

Minutes of Discussions



MINUTES OF DISCUSSIONS  
BASIC DESIGN STUDY  
ON  
THE COASTAL FISHERIES  
DEVELOPMENT PROJECT  
IN  
THE REPUBLIC OF SEYCHELLES

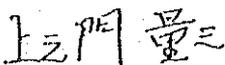
In response to a request from the Government of the Republic of Seychelles, the Government of Japan decided to conduct a Basic Design Study on the Coastal Fisheries Development Project (hereafter referred to as "the Project"), and entrusted the study to the Japan International Cooperation Agency (JICA).

JICA sent to Seychelles a study team, which is headed by Mr. Ryouzo Kaminokado, Director, Office of the Overseas Fisheries Cooperation, Fisheries Agency, and is scheduled to stay in the country from September 9 to September 30, 1993.

The team held discussions with the officials concerned from the Government of Seychelles and conducted a field survey at the study area.

In the course of discussions and field survey, both parties have confirmed the main items described on the attached sheets. The team will proceed to further works and prepare the Basic Design Study Report.

Victoria, September 27, 1993



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Ryouzo Kaminokado  
Leader  
Basic Design Study Team  
JICA



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Philippe Michaud  
Managing Director  
Seychelles Fishing Authority  
The Government of Seychelles

## ATTACHMENT

### 1. Objective

The coastal fishery is an essential part of the fisheries sector in Seychelles. The objective of the Project is to supply equipment, which alleviates insufficient supply of modern and effective fishing gears for fishermen involved in the artisanal fishery.

### 2. Project Sites

The Project area is Mahe, Praslin and La Digue. All the equipment are to be delivered to the Seychelles Fishing Authority(SFA) in Mahe.

The site of the ice making plant is located at Anse La Mouche in Mahe.

The Project area and site maps are attached as "ANNEX-I".

### 3. Executing Agency

Responsible Ministry; Ministry of Agriculture and Marine Resources

Implementing Agency; Seychelles Fishing Authority(SFA)

### 4. Necessary items for the realization of the Project requested by the Government of Seychelles

After discussions with the Basic Design Study Team, the following items were finally requested by the Government of Seychelles, as shown in "ANNEX-II".

However, the final components of the Project will be decided after further studies.

### 5. Japan's Grant Aid system

(1) The Government of Seychelles has understood the system of Japan's Grant Aid explained by the Team.

(2) The Government of Seychelles will take necessary measures, described in "ANNEX-III" for smooth implementation of the Project, on condition that the Grant Aid Assistance by the Government of Japan is extended to the Project.

## 6. Schedule of the Study

- (1) JICA will prepare the draft report in English and despatch a mission in order to explain its contents in November, 1993.
- (2) In case that the contents of the report is accepted in principle by the Government of Seychelles, JICA will complete the final report and send it to the Government of Seychelles by the end of January, 1994.

## 7. Counterpart fund

When the products provided by the Japan's Grant are sold or leased to fishermen, the Government of Seychelles shall take necessary measures to ensure the following. :

