa Tekkosho
"	2480	1	Mitsui Tamano Works
"	3160	1	Imagawa Kikai K.
"	32 X 9150	1	Hase Tekkosho

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Mitsui Shipbuilding & Engineering Co., Ltd. TAMA.

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
Straightening roller	1560	1	Hills & Johnes
"		1	Nippon Press K.
Fan	200	1	Mitsui Tamano Works
"	"	1	Unknown
"	240	1	Mitsui Tamano Works
"	"	1	Unknown
"	305	2	"
Winch	15 HP	2	Goto Kikai K.
"		1	Nippon Kokan K.K.
"	3000 Kg.	2	Goto Kikai K.
Bevelling machine		1	Unknown
"		1	Mitsui Tamano Works
Coal sender	0.5 HP	10	Minorigawa Seisakusho
Capstan	5 Tons	1	Unknown
Beambender	150	1	Cleveland
Angle cutter & beam bender	150X150X20	1	Osaka Kikai K.
Punching shearing angle cutter	760(gap)32X610	1	Imagawa Kikai K.
Double punching & shearing machine	760 (gap)	1	Unknown
"	915 "	1	Toa Tekkosho
"	1065 "	1	"
Edge planer	9150 m/M	1	"
"	12200 "	1	Mitsui Tamano Works
Double scarphing machine	20 HP	1	Koyeisha
"	457 m/m	1	Toa Tekkosho
Gap shear	20 X 1220	1	Imagawa Kikai K.
"	38 X 1830	1	England make
Punching shearing machine	790X305	1	Jones Burton Co.
"	790X405	1	Unknown
"	915X510	1	Sumidagawa Tekkosho
Double shearing machine	1300X510	1	Lion U.S.A.
Countersunk drilling m/c	50X3280	2	Unknown
Rotary shear		1	Quickwater Co.
Keel bender	20X7620	1	Hase Tekkosho
Rotary beambender	40 HP	1	Onoye Tekkosho
Beading machine	3X2000	1	Tatsumi Kosakusho
"	3000	1	Mitsui Tamano Works
Double header	22	3	Unknown
Wire drawing machine	38	1	"
"	45	1	"

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Mitsui Shipbuilding & Engineering Co., Ltd. TAMA.

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
Nail machine	19	1	Unknown
"	38	1	"
"	65	1	"
"	90	1	"
"	150	1	"
Bar cutter	19	2	"
Cokes crusher	150 m/m	1	Mitsui Tamano Works
Coal crusher		1	Unknown
Stone crusher	200Kg/inc.	1	"
Ball mill	700 m/m	1	"
"	1300 "	1	"
Mixer		2	Fukai Tekkosho
Rivet press	10	2	Unknown
Gasoline engine	40 HP	1	Boda
Air hammer	1/4 Tons	1	Osaka Kyohand Seisaku
Wire cutter	6 m/m	2	Todoroki Kojo
Screw cutting machine	8	4	Unknown
"	22	10	"
High frequency generator	20 KVA	1	Seidensha
" " furnace		1	Unknown
Electric welder	ABA 10 KW	6	Nippon Yakin, Osaka Denki K.
"	" NEN 15 KW	40	"
"	" E 15 "	1	"
"	" N 15 "	131	"
"	15 "	79	"
"	15 "	15	"
"	30 "	8	"
"	30 KVA	10	Shibaura
"	KNM 34 "	11	Hermes
"	KN-300 26KVA	5	"
"	WPAC 29 "	6	Hidachi Seisakusho
"	" 34 "	6	"
"	AW-N 25 "	12	"
"	" 24 "	50	"
"	" 35 "	18	"
"	" 36 "	24	"
"	30 "	16	"
"	15 KW	8	"

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Mitsui Shipbuilding & Engineering Co., Ltd. TAMA.

MOTORS AND PUMPS HULL DEPARTMENT:

NAME OF MACHINERY	CAPACITY	QUANTITY
3 phase induction motor (spare for machine tools)	15 HP 220V	1
3 phase induction motor (spare for crane motor)	15 HP	2
3 phase induction motor (spare for compressor)	50 HP	1
3 phase induction motor (spare for roller)	15 HP	1
3 phase induction motor (spare for rotary beam bender)	10 KW	1
"	15 HP	1
3 phase induction motor (Spare for compressor)	500 HP	1
"	50 HP	1
"	300 HP	1
"	220 HP	1
3 phase induction motor (Spare for straightening roller)	40 HP 220V	1
3 phase induction motor (Spare for crane motor)	30 KW 220V	1
"	7.5 KW 220V	1
3 phase induction motor (for exciter)	20 HP	2
"	15 HP	2
3 phase induction motor (spare for compressor)	300 HP	3
"	200 HP	4
Centrifugal pump	3"	1
"	2"	1
"	2.1/2"	1

(Addition to "Equipment for shipbuilding & repairing Hull Department")

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Mitsui Shipbuilding & Engineering Ltd. TAMA.

HULL DEPARTMENT

EQUIPMENT OF CARPENTER'S SHOP

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
Band saw machine	36"	2	Akita Mokko Kikai K.
"	30"	1	Hamanaka Seisakusho
"	"	1	Uroko Seisakusho
"	42"	1	Ohashi Keitei Kojo
"	"	1	Aki Mokukikai
"	"	4	Masaki Tekkosho
"	44"	1	Hosota Shoji K.
"	4'	1	Yamadafusa Shoten
"	6'	1	Aki Mokukikai
Circular saw machine	12"	1	Uroko Seisakusho
Wood planer	20"	1	Unknown
"	24"	1	Kikukawa Tekkosho
"	18"	1	Okada Shoten
"	24"	1	Uroko Seisakusho
"	"	1	Okada Shoten
"	18-20"	1	H.B.Smith Machine Co.
"	24"	1	Kikukawa Tekkosho
"	"	1	Ohashi Keitei Kojo
"	8"	1	Uroko Seisakusho
"	10"	1	Unknown
"	12"	2	Nippon Mokko Kikai
"	8"	1	Unknown
Wood lathe	6"	2	Unknown
"	"	2	Komasawa Tekkosho
"	8"	1	Uroko Seisakusho
Miscellaneous machines		1	Nippon Mokko Kikai
"		1	Uroko Seisakusho
		2	Unknown
Band saw machine	610 m/m	1	Uroko Seisakusho
Wood planer	200 "	1	Togami Denki K.

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Mitsui Shipbuilding & Engineering Co., Ltd. TAMA.

ENGINEERING DEPARTMENT FOR RAW MATERIALS
EQUIPMENT OF
PATTERN SHOP, FOUNDRY SHOP & FORGING SHOP

NAME OF MACHINERY	USE	CAPACITY	QUANTITY	MANUFACTURER'S NAME
Electric furnace	Common use	5 tons	1	Ushio Seisakusho
"	For ship construction	2 "	1	Volta Co.
"	Common use	0.2 "	1	Toka Denkiro K.
Cupola	For machine production	3 "	1	Mitsui Tamano Works
"	"	4 "	1	"
"	"	7 "	1	"
"	Common use	5 "	1	"
Drying furnace	For machine production	4mX5mX6m	2	"
"	For ship construction	"	1	"
"	For m/c prod.	2.5X5.5X2.5	1	"
Anealing furnace	Common use	2.5X2.5X2.5	1	"
"	For repair	1.5X2.5X1	1	"
"	" m/c prod.	"		
Moulding machine	For m/c prod.	380 mmX290mm	4	Kubota Tekkosho
"	Chemical m/c	"	1	"
Grinder	Common use	20"	1	Sankoh Kogyosho
"	m/c prod.	"	1	
Hack saw machine	Common use	2½"	1	Sakai Seisakusho
"	m/c prod.	20"	1	Tairiku Tekkosho
Mixer	For repair	Dia.2M	1	
"	m/c prod.	"	4	Sankoh Kogyosho
"	Common use	"	2	"
Air blower	m/c prod.	150 M³/min.	1	Hidachi Seisakusho
"	Common use	140 "	1	Yasuda Seisakusho
"	m/c prod.	120 "	1	Origire Co.
"	"	15 HP	1	Hidachi Seisakusho
Sand blast	Common use	10'X9'X7'	1	Tairiku Kikai K.
Tumbler	"	800mm X 1000	1	"
Ladle	m/c prod.	1 ton		Mitsui Tamano Works
"	Common use	2 "		"
"	m/c prod.	3 "		"
"	Chem.machine	6 "		"
"	Common use	10 "		"
"	m/c prod.	2.7 "		"
"	Chem.machine	"		"
"	for repair	"		"
"	Common use	3.5 "		"
"	m/c prod.	8 "		"
"	Chem.machine	"		"

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Mitsui Shipbuilding & Engineering Co., Ltd. TAMA.

NAME OF MACHINERY	USE	CAPACITY	QUANTITY	MANUFACTURER'S NAME
Hydraulic press	M/c prod.	1000 Tons	1	Shibaura Kyodo K.
Steam hammer	Common use	1 "	1	Kokura Tekkosho
"	"	3 "	1	Teikoku Chukoh K.
"	M/c prod.	1.1/2 "	1	Massilon Fdy.
"	Common use	3/4 "	1	Unknown
"	M/c prod.	"	1	
"	Common use	1/2 "	1	Koa Shokai
"	M/c prod.	"	1	
"	"	1/4 "	1	Unknown
Air hammer	"	1/2 "	1	Osaka Kikai K.
"	Common use	"	1	Murayama Kikai K.
Boiler	"	8' X 30'	1	Noma Tekkosho
"	M/c prod.	"	1	Mitsui Tamano Works.
Heating furnace	For repair		2	"
"	M/c prod.		7	"
"	Chem. machine		3	"
Annealing furnace	Common use	15 tons	1	"
"	M/c prod.	40 "	1	"
Winch	Common use	2 "	2	"
Air blower	M/c prod.	1300 cc/min.	1	Ohta Juyuro K.
Crane	Common use	3 tons	1	Hidachi Seisakusho
"	"	3 "	1	"
"	"	5 "	1	Ishikawajima Ship Y.
"	M/c prod.	5 "	1	"
"	"	10 "	2	"
"	Common use	15 "	1	Hidachi Seisakusho
"	"	20 "	1	Ishikawajima ShipY
"	"	35 "	1	Mitsubishi Jukogyo
"	M/c prod.	30 "	1	Sumitomo Kinjoku
"	Common use	50 "	1	Hidachi Seisakusho
Drilling machine	"	1.1/4"	1	Unknown
Circular saw machine	M/c prod.	18"	1	
Band saw machine	"	36"	1	Ohashi Keitei Kojo
"	Common use	"	1	"
Wood planer	"	24"	1	Unknown
"	"	14"	1	"
Wood lathe	"	5'	1	Nippon Mokko Kikai
"	M/c prod.	"	1	"
"	"	6'	3	Mitsui Tamano Works
"	For repair	"	1	"
"	Common use	8'	1	"
"	"	12'	1	"
Special lathe	M/c prod.	40"	1	"
Milling machine	"	31"X34"	1	Kikukawa Tekkosho

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Mitsui Shipbuilding & Engineering Ltd. TAMA.

ENGINEERING DEPARTMENT FOR ENGINE WORKS

EQUIPMENT OF MACHINE SHOP NO.I.

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
Lathe	6'	11	Wakayama Tekkosho
"	"	10	Osaka Kikai Seisakusho
"	4'	3	Hokuriku Kikai Kogyo K.
"	8'	2	Fuji Seisakusho
"	"	5	Toyo Kikai
"	14'	3	Johngran
"	"	1	Ikegai Tekkosho
"	18'	1	"
"	"	2	Johngran
"	20'	1	Mayeda Seimitsu Kogyo K.
"	"	2	Henry Broadbent
"	24'	1	"
"	30'	1	Ikegai Tekkosho
"	39'	1	Halse
"	60'	1	Wakayama Tekkosho
Turret lathe	2A	1	Warners Wedge
"	No. 3	1	"
"	"	2	Teiboku Seimitsu Kogyo K.
"	"	2	Kokusan Seimitsu K.
"	No.2	1	Hidachi Seimitsu K.
"	"	2	Hirano Seisakusho
Vertical lathe	12'	1	Kojima Tekkosho
"	8'	1	Betts
"	6'	1	Gisholt
"	50"	2	Kisha Seizo K.K.
Boring machine	90 m/m	1	Wakayama Tekkosho
"	580 "	2	Toa Tekkosho
"	760 "	1	Ohsumi Tekkosho
"	914 "	3	Karatsu Tekkosho
"	130 "	1	Tama Ship Yard
"	"	1	Shibaura Kohsakusho
"	1220 "	1	Wakayama Tekkosho
"	"	1	Hirano Seisakusho
Radial drilling m/c	8'	1	Raboma
"	7'	2	Asquith
"	1750 m/m	3	Wakayama Tekkosho
"	1725 "	2	Ikegai Tekkosho
"	1500 "	2	Wakayama Tekkosho
Vertical drilling m/c	642 m/m	2	Yoshida Tekkosho
"	320 "	1	Tamano Ship Yard
"	460 "	1	Bohshoku Seizosho
Jig boring machine		1	Mitsui Seiki Kogyo K.K.
Screw cutting machine	1¼"	3	Harada Kikai Seisaku K.K.

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Mitsui Shipbuilding & Engineering Co. Ltd. TAMA.

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
Hobbing machine	2200 m/m	1	Lorenz
"	1060 "	1	Sonoji Seisakusho
"	850 "	1	Nitta Seisakusho
"	360 "	1	Kashitoh Tekkosho
Bevel gear cutting m/c	18"	1	Gleason
Planer	24"	1	Shibaura Kohsakusho
"	12"	1	Matsumoto Chuzo K.
"	14"	1	"
Shaper	24"	3	Chiba Seisakusho
"	1800 m/m	1	Shibaura Kohsakusho
Slotting machine	740 m/m	1	Nippon Jukogyo K.K.
"	533 "	1	Hulse
"	330 "	1	Hidachi Kosaku K.K.
"	310 "	1	Osaka Kikai K.
"	228 "	1	Ranno Kikai K.
"	230 "	1	Fujita Tekko K.
" (Horizontal)	220 "	1	Masuda Kikai K.
Horizontal Cylindrical grinding machine	1030 m/m	1	Naxos Union
"	360 "	1	Norton
Tool grinding machine		2	Foreign make
Surface grinding m/c	737 m/m	1	Billeter
Centreless grinding m/c	60 "	1	Nippon Kenma K.
Gear grinding machine	300 "	1	"
Cam grinding machine	460 "	1	Reinecker
Universal grinding m/c	305 "	1	Hayashi Tekkosho
"	400 "	1	Cincinnati
Internal grinding m/c	200 "	1	Kellenberger
"	1000 "	1	Tamano Ship Yard
Plain milling machine	No. 4	1	Cincinnati
"	No. 2	1	Milwaukee
Vertical milling machine	No. 4	1	Cincinnati
"	"	1	Hirano Seisakusho
"	No. 3	1	Cincinnati
"	"	1	Showa Kohki K.
"	No. 5	2	"
"	No. 2	4	Milwaukee
"	"	1	Hidachi Kosaku K.

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Mitsui Shipbuilding & Engineering Ltd. TAMA.

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
Universal milling m/c	1016 m/m	1	Karatsu Tekko K.
"	1220 "	1	Muir
Crank pin lathe	1650 "	1	Tamano Ship Yard
Portable drilling m/c		1	Japan make
Gear wrapping machine	500m/mX254m/m	1	Okamoto Seisakusho
Over head crane	10 Tons	1	Hidachi Seisakusho
"	15 "	1	"
"	50 "	1	"

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Mitsui Shipbuilding & Engineering , Ltd. TAMA.

ENGINEERING DEPARTMENT FOR ENGINE WORKS

EQUIPMENT OF ERECTING SHOP

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
Over head crane	5 Tons	2	Ishikawajima
"	10 "	1	"
"	10 "	1	Sumitomo Kikai
"	15 "	1	Showa Kikai
"	30 "	1	Sumitomo Kikai
"	75 "	1	Ishikawajima
"	80 "	1	"

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Mitsui Shipbuilding & Engineering Co., Ltd. TAMA.

ENGINEERING DEPARTMENT FOR ENGINE WORKS

EQUIPMENT OF LABORATORY

NAME OF MACHINERIES	CAPACITY	QUANTITY	MANUFACTURER'S NAME
Transformer	50 KVA.	1	
D.C.Motor Generator	5 KW	1	
"	3.5 "	1	
Universal testing machine	Olzen type 50 Tons	1	Olsen (Common use with Chemical Machinery Dept.)
"	Olzen type 100 Tons	1	Akashi Seisakusho
"	Amsler type 10 Tons	1	Tokyo Kohki Seisaku
"	" 50 Tons	1	Shimadzu Seisakusho
Impact testing machine	Sharpy type 30 Kg.M	1	"
"	Izot type 16.6 Kg.M	1	"
Hardness tester	Brinell type 500-3000 Kg.	1	" (Common use with Chemical Machinery Dept.)
"	" 500-5000 Kg.	1	J.W.Jackson, England
"	VICKERS type 120 Kg.	1	Akashi Seisakusho (Common use with Chemical Machinery Dept.)
"	Rockwell type 150 Kg.	1	Shimadzu Seisakusho (Remarks as above)
"	Shore type	2	Shimadzu Seisakusho
Fatigue testing machine	100 Kg.	3	"
"	Whit Shouther type	2	
Toughness tester	Upton Lewis type 0-40 mm	1	Tokyo Kohki
Repeated impact testing machine	Matsumura type 20-50 Kg/cm.	1	Shimadzu Seisakusho
Abrasion testing machine	Amsler type	1	Tokyo Kohki
"	Sudzuki type 3-33 Kg.	1	Shimadzu Seisakusho

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Mitsui Shipbuilding & Engineering Co., Ltd. TAMA.