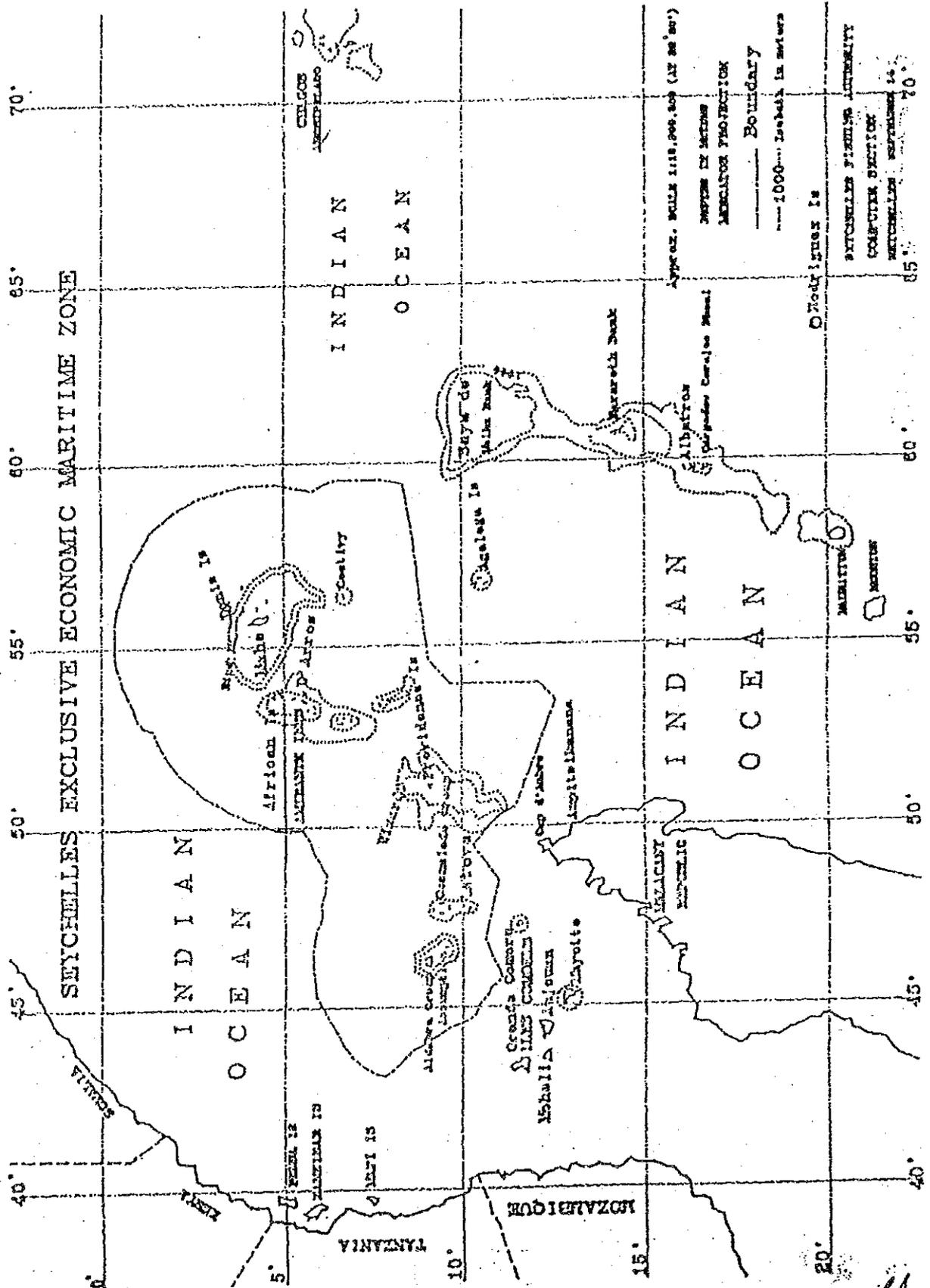
- (1) to deposit, in local currency, the amount to be obtained by such sale or lease in a suitable account of the Government of Seychelles as a counterpart fund.
- (2) to utilize the above-mentioned counterpart fund for the purpose of fisheries development and maintenance of equipment purchased by the grant from the Government of Japan
- (3) to consult with the Government of Japan before utilizing any of the above-mentioned counterpart fund
- (4) to provide, on the request of the Government of Japan, a report on the use of the above-mentioned counterpart fund and the balance in the account.