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
Lathe	6'	2	Toa Shokai
Shaper	350 m/m	1	"
"	250 "	1	Takeuchi Tekkosho
Milling machine	No. 3	1	Mita Tekkosho
"	No.1.5	1	Toa Shokai
Bench drilling machine		3	
Electric motor	10 HP	1	
Pressure gauge tester	SH2 20-300Kg/cm²	1	Tokyo Keiki Seisaku
"	" 50-1000 "	1	"
"	" 0.5-50 "	1	Tokyo Kiki
"	" 5-1000 Lb3/d"	1	Schuffelt & Budenberg
"	" 0.1-5 Kg/cm²	1	
"	" 0.5-30 "	1	
"	760-30 m/m	1	Tokyo Keiki
Micro Photographic apparatus for Metallography	C.Zeiss	1	Carl Zeiss
Spectro Analysis apparatus	QM-60	1	Shimadzu Seisakusho
X-ray apparatus for metal	Weltes type 300 KVA	1	" (Common use with Chemical Mach. Dept.)
X-ray apparatus for stress measurement	40 KVA	1	Shibaura Seisakusho
Photo elastisity apparatus		1	Riken Keiki
Thermo Dilatometer	Honda type	1	Naruse Kikai
Thermo Balance	"	1	Hokushin Denki
Oscillograph apparatus	B type	1	Shibaura Denki
High frequency induction furnace	3.5 KW	1	Shimadzu Seisaku
Carbon resistor furnace	30 "	1	"
Testing apparatus for oil		1	
Photo camera	Cabinet type	1	Asanuma Shokai
Microscope	Leiz type	1	Carl Zeiss
A.C.Motor	1/2 HP	2	Mitsubishi Denki

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Mitsui Shipbuilding & Engineering Ltd. TAMA.

ENGINEERING DEPARTMENT

Machine Tools for common use with chemical

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
Lathe	6' - 0"	13	Hirano
"	"	5	Fukuhara
"	8' - 0"	2	Wakayama
"	14' - 0"	1	Hirano
"	18' - 0"	1	Takizawa
Threading lathe	3' - 0"	1	Harada
Turret lathe	No. 1	1	Hirano
"	No. 2	1	"
Shaping machine	20"	1	Takeuchi
"	22"	1	"
Radial drilling machine	4' - 0"	2	Yodogawa
"	"	2	"
Milling machine	No.4	1	Hirano
"	No.0	1	Hirano
Holizontal boring mache	1220mm	1	"
Vortical turret lathe	42"	1	Ineue
Slotting machine	220mm	1	Masuda
Universal grinder	228mm	1	Kellen berger

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Mitsui Shipbuilding & Engineering Co., Ltd. TAMA.

ENGINEERING DEPARTMENT FOR ELECTRIC MACHINERY

EQUIPMENT OF ELECTRIC WORKS

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
Lathe	4'	4	Mitsui Tamano Works
"	"	1	Washino Seisakusho
"	6'	1	Shoun Kosakusho
"	8'	1	Ryerson
"	"	1	Toa Tekkosho
Boring machine	No.2	1	Tsutsuni Seikisho
Vertical milling machine	No.2	1	Riken Piston Ring Co.
"	"	1	Osaka Kikoh
Plain milling machine	No.2	1	Nomoto
Shaper	15"	1	Asano Bussan K. K.
Slotting machine	10"	1	Shibayama Tekkosho
Radial drilling machine	1.1/4"	1	Wakayama Tekkosho
Vertical drilling machine	"	1	"
"	9/16"	1	Hidachi Seisakusho
Planer	8'	1	Matsumo Chuzo Tekko K.
Hack saw machine	14"	1	Washino Seisakusho
Wood lathe		1	Kikukawa Seisakusho
Band saw machine		1	
Notching press		1	Ezaki Tekkosho
Foot shear		1	"
Square shear	Steel 1/8"	1	"
Grinder	1 X 12"	2	Hidachi Seisakusho
Winding machine		2	Shibaura Seisakusho
Binding machine		1	
Electric dryer	50A 250°C	1	Shimadzu Seisakusho
" furnace		1	Mitsui Tamano Works
Vacum dryer		1	
Surface plate for testing		1	
Spot welder	3.2 m/m X 2	1	Osaka Denki K.
Over head crane	10 Tons	1	Showa Kijuki K.
"	2 "	1	Mitsui Tamano Works

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Mitsui Shipbuilding & Engineering Ltd. TAMA.

ENGINEERING DEPARTMENT FOR REPAIR JOBS OF SHIP BUILDING

EQUIPMENT OF MACHINE SHOP NO. II

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
Lathe	8'	23	Ryerson
"	10'	1	Mitsui Tamano Works
"	12'	3	Ryerson
"	18'	1	Mitsui Tamano Works
"	"	1	Nanba Tekkosho
"	20'	2	Ryerson
"	"	1	Okumura Denki
"	30'	1	Pittsburgh M.T.
"	38'	1	Ryerson
"	48'	1	Right
Turret lathe	75 m/m	1	Alfred Herbert Ltd.
Automatic lathe	27 "	1	Cleveland
"	45 "	1	"
Vertical lathe	42"	1	Shibaura
"	8'	1	Osaka Kikai K.
Boring machine	450 m/m	1	Ikegai Tekkosho
"	88 "	1	Kisha Kaisha
"	90 "	1	Wakayama Tekkosho
"	1219 "	2	Mitsui Tamano Works
"	254 "	1	Hulse
Radial drilling m/c	6½'	1	Asquith
"	6'	1	"
"	"	1	Wakayama Tekkosho
"	4'	2	Yodogawa Kikai K.
Vertical drilling m/c	540 m/m	1	Sibley
"	630 "	1	Barnes Drill Co.
"	380 "	1	Smith & Coventry
Screw cutting machine	2"	1	Acme
"	2"	1	Mitsui Tamano Works
"	1¼"	1	Landis
Gear shaper	915 m/m	1	Fellow
Plainer	5'	1	Ohta Tekkosho
"	18'	1	Rockford
"	"	1	Toa Shoa
Shaper	480 m/m	1	Mitsui Tamano Works
"	584 "	1	Fiji Shokai
"	550 "	1	Tekeuchi Tekkosho

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Mitsui Shipbuilding & Engineering Ltd. TAMA.

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
Slotting machine	266 m/m	1	Sansei Seisakusho
"	381 "	1	Toa Shokai
"	610 "	1	Canada
Surface grinder	910 "	1	Ikegai Tekkosho
Vertical milling m/c	No.3	1	Tateyama Jukogyo K.
"	No.2	1	Kyoto Kohsakuki K.
"	No.5	1	Showa Kohki K.
Universal milling m/c	No.2	1	Cincinnati
"	"	1	Ohsono Seisakusho
"	No.3	1	Garbin
Cylindrical boring m/c	500 m/m	1	Mitsui Tamano Works
"			
Propeller boring m/c	800 "	1	"
Crank pin lathe	1300 "	1	"
Cam milling machine	660 "	1	"
Hack saw	150 "	1	Hirao Tekkosho
Circular saw machine	520 "	1	Earle
Band saw machine	455 "	1	Ohashi Shokai
Over head crane	10 Tons	2	Ishikawajima Ship Yard
"	20 "	1	"
"	35 "	1	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Mitsui Shipbuilding & Engineering Ltd. TAMA.

ENGINEERING DEPARTMENT FOR REPAIR JOBS OF SHIP BUILDING

EQUIPMENT OF COPPER SMITH

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURERS' NAME
Lathe	3'	1	Unknown
"	6'	2	Osaka Kikai K.
"	"	2	Asahi Tekkosho
Radial drilling machine	1725 m/m	1	Wakayama Tekkosho
Vertical drilling machine	480 "	1	Yoshida Tekkosho
Screw cutting machine	2"	1	Fuji Tekkosho
Friction press	1000 m/m	1	Unknown
Punching machine	30 "	1	"
Edge planer	1 "	1	Tokyo Bankin Kikai K.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Mitsui Shipbuilding & Engineering Ltd. TAMA.

ENGINEERING DEPARTMENT FOR REPAIR JOBS & SHIP BUILDING

EQUIPMENT OF BOILER SHOP

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
Lathe	6'	1	Osaka Kikai
"	"	1	Ishihara Tekkosho
"	8'	1	Toa Kosakusho
"	"	1	Toa Shokai
"	10'	1	Ryerson
Radial drilling machine	3'7"	1	Osaka Kikai
"	5'	1	Okazaki Sangyo K.
"	"	1	Cincinati
"	"	1	Unknown
"	6'	1	Yodogawa Kikai K.
"	8'	3	Toa Kinzoku Kogyo K.
"	10"	1	"
Vertical drilling machine	1"	1	Yoshida Tekkosho
"	1.5/8"	1	Unknown
Shaper	500 m/M	1	Sanuki Tekkosho
Edge planer	25'	1	Unknown
"	30'	1	Uyeda Tekkosho
Bending roller	14'	1	Unknown
"	8'	1	"
Hydraulic rivetter	13'X6' 100 Tons	1	:: Cormin Work
Hydraulic press	50 "	1	Unknown
"	80 "	1	:: Osaka Hase Tekkosho
"	150 "	1	:: Unknown
Punching & shearing machine	2'6"	1	Okamoto Tekkosho
Over head crane	5 Tons	1	Hidachi Seisakusho
"	10 "	1	Ishikawajima Ship Yard
"	20 "	1	Hidachi Seisakusho
"	25 "	1	Ishikawajima Ship Yard

N.B. :: mark:- Common use with Chemical Machinery Dept.

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Mitsui Shipbuilding & Engineering Co., Ltd. TAMA.

NAVAL BOAT FITTING OUT DEPARTMENT

(Machine tools kept up in Erecting Shop as stocks.)

NAME OF MACHINERY	CAPACITY	QUANTITY	MANUFACTURER'S NAME
Lathe	4'6"	3	Shimamoto Tekkosho
"	5'	30	Miyahara Tekkosho
"	6'	15	Hashizaki Tekkosho
"	7'	2	Nakai Shokai
"	"	3	Ishihara Tekkosho
"	8'	17	Ryerson
"	"	4	Toa Shokai
"	"	10	Hashizaki Tekkosho
"	"	1	Hamamoto Seisakusho
"	10'	7	Ryerson
"	12'	1	Nippon Tekko K.
"	30'	1	Okumura Denki
"	8'	1	Unknown
Radial drilling machine	1270 m/m	1	Toa Shokai
"	1425 "	3	Osaka Kikai
"	1870 "	1	Cincinnati
"	"	1	Western Tool
"	8'	2	Toa Kinzoku K.
Vertical drilling machine	550 m/m	1	Sibley
"	685 "	1	Unknown
Boring machine	65 "	2	Itoh Seisakusho
"	No.3	1	Toa Kinzoku
Vertical lathe	50"	1	Inouye Kogyo
Screw cutting machine	200 m/m	2	Sanki
Planer	12 feet	1	Fuji Shokai
Shaper	430 m/m	1	"
"	24"	1	"
"	400 m/m	1	Lee & Hunt
Slotting machine	228 "	1	Ranno Kikai
"	165 "	1	Sansho Seisakusho
Horizontal cylindrical grinder	164 "	1	Ikegai Tekkosho
Plain milling machine	No.1	1	Okumura Denki
Vertical milling machine	No.1	1	Alfred Herbert
"	No.2	2	Toa Shokai
"	No.3	2	Tachiyama Jukogyo K.
"	No.4	1	Hirano Seisakusho
Cam grinder	4"	1	Mayeda Kosaku
Key seater	450 m/m	1	Nihama

Total 127

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Mitsui Shipbuilding & Engineering Co. Ltd. TAMA.

CHEMICAL MACHINERY MANUFACTURING DEPARTMENT

6. Machinery and equipment in plant.

a) Machinery

description	type	size	use	maker	quantity
Lathe	normal type motor driven	4' 0"	general use	Miken kogyo	2
"	"(without lead screw)	6' 0"	"	Shimamoto	2
"	"	"	"	Wakayama	6
"	"	"	"	Hirano	4
"	"	"	"	Namba	2
"	"	"	"	Nakashima	1
"	"(without lead screw)	"	"	Mitsubishi	1
"	"	7'-0"	"	Wakayama	2
"	"	8'-0"	"	Hirano	2
"	"	"	"	Masuda	2
"	"	"	"	Yamato	1
"	"	12'-0"	"	Osaka kikai	2
"	"	18'-0"	"	"	1
"	belt driven	6'-0"	for consitvuction field	Hirano	1
"	"	8'-0"	"	Myerson U.S.A.	13
"	"	10'-0"	"	"	2
"	"	12'-0"	"	"	2
Relieving lathe	motor driven	8'-0"	tool	Hatano seike	1
"	"	16'-0"	"	Henday	1
Turret lathe	"	6'-0"	general use	Warner&Swasey	2
Vertical lathe	"	12'-0"	"	Ishii iron work	1
"	"	60"	"	Hibi iron work	1
"	"	42"	"	Inoue kogyo	1
Thread cutting lathe	"	3'-0"	threading	Harada	3
Horizontal boring machine	" table type	No3	boring ' surfacing	Iwanaka	1
"	" "	No1	"	Toa iron work	1
"	" "	No4	"	Hirano	2
"	"floor type	No5	"	Wakayama	1
Drilling machine radial	motor driven	2.0m	general use	Haboma	4
"	"	6'-0"	"	Yodokawa	2
"	"	4'-0"	"	"	2
"	"	"	"	Shindo	1
"	"	"	"	"	1
"	2-spindle	"	"	Toa	1
"	multi-spindle	"	"	Excello	1
"	upright	32mm	"	Toa	3
"	"	1/2 H.p.	"	Kyowa	4
"	"	"	"	Maeda	1
"	"	"	"	Yoshida	1
"	for construction field	"	"	Barness	1
Planing machine	motor driven	12'-0"	"	Shikishima	1
"	belt driven	8'-0"	"	unknown	1
Edge planer	motor driven	23'-0"	plate work	Kubota	1
"	"	30'-0"	"	"	1
Shaping machine	"	20"	general	"	

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Mitsui Shipbuilding & Engineering Co., Ltd. TAMA.

DESCRIPTION	TYPE	SIZE	USE	MAKER	QUANTITY
Shaping machine	moter driven	20"	general use	Toa	2
"	"	12"	"	Settsu	1
Slotting machine	"	11 3/4"	"	Iwamoto	1
"	"	6"	"	Masuda	1
Pipe cutter	"	up to 150mm	pipe cut	Shiess	1
Pipe threader	"	up to 3 "	"	Toa	1
Hack saw		16"	bar cut	Washino	2
Milling machine	horizontal	No2	general use	Milwaukee	1
"	"	"0	"	Cincinati	1
"	"	"2	"	Tateyama	2
"	universal	"2	"	Teikoku seimitsu	1
"	"	"0	tool	Shinko	1
"	vertical	"1	general use	Enshukikai	2
"	"	"2	"	Milwaukee	1
"	"	"2	"	Iwasa	2
"	"	"3	"	Showakoki	1
"	"	"4	"	Hirano	1
"	"	"1	"	Kyoto Kosakuki	1
"	"	"2	"	Osaka kiko	1
Gear cutting machine	hobbing	500mm	gear cut	Hirano	1
"	"	20"	"	Harada	1
Grinding machine	universal	12"	general use	Norton	1
"	"	No2	"	Imaisumi	1
"	horizental screw thread for snap gauge profile	"	"	Tanimura	1
"	"	"	"	Washino	1
"	"	"	"	Toyo seiki	1
"	tool	18"	"	Washino	1
"	bench	8"	"	Kubo	4
"	tangalloy tool	4 1/2"	"	Chuo denki	4
"	bench	1 h.p.	"	Waida	1
Bending roller	horizontal	1" x 15'	plate work	Hitachi	2
"	"	1/2" x 8'-0"	"	Ueda	1
"	"	1500mm	"	Self made	1
"	"	450mm	"	"	1
Gas cutting machine	automatic		plate cutting	Mori	2
"	portable		"	Nipponrika	2

b) Equipment

DESCRIPTION	TYPE	CAPASITY	MAKER	QUANTITY
Annealing furnace	coal burning	3.2x7.5m	Shinagawarenga	1
Crane	over head	50ton	Hitachi	1
"	"	20ton	"	2
"	"	10ton	"	2
"	"	5 ton	"	1
Sand packing machine		pipe bend	self made	1
Dieseil locomotive		30h.p	Kato work	1
Blower	turbo	2600cub.ft	Osakasofuki	1
Worthihingtonpump	horizontal	6"x4"x6"	general use	Sano iron work	2
Hydraulic pump	horizontal 3throw	150k/cm2	50h.p. Nissuisyokai	1
Water test pump	vertical 3 throw	50kb/sqcm	3h.p. Toakogyo	1
Bar cutting machine			Toashokai	1

Description	Type	SIZE	USE	MAKER	QUANTITY
Centrifugal pump	centrifugal	7cubm	room heating	Sanei pump	2
Pipebender			pipe bend	self made	1
Hoist	electric	3ton		Hitachi	3
"	"	2		"	2

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Mitsui Shipbuilding & Engineering Co., Ltd. TAMA.

DESCRIPTION	TYPE	SIZE	USE	MAKER	QUANTITY
Air reservoir	vertical	5.5cubm	pneumatic air	Kishitake	1
Wagon		5ton	transport	Nakamura Tekko	1
"		25 "	"	"	1
"		5 "	"	Self made	3
Winch	motor driven	5 h.p.	"	Toakogyo	1
"	"	15 "	"	Gokoseisakusyo	3
Drawing bench	special type	5ton	contact oven	self made	1
D. C. generator	motor generator	0.5h.p.		Kobe seiko	1
Oil separater	centrifugal	201tr/hr	waist oil	Toakocgyo	2
A.C. welder	arc.	15KW	general use	Osakadenki	79
"	"	30 "	"	& Osakahenatsuki "	1
"	"	"	"	Osakahenatsuki	1
"	flash batt	150KW	pipe	Osakadenki	3
Shearing machine	gap shear	8mm×8'	plate	Osakapress	1
"	punching shear	1 "	"	Misaki iron work	1
Folding press	oil press	300ton	"	Nissuisyokai	1
"	crank press	5h.p.	"	Misaki	1
"	air press		"	self made	5
Well pump	deep well	1/2h.p.	service water	Fujimurakikai	1
Mechanical	stoker coal sender		annealing furnace	Inamurakikai	4
Hot water boiler	special type		roomheater	self made	2
Electric transrormer		300KVA			1
"		200 "			6
"		50 "			3
Air compressor		500cub.ft.		Nabakikai K.K.	3

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Mitsui Shipbuilding & Engineering Ltd. TAMA.

OXYGEN GENERATING PLANTS

DESCRIPTION	CAPACITY	QUANTITY	MANUFACTURER'S NAME
Oxygen generating opparatus	15 cub m/hr	1	Nippon Sika
"	30 "	1	"
"	60 "	1	"
"			"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

3rd Ind

HQ 94th MILITARY GOVERNMENT GROUP APO 24, OKAYAMA, HONSHU 13 March 1946

TO: Commanding Officer, 36th Mil. Govt. Co., APO 24, Okayama, Honshu

1. Reference is made to 2nd Indorsement.

R.S. WATTS
Lt. Col., AC
SMGO

Incl: m/c

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Ltr Hq I Corps, AG 004-BA, subj: "Application of Mitsui Ship-building and Engineering Co. Limited Tamano Works, for Permission to Operate in the Production of Civilian Goods," dated 23 FEb 46.

AG 004.04 1st Ind

3 MAR 1946

Headquarters, Eighth Army, APO 343.

TO: Commanding General, I Corps, APO 301.

1. Returned for action in accordance with instruction contained in paragraph 2 Operational Directive Number 18 Headquarters Eighth Army, dated 12 February 1946.

2. A separate application for construction of new ships over 100 tons will be submitted in accordance with instructions in paragraph 3 of the above directive.

BY COMMAND OF LIEUTENANT GENERAL EICHELBERGER:

Ralph W Selby

RALPH H. SELBY
Major, AGD
Asst Adjutant General

8

AG 004 - BA 2nd Ind

M G.

GLS/jt

Hq I Corps, APO 301, MAR 11 1946

TO: CO, 94th Mil Govt Gp, APO 24

1. Reference is made to paragraph 2 of 1st Indorsement.

2. Application for construction of new ships over 100 tons will be submitted to General Headquarters, Supreme Commander for the Allied Powers through the Central Liaison Committee.

BY COMMAND OF MAJOR GENERAL HUNT:

W. A. Sweeten

W. A. SWEETEN
Lieut. Colonel, A.G.D.
Adjutant General

2 Incls:
n/c

2205 BA

BA0410

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

4/8 m

HEADQUARTERS I CORPS
APO 301 (Kyoto, Honshu)

GLS/fsn

AG 004 - BA

23 FEB 1946

SUBJECT: Application of Mitsui Ship-building and Engineering Co. Ltd. Tamano Works, for Permission to Operate in the Production of Civilian Goods.

TO: Commanding General, Eighth Army, APO 343.

1. This headquarters recommends that the above-mentioned concern be permitted to operate and authority be granted to produce the items listed under paragraph 5, III, of application.

2. This application is being forwarded to higher headquarters for approval for the following reasons:

a. Under paragraph 5, III, this plant signifies its intention of building ships of over 100 tons.

b. This concern is a Mitsui interest and is of a national character.

FOR THE COMMANDING GENERAL:

W. A. Sweeten

W. A. SWEETEN
Lieut. Colonel, A.G.D.
Adjutant General

2 Incls:
1 - Ltr Hq 36th MG Co, 11 Feb 46, same subject as above.
2 - Applications and Allied papers

8th ARMY FILE No. AG 004 Kyoto

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

36TH MILITARY GOVERNMENT
HEADQUARTERS AND HEADQUARTERS COMPANY
APO 24 (Okayama, Honshu)

MWH/dc

11 February 1946

REFERENCE: Letter of 6 November 1945, Headquarters Sixth Army, Military Government Section.

SUBJECT: Application of Mitsui Shipbuilding and Engineering Co. Ltd., Tamano Works, for Permission to Operate in the Production of Civilian Goods.

TO: Commanding Officer, 94th Mil Gov't Group, APO 310.

1. In accordance with paragraph 5 of the above reference letter, the application of the Mitsui Shipbuilding and Engineering Company is submitted for consideration.

2. The enclosed application, in duplicate, is in the form prescribed in paragraph 5 and contains all of the information required. This section has reviewed this application with the plant management and has made a survey of the shipyards as outlined on the enclosed blueprint of the Tamano works. Also enclosed are blueprints of certain shop buildings and groups of buildings envolved in this production plan. The group of buildings designated on the Tamano works print as group number 12, are those buildings in which submarines were produced. The machinery and equipment in these buildings has been removed and stored in the one building indicated on the blueprint. This group of buildings is not included in application or their present proposed production plan.

3. Concerning the shipbuilding work now being carried on in these yards, this activity is being pursued from authority contained Memorandum for the Imperial Japanese Government, reference AG 560 (28 Sept 45) ESS, dated 28 September 1945, Subject: Availability and Utilization of Non-Combatant Japanese Shipping.

4. Although the various items listed in this application for their future production plan cannot all be classed as necessary for restoration of minimum civilian requirements to avoid distress, some of the equipment being produced can be classed as important and essential to the economic and industrial welfare of the Empire as a whole. It envolves much more than the minimum requirements of this prefecture or of any specific area.

Incl 1'
975BA n/c

A-27

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

6. With this overall picture in mind, this section recommends that the application be approved and a permit issued to this company, it being one of the largest and best equipped factories of its kind in the Empire, having designing, manufacturing or repairing facilities capable of meeting any requirements.

Donald C Foster.
DONALD C FOSTER
Lt Col, CMP
Commanding

Enclosures: 1

1st Ind

HEADQUARTERS, 94th HQ & HQ DET., MIL GOVT GROUP, APO 24
KURE, HONSHU 13 February 1946.

TO: Commanding General I Corps APO 301, Kyoto, Honshu.
ATTENTION: Military Government Section

1. Forwarded for your action.

R.S. Watts
R.S. Watts
Lt. Col. A.C.
SMGO.

Incl - n/c

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

SHIPS UNDER REPAIRING AND/OR WILL BE REPAIRED IN AUG

on 31st August, 1949.

Name	Owner	Gross Tonnage	Date Comm
Completed in August			
Kuroshio Maru	Kansai Kisen K. K.	1467	25 July, 194
Koei Maru No. 13	T. Kanazawa	120	29 July, 194
Wayo Maru	Baba Kisen K. K.	7114	8 August, 1
Yodokaga Maru	Osaka Shosen K. K.	793	13 August, 1
Bisan Maru	Railway Bureau of Shikoku	1456	16 August, 1
Kosho Maru	Baba Kisen K. K.	912	18 August, 1
Matsukuni Maru No. 1	Matsuoka Kisen K. K.	887	21 August, 1
Under repairing			
Fumi Maru No. 3	Taiyo Gyogyo K. K.	312	5 August, 1
Fumi Maru No. 6	Taiyo Gyogyo K. K.	304	5 August, 1
Shinka Maru	Kuribayashi Shosen K. K.	2929	29 August, 1
Expect to repair			
Shirakamisan Maru	Mitsui Sempaku K. K.	4926	Mid-Sept., 1

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

REPAIRING AND/OR WILL BE REPAIRED IN AUGUST &SEPT. 1949.

on 31st August, 1949.

Mitsui Shipbuilding & Engineering Co.,Ltd.,Tamano Works.

er	Gross Tonnage	Date Commence	Date Complete	Remarks
K.	1467	25 July, 1949	8 August, 1949	Annual survey
	120	29 July, 1949	11 August, 1949	Occasional survey
K.	7114	8 August, 1949	18 August, 1949	Dry docking
f Shikoku	793	13 August, 1949	24 August, 1949	Dry docking
	1456	16 August, 1949	26 August, 1949	Dry docking
. K.	912	18 August, 1949	28 August, 1949	Annual survey
	887	21 August, 1949	30 August, 1949	Annual survey
K.	312	5 August, 1949	End Sept., 1949	Annual survey
K.	304	5 August, 1949	End Sept., 1949	Annual survey
en K. K.	2929	29 August, 1949	Undecided	Annual survey
. K.	4926	Mid-Sept., 1949	Undecided	Damage

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

SHIPS UNDER REPAIRING AND/OR WILL BE REPAIRED IN

on 31st July, 1949.

Name	Owner	Gross Tonnage	Date C
Unyo Maru No. 12	Nakamura Kisen Co.	956	17 July, 19
Meio Maru	Meiji Kaiun K. K.	880	14 " "
Shonan Maru	Matsuoka Kisen K. K.	2862	25 June, 19
Teshiosan Maru	Mitsui Senpaku K. K.	2152	15 July, "
Kishu Maru	Nakamura Kisen Co.	896	17 " "
UNDER REPAIRING:			
Koei Maru No. 13	Kanazawa Tokuo	120	29 July, 19
~~Kuroshio~~ Kuroshio Maru	Kansai Kisen Co.	1467	25 " "
EXPECT TO REPAIR:			
Fumi Maru No. 3	Taiyo Gyogyo K. K.	300	2 August,
Fumi Maru No. 6	"	300	"
Kosho Maru	Baba Kisen K. K.	912	18 "
Matsukuni Maru No. 1	Matsuoka Kisen K. K.	880	20 "

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

RING AND/OR WILL BE REPAIRED IN JULY & AUGUST, 1949.

on 31st July, 1949.

Mitsui Shipmuilding & Engineering Co.,Ltd.,Tamano Works.

	Gross Tonnage	Date Commence	Date Complete	Remarks
	956	17 July, 1949	22 July, 1949	Annual survey
	880	14 " "	18 " "	Dry docking
	2862	25 June, 1949	17 " "	Damage
	2152	15 July, "	15 " "	Annual survey
	896	17 " "	28 " "	Periodical survey
	120	29 July, 1949	11 August, 1949	Occasional survey
	1467	25 " "	8 " "	Annual survey
	300	2 August, 1949	Undecided	Annual survey
	300	"	"	"
	912	18 " "	"	"
	880	20 " "	"	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

SHIPS UNDER REPAIRING AND/OR WILL BE REPAIRE

on 8th July, 1949.

Name	Owner	Gross Tonnage	Da
UNDER REPAIRING:			
Takaosan Maru	Mitsui Sempaku K. K.	2167	5 July
Shonan Maru	Matsuoka Kisen K. K.	2862	25 June
EXPECT TO REPAIR:			
Meian Maru	Meikai Kisen K. K.	884	13 July
Unyo Maru No. 12	Nakamura Kisen K. K.	880	16 "
Kishin Maru	"	896	17 "
Fumi Maru No. 3	Taiyo Gyogyo K. K.	300	3 Aug.
Fumi Maru No. 6	"	300	"
Miyako Maru No. 2	Nakamura Kisen K. K.	150	End-July
Teshiosan Maru	Mitsui Sempaku K. K.	2115	Mid-July

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

NDER REPAIRING AND/OR WILL BE REPAIRED IN JUNE & JULY, 1949.

on 8th July, 1949.

Mitsui Shipmuilding & Engineering Co.,Ltd.,Tamano Works.

Owner	Gross Tonnage	Date Commence	Date Complete	Remarks
K. K.	2167	5 July, 1949	14 July, 1949	Compensation
K. K.	2862	25 June, "	17 " "	Damage
. K.	884	13 July, 1949	Undecided	Annual survey
K. K.	880	16 " "	"	"
	896	17 " "	"	"
. K.	300	3 Aug., "	"	"
	300	"	"	"
K. K.	150	End-July, 1949	"	"
K. K.	2115	Mid-July, 1949	"	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

BE REPAIRED IN JUNE & JULY, 1949.

July, 1949.

Mitsui Shipmuilding & Engineering Co.,Ltd.,Tamano Works.

	Date Commence	Date Complete	Remarks
	5 July, 1949	14 July, 1949	Compensation
	25 June, "	17 " "	Damage
	13 July, 1949	Undecided	Annual survey
	16 " "	"	"
	17 " "	"	"
	3 Aug., "	"	"
	"	"	"
	End-July, 1949	"	"
	Mid-July, 1949	"	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

SHIPS UNDER REPAIRING AND/OR WILL BE REPAIRE

on 3rd June, 1949.

Name	Owner	Gross Tonnage	Da
Under repairing:			
Kenkon Maru	Imui Kisen K. K.	873	21 May
Yuyo Maru	Morita Kisen K. K.	9866	21 Dec
Yokoh Maru	Taiyo Kogyo Co.	7284	27 May
Taisho Maru No. 1	Taiyo Suisan Co.	135	17 "
Expect to repair:			
Ayakawa Maru	Toyo Kaiun K. K.	300	25 Jun
Sorachi Maru	Mitsui Sempaku K. K.	4107	7 "
Meikai Maru	Meiji Kaiun K. K.	4500	10 "
Matsukuni Maru No. 2	Matsuoka Kisen K. K.	880	End "
Meio Maru	Meiji Kaiun K. K.	880	" "
Shinsho Maru	Baba Kisen K. K.	880	" "
Megami Maru	Kansai Kisen K. K.	174	6 "

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

PAIRING AND/OR WILL BE REPAIRED IN May & June, 1949

on 3rd June, 1949.

Mitsui Shipmuilding & Engineering Co.,Ltd.,Tamano Works.

	Gross Tonnage	Date Commence	Date Complete	Remarks
	873	21 May, 1949	22 June, 1949	Annual survey
	9866	21 Dec., 1948	18 " "	Conversion
	7284	27 May, 1949	6 " "	Annual survey
	135	17 " "	12 " "	"
	300	25 June, 1949	Undecided	Annual survey
	4107	7 " "	"	"
	4500	10 " "	"	"
	880	End " "	"	Dry docking
	880	" " "	"	Annual survey
	880	" " "	"	"
	174	6 " "	"	Dry docking

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

SHIPS UNDER REPAIRING AND/OR WILL BE REPAIRED IN M

on 6th May, 1949.

Name	Owner	Gross Tonnage	Date Com
UNDER REPAIRING			
Hassho Maru	Baba Kisen K. K.	900	12 April, 1949
Miwasan Maru	Mitsui Sempaku K. K.	975	28 April, 1949
Yuyo Maru	Morito Kisen K. K.	9867	21 Dec., "
Hikari Maru	Kansai Kisen K. K.	1000	6 May, "
EXPECT TO REPAIR			
Kishin Maru	Nakamura Kisen K. K.	896	Middle May, 19
Kenkon Maru	Inui Kisen K. K.	873	19 May, 1949
Unyo Maru No. 19	Nakamura Kisen K. K.	880	5 June, "
Ayakawa Maru	Toyo Kaiun K. K.	500	Middle June, 1
Teshiosan Maru	Mitsui Sempaku K. K.	2115	"
Takaosan Maru	"	2000	"
Shonan Maru	Matsuoka Kisen K. K.	2862	End June, 1949

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

RING AND/OR WILL BE REPAIRED IN MAY & JUNE, 1949.

on 6th May, 1949.

Mitsui Shipmuilding & Engineering Co.,Ltd.,Tamano Works.

	Gross Tonnage	Date Commence	Date Complete	Remarks
	900	12 April, 1949	8 May, 1949	Damage
	975	28 April, 1949	12 May, "	Annual survey
	9867	21 Dec., "	End June, 1949	Conversion
	1000	6 May, "	27 May, 1949	Annual survey
	896	Middle May, 1949	Undecided	Annual survey
	873	19 May, 1949	"	"
	880	5 June, "	"	Dry docking
	500	Middle June, 1949	"	Annual survey
	2115	"	"	"
	2000	"	"	Dry docking
	2862	End June, 1949	"	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

SHIPS UNDER REPAIRING AND/OR WILL BE REPAIRE

on 4th Mar., 1949

Name	Owner	Gross Tonnage	Dat
Under repairing:			
Yodokawa Maru	Osaka Shosen K. K.	883	4 Sept.
Miesan Maru	Mitsui Shipping Co	880	18 Feb.,
Choki Maru	Hoei Kisen Co.	927	11 Feb.,
Horai Maru No. 17	Horai Tanker Co.	834	13 Feb.,
Unyo Maru No. 12	Nakamura Kisen Co.	957	28 Feb.,
Koyo Maru No. 1	Koyo Kaiun Co.	519	5 Mar.,
Konohana Maru	Kansai Kisen Co.	179	19 Feb.,
Yuyo Maru	Morita Kisen Co.	9867	21 Dec.,
Hekiyo Maru	Kochiken Kisen Co.	408	28 Feb.,
Exptect to repair:			
Tokachisan Maru	Mitsui Shipping Co.	1952	17 Mar.,
Oshima Maru	"	972	10 Mar.,
Shoei Maru No. 5	Kyoei Tanker Co.	834	15 Mar.,
Unyo Maru No. 19	Nakamura Kisen Co.	880	5 June,
Ono Maru No. 14	Taiyo Kogyo Co	1278	20 Mar.,
Koan Maru No. 2	Demitsu Kosan Co.	510	Mid. Mar.
Matsunan Maru	Matsuoka Kisen Co.	2862	June,
Koyo Maru	Kochi Kisen Co.	592	End Mar.,
Kenkon Maru No. 3	Inui Kisen Co.	882	25 Oct.,
Menkon Maru	"	873	19 May,
Unyo Maru No. 1	Nakamura Kisen Co.	2039	15 Nov.,
Kishin Maru	"	896	13 July,
Unyo Maru No. 12	"	891	17 July,

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RING AND/OR WILL BE REPAIRED IN MAR. & APR. 1949

on 4th Mar., 1949.

Mitsui Shipmilding & Engineering Co.,Ltd.,Tamano Works.

	Gross Tonnage	Date Commence	Date Complete	Remarks
	883	4 Sept., 1948	4 Mar., 1949	Conversion
	880	18 Feb., 1949	29 Mar., 1949	"
	927	11 Feb., "	27 Mar., "	Annual survey
	834	13 Feb., "	8 Mar., "	Periodical survey
	957	28 Feb., "	21 Mar., "	Occasional survey
	519	5 Mar., "	24 Mar., "	Annual survey
	179	19 Feb., "	7 Mar., "	Annual survey
	9867	21 Dec., 1948	20 June, "	Damage
	408	28 Feb., 1949	Undecided	Dry docking
	1952	17 Mar., 1949	Undecided	Annual survey
	972	10 Mar., "	"	"
	834	15 Mar., "	"	Dry docking
	880	5 June, "	"	"
	1278	20 Mar., "	"	Occasional repair
	510	Mid. Mar., "	"	Annual survey
	2862	June, "	"	Dry docking
	592	End Mar., "	"	Annual survey
	882	25 Oct., "	"	"
	873	19 May, "	"	"
	2039	15 Nov., "	"	"
	896	13 July, "	"	"
	891	17 July, "	"	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

SHIPS UNDER REPAIRING AND/OR WILL BE REPAIRED IN A

on 1st March, 1949.

Name	Owner	Gross Tonnage	Date Comme
Under repairing:-			
Oshima-Maru	Mitsui Shipping Co.	970	18 Mar. 1949
Ono-Maru No.14	Taiyo kogyo K.K.	1278	25 Mar. "
Koyo-Maru	Kochi-ken kisen K.K.	592	24 " "
Hekiyo-Maru	"	408	8 " "
Tokachisan-Maru	Mitsui Shipping Co.	1951	16 " "
Shoei-Maru	Kyoei Tanker K.K.	834	18 " "
Misago-Maru	Kyodo Suisan K.K.	135	17 " "
Ono-Maru No.18	Taiyo Kogyo K.K. "	1374	1 Apr. "
Yuyo-Maru	Morita Kisen K.K.	9864	21 Dec. "
Yodokama-Maru	Osaka Shosen K.K.	883	27 Mar. "
Expect to repair:-			
Hassho-Maru	Baba kisen K.K.	884	5 Apr. 1949
Kenkon-Maru	Inui Kisen K.K. "	873	19 May "

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

AIRING AND/OR WILL BE REPAIRED IN APRIL & MAY 1949.

on 1st March,1949.

Mitsui Shipmuilding & Engineering Co.,Ltd.,Tamano Works.

	Gross Tonnage	Date Commence	Date Complete	Remarks
o.	970	18 Mar. 1949	4 Apr. 1949	Annual Survey
	1278	25 Mar. "	12 " "	"
K.	592	24 " "	11 " "	Dry-Docking
	408	8 " "	29 " "	"
o.	1951	16 " "	10 " "	Annual Survey
	834	18 " "	5 " "	Dry-Docking
	135	17 " "	8 " "	"
	1374	1 APr. "	Undecided	Occasional Survey
	9864	21 Dec. "	End June. 1949	Conversion
	883	27 Mar. "	8 Apr. "	Compensation
	884	5 Apr. 1949	Undecided	Damage
"	873	19 May "	"	Annual Survey

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

SHIPS UNDER REPAIRING AND/OR WILL BE REPAIRED IN

on 28th Jan. 1949

Name	Owner	Gross Tonnage	Date Com
Under repairing			
Teshiosan-Maru	Mitsui Shipping Co.	2153	24 Dec. 194
Yodokawa-Maru	Osaka Shosen K.K.	883	4 Sept. "
Yusho-maru	First Salvage Co.	848	16 Oct. "
Taka-Maru	Kyodo Suisan Co.	135	24 Nov. "
Miharasan-Maru	Mitsui Shipping Co.	880	19 " "
M S No. 6	Kure Mine Sweeping Office	150	9 Jan. 194
Toyu-Maru No.2	Kinkai Tanker Co.	834	27 Dec. 194
Zensho-Maru No.18	M. Masutomi	135	23 " "
M S No. 7	Kure Mine Sweeping Office	150	9 Jan. 194
Yuyo-Maru	Morita Kisen Co.	9867	21 Dec. 194
Oe san-Maru	Mitsui Shipping Co.	6892	28 Jan. 194
Expect to repair			
Yoko-Maru	Horai Tnker Co.	956	Mid.Feb. 194
Tokachisan-Maru	Mitsui Shipping Co.	1952	End Feb. "
Matsukuni-Maru No.1	Matsuoka-Kisen Co.	927	Mid. " "
Utaka-Maru	Railuay Bureau of Shikoku	540	2 " "
Unyo-Maru No.12	Nakamura Kisen Co.	880	Mid. " "
Horai-Maru No.8	Horai Tanker Co.	834	3 " "
Miesan-Maru	Mitsui Shipping Co.	880	End " "
Matsukuni-Maru No.3	Matsuoka Kisen Co.	880	" " "
Daiun-Maru No.2	Senpaku-Kodan	2581	" " "
Hekiyo-Maru	Kochi Kisen Co.	430	Beg. " "
Yoneyema-Maru	Itaya KisenCCo.	6907	End " "
Horai-Maru No.17	Horai Tanker Co.	834	3 " "

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

PAIRING AND/OR WILL BE REPAIRED IN JAN. & FEB. 1949

on 28th Jan. 1949

Mitsui Shipbuilding & Engineering Co.,Ltd.,Tamano Works.

	Gross Tonnage	Date Commence	Date Complete	Remarks
o.	2153	24 Dec. 1948	21 Feb. 1949	Dry-docking
	883	4 Sept. "	10 " "	Conversion
	848	16 Oct. "	12 " "	Annual Survey
	135	24 Nov. "	Undecided	"
o.	880	19 " "	10 Feb. 1949	Occasional survey
g Office	150	9 Jan. 1949	End Jan. "	Occasional repair
	834	27 Dec. 1948	5 Feb. "	Periodical survey
	135	23 " "	1 " "	Occasional repair
g Office	150	9 Jan. 1949	End Jan. "	"
	9867	21 Dec. 1948	" June "	Damage
o.	6892	28 Jan. 1949	3 Mar. "	Periodical survey
	956	Mid.Feb. 1949	Undecided	Occasional repaire
o.	1952	End Feb. "	"	Annual survey
	927	Mid. " "	"	Dry-docking
Shikoku	540	2 " "	"	
	880	Mid. " "	"	
	834	3 " "	"	Dry-docking
o.	880	End " "	"	
	880	" " "	"	Periodical survey
	2581	" " "	"	
	430	Beg, " "	"	Dry-docking
	6907	End " "	"	"
	834	3 " "	"	Periodical survey

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DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO.

Ship building

7/7 Ten

SHIPS UNDER REPAIRING AND/OR WILL BE REPAIRED IN JAN. & FEB. 1949

Mitsui Shipbuilding & Engineering Co., Ltd., Tamano Works.

Name	Owner	Gross Tonnage	Date Commernce	Date Complete	Remarks
Under repairing:-					
Teshiosan-Maru	Mitsui Shipping Co.	2153	24 Dec. 1948	10 Feb. 1949	Temporary repair
Yodokawa-Maru	Osaka Shosen K.K.	883	4 Sept. "	Beg, Feb. "	Conversion
Yusho-Maru	First Salvage Co.	848	16 Oct. "	12 Feb. 1 "	Annual Survey
Taka-Maru	Kyodo Suisan Co.	135	24 Nov. "	25 Jan. "	"
Miharasan-Maru	Mitsui Shipping Co.	880	19 " "	10 Feb. "	Temporary Survey
M S No.6	Kure Mine Sweeping Office	150	9 Jan. 1949	End Jan. "	"
Toyu-Maru No.2	Kinkai Tanker Co.	834	27 Dec. 1948	28 Jan. "	periodical Survey
Zensho-Maru	M. Masutomi	135	23 " "	25 " "	Temporary Repair
M S No.7	Kure Mine Sweeping Office	150	9 " "	End Jan. "	"
Yuyo-Maru	Morita Kisen Co.	9867	21 " "	20 June "	Damage
Expect to repair:-					
Horai-Maru No.8	Horai Tnker Co.	834	End Jan. 1949	Undecided	Dry-doxking
Horai-Maru No.17	"	"	" " "	"	Periodical Survey
Yokō -Maru	"	956	Beg.Feb. "	"	Boiler Survey
Oesan-Maru	Mitsui Shipping Co.	6892	26 Jan. "	"	Periodical Survey
Miesan-Maru	"	880	End Jan. "	"	Dry-docking
Tokachisan-Maru	"	1951	" Feb. "	"	Annual Survey
Matsukani-Maru No.3	Matsuoka Kisen Co.	880	" Jan. "	"	Periodical Survey
Matsukani-Maru No.1	"	880	Mid.Feb. "	"	Dry-docking
Daiun-Maru No.2	Osaka Shosen K.K.	2581	End Jan. "	"	"
Hekiyo-Maru	Kochi Kisen Co	400	Beg.Feb. "	"	"
Unyo-Maru No.12	Nakamura Kisen Co.	880	" " "	"	Compensation Work
Yoneyama-Maru	Itaya Kisen Co.	6907	End Feb. "	"	Dry-Docking
Kuroshio-Maru	Kansai Kisen Co.	496	Beg.Feb. "	"	Compensation Work

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 77 5013

Ship building

SHIPS UNDER REPAIRING AND/OR WILL BE REPAIRED IN JAN. & FEB. 1949
On 14th Jan., 1949.

MITSUI SHIPBUILDING & ENGINEERING CO.,LTD.,TAMANO WORKS.

NAME	OWNER	GROSS TONNAGE	DATE COMMENCE	DATE COMPLETE	REMARKS
Under repairing:-					
Yusho-Maru	First Salvage Co.	848	16 Oct. 1948	12 Feb. 1949	Annual survey
Taka-Maru	Kyodo Suisan Co.	135	24 Nov. "	23 Jan. "	"
Hayabusa-Maru	"	135	24 " "	17 " "	"
Niharasan-Maru	Mitsui Shipping Co.	880	19 " "	10 Feb. "	Temporary survey
M.S. 6	Kure Mine Sweep Div.	150	9 Jan. 1949	Undecided	Temporary repair
M.S. 16	"	150	28 Dec. 1948	"	"
Toyu-Maru No.2	Kinkai Tanker Co.	834	27 " "	28 Jan. 1949	Periodical survey
Zensho-Maru No.18	M. Masutami	135	23 " "	25 " "	Temporary repair
Yodokawa-Maru	Osaka Shosen K. K.	883	4 Sept. "	Beg.Feb. "	Conversion
M.S. 7	Kure Mine Sweep Div.	150	9 Jan. 1949	Undecided	Temporary repair
Yuyo-Maru	Morita Kisen Co.	9867	21 Dec. 1948	End June 1949	Damage
Teshiosan-Maru	Mitsui Shipping Co.	2153	24 " "	Mid.Feb. "	Dry-docking
M.S. 4	Kure Mine Sweep Div.	150	11 Jan. 1949	Undecided	Temporary repair
M.S. 10	"	150	11 " "	"	"
Expect to repair:-					
Horai-Maru No. 17	Horai Tanker Co.	834	25 Jan. 1949	Undecided	Periodical survey
Oesan-Maru	Mitsui Shipping Co.	6892	25 " "	"	"
Unyo-Maru No. 12	Nakamura Kisen Co.	880	Mid.Jan. "	"	
Horai-Maru No. 8	Horai Tanker Co.	834	"	"	Dry-docking
Miesan-Maru	Mitsui Shipping Co.	880	End Jan.1949	"	Conversion
Matsukuni-Maru	Matsuoka Kisen Co.	880	"	"	Periodical survey
Daiun-Maru No. 2	Sempaku-Kodan	2581	"	"	
Kuroshio-maru	Kansai Kisen Co.	496	Beg.Feb. 1949	"	Dry-docking

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Mr Kojima
Info

SHIPS UNDER REPAIRING AND/OR WILL BE REPAIRED IN JAN. 1949
on 7th Jan., 1949.

MITSUI SHIPBUILDING & ENGINEERING CO.,LTD.,TAMANO WORKS.

NAME	OWNER	GROSS TONNAGE	DATE COMMENCED	DATE COMPLTED	REMARKS
Under repairing:					
Yusho-Maru	First Salvage Co.	848	16 Oct. 1948	Undecided	Annual survey
Sasayama-Maru No.7	S. Sasayama	135	3 Dec. "	9 Jan. 1949	Dry-docking
Taka-Maru	Kyodo Suisan Co.	135	24 Nov. "	14 " "	Annual survey
Hayabusa-Maru	do.	135	do.	11 " "	do.
Miharasan-Maru	Mitsui Shipping Co.	880	19 Nov. 1948	10 Feb. "	Temporary survey
Okaki-Maru No.1	Okayama Kihansen Co.	250	28 Dec. "	7 Jan. "	Dry-docking
MS 16	Wire Mine Sweep Div.	150	28 Dec. "	Undecided	Temporary repair
Toyu-Maru No.2	Kinkai Tanker Co.	834	17 Dec. "	28 Jan. 1949	Periodical survey
Yodokawa-Maru	Osaka Shosen K. K.	883	4 Sept. "	31 Jan. "	Conversion
Yuyo-Maru	Morita Kisen K. K.	9867	21 Dec. "	June "	Damaged
Teshiosan-Maru	Mitsui Shipping Co.	2153	24 Dec. "	31 Jan. 1949	Dry-docking
Zensho-Maru No.18	M. Masutaka	135	23 Dec. "	25 Jan. "	Temporary repair
MS 04	Kure Mine Sweep Div.	150	28 Dec. "	Undecided	do.
MS 21	do.	250	do.	do.	do.
Expect to repair:					
Oesan-Maru	Mitsui Shipping Co.	6892	25 Jan. 1949	Undecided	Periodical survey
Unyo-Maru No.12	Nakamura Kisen K.K.	880	Jan. "	do.	
Horai-Maru No.8	Horai Tanker Co.	834	15 Jan. "	do.	Dry-docking
Miesan-Maru	Mitsui Shipping Co.	880	Jan. "	do.	
Matsukuni-Maru No.3	Matsuoka Kisen K. K.	880	Jan. "	do.	Periodical survey
Daiun-Maru No.2	Sempaku-Kodan	2581	Jan. "	do.	
Shirakamisan-Maru	Mitsui Shipping Co.	4926	Jan. "	do.	Annual survey
Horai-Maru No.17	Horai Tanker Co.	834	25 Jan. "	do.	Periodical survey

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Rec'd for Ship building 15 Aug 49

Mr Kajiya info

ARRIVAL LIST OF THE IMPORTED LUMBERS FOR THE EXPORT BOATS IN JULY 1949.

Mitsui Shipbuilding & Engineering Co., Ltd.

Kind & grade / Date of arrival	Douglas Fir					Teak		Name of Freighter	Remarks
	Deck plank (Flitches)	Sq.timber (Selected merchantables)	Sq.timber (Merchantable)	Sq.timber (Common)	Sq.timber 16" (Common)	Deck plank (Flitches)	Sq.timber (Square)		
	Pcs. B/M	Pcs. B/M	Pcs. B/M	Pcs. B/M	Pcs. B/M	Pcs. B/M	pcs. B/M		
July 2, '49							66 43728.48	Kofuku Maru	
" 11, "						191 16284.36		Hyogo Maru	
" 21, "	400 85268							Houn Maru	Keep in our works till Oct. 1949
" 21, "	459 99963.96				53 40661.04			Tensei Maru	"
" 21, "	417 83549.04							Kyokai Maru	"
Total:	1276 268781				53 40661.04	191 16284.36	66 43728.48		

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

EXPORT VESSELS UNDER CONSTRUCTION AND/OR UNDER CONTRACT

Ship No.	No. 546	No. 547	No. 548
Destination	Denmark	Denmark	Denmark
Type	Cargo-boat	Cargo-boat	Oil-tanker
D/W	5170	5170	17900
Size	360'X52'X31'-21'7½"	360'X52'X31'-21'7½"	530'X70'2½"
Main engine:			
Kind	Diesel B&W	Diesel B&W	Diesel B&W
Power	3640 BHP	3640 BHP	8300 BHP
No.	1	1	1
Shipyard	Mitsui Tamano	Mitsui Tamano	Mitsui Tama
Contract:			
No.	JXG 22154	JXG 22155	JXG 22156
Date	19th Feb. '49	19th Feb. '49	19th Feb.
Permission of construction:			
No.	SCAPIN 6415-A	SCAPIN 6415-A	SCAPIN 641
Date	25th Feb. '49	25th Feb. '49	25th Feb.
Price:			
$	1,075,000	1,075,000	2,250,000
¥	594,000,000	594,000,000	1,236,000,
Date of laying down	20th Feb. '49	20th Feb. '49	1st May '4
Date of build up	30th Mar. '49	31st May '49	31st Aug.
Date of launch	15th Jul. '49	31st Aug. '49	15th Feb.
Date of delivery	15th Dec. '49	31st Jun. '50	15th Aug.

Remarks: Ship No. is numbered in our shipyard.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

EXPORT VESSELS UNDER CONSTRUCTION AND/OR UNDER CONTRACT

10th Apr., 1949.

Mitsui Shipbuilding & Engineering Co., Ltd., Tamano Works.

No. 546	No. 547	No. 548	No. 554
Denmark	Denmark	Denmark	Denmark
Cargo-boat	Cargo-boat	Oil-tanker	Cargo-boat
5170	5170	17900	5170
360'X52'X31'-21'7½"	360'X52'X31'-21'7½"	530'X70'82½"X39'3"-30'7"	360'X52'X31'-21'7½"
Diesel B&W	Diesel B&W	Diesel B&W	Diesel B&W
3640 BHP	3640 BHP	8300 BHP	3640 BHP
1	1	1	1
Mitsui Tamano	Mitsui Tamano	Mitsui Tamano	Mitsui Tamano
JXG 22154	JXG 22155	JXG 22156	JXG 22157
19th Feb. '49	19th Feb. '49	19th Feb. '49	19th Feb. '49
on:			
SCAPIN 6415-A	SCAPIN 6415-A	SCAPIN 6415-A	SCAPIN 6415-A
25th Feb. '49	25th Feb. '49	25th Feb. '49	25th Feb. '49
1,075,000	1,075,000	2,250,000	1,025,000
594,000,000	594,000,000	1,236,000,000	564,300,000
20th Feb. '49	20th Feb. '49	1st May '49	1st Aug. '49
30th Mar. '49	31st May '49	31st Aug. '49	15th Sept. '49
15th Jul. '49	31st Aug. '49	15th Feb. '50	30th Nov. '49
15th Dec. '49	31st Jun. '50	15th Aug. '50	31st Mar. '50

Remarks: Ship No. is numbered in our shipyard.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
Civil Affairs Section
APO 500

0359

004 (29 Nov 1949)CAS-EM

30 JAN 1950

SUBJECT: Applications for Permission to Improve, Supplement and Regulate Diesel Engine Manufacturing Equipment

TO: Chief
Chugoku Civil Affairs Region
APO 248

The inclosed copy of memorandum is forwarded for your information and action in accordance with paragraph 3a, Operational Directive No. 51, 27 September 1949.

FOR THE CHIEF, CIVIL AFFAIRS SECTION:

1 Incl
Memo for Min of
Trans, 12 Jan 50 (Cy)

J. R. O'BRIEN
C/W.O. USA
Adm Off

Mitsui Shipyard
Tamano
(Shipbuilding Plant)

ECON 68-7

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

COPY

GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
Economic and Scientific Section
APO 500

413(12 Jan 50)ESS/IND

12 January 1950

INFORMAL
MEMORANDUM FOR: Ministry of Transportation, General Maritime Bureau, No. 1 Ittchome, Marunouchi, Chiyoda-ku, Tokyo

SUBJECT: Applications for Permission to Improve, Supplement and Regulate Diesel Engine Manufacturing Equipment

1. References are:

a. FOM No. 1566(TRM), 29 November 1949, subject: Application for Permission to Supplement and Regulate Diesel Engine Manufacturing Equipment of Harima Shipbuilding Works Co., Ltd.

b. FOM No. 1596(TRM), 5 December 1949, subject: Application for Permission to Improve Diesel Engine Manufacturing Equipment at Tamano Works of Mitsui Shipyard Co., Ltd.

2. No objection is offered to expansion of diesel engine manufacturing facilities of Harima Shipbuilding Works Co., Ltd., and Mitsui Shipyard Co., Ltd., as specified in Inclosure 1.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

MAURICE M. CLASS
Chief, Industry Division

1 Incl
Expan of Dies
Eng Facil

Copies furnished:
CG, 8th Army
SRS

Incl 1

COPY