*ph*

*Ryo*

REPUBLIC OF SEYCHELLES

SEYCHELLES MAP

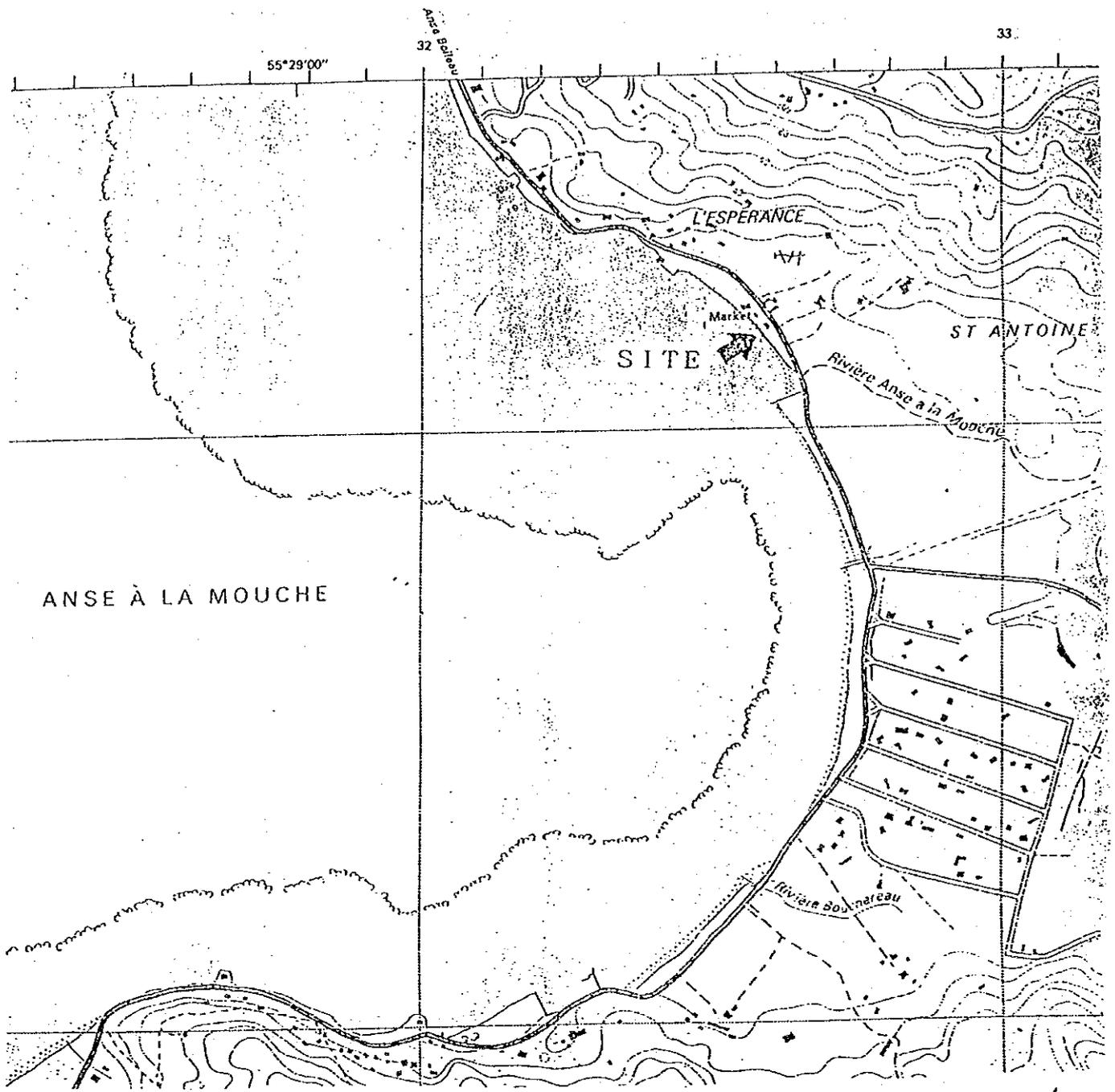


Ryo

SL



ICE MAKING PLANT SITE.



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*Rep*

## ANNEX II

Items requested by the Government of Seychelles for the Project is listed in order of priority below:

- (1) Fishing equipment for fishermen
- (2) Ice making plant
- (3) Vehicle
- (4) Boat for research and extension service
- (5) Fishing boats

*Ryp*

*Am*

### ANNEX III

Necessary measures to be taken by the Government of the Republic of Seychelles in case Japan's Grant Aid is executed.

1. To provide necessary permissions, license and other authorizations for smooth implementation of the Project.
2. To bear advising commission of the Authorization to Pay (A/P) and payment commission to the Japanese foreign exchange bank for the banking services based upon the Banking Arrangement (B/A).
3. To ensure prompt unloading, tax exemption and custom clearance of the goods for the Project at port of disembarkation in Seychelles.
4. To ensure prompt unloading and internal transportation of the goods purchased and/or imported under the Grant Aid for the Project.
5. To accord Japanese nationals whose services may be required in connection with the supply of products and the services under the verified contract such facilities as may be necessary for their entry into Seychelles, and stay therein for the performance of their work.
6. To exempt Japanese nationals from custom duties, internal taxes and other fiscal levies which may be imposed in Seychelles with respect to the supply of the products and services under the verified contracts.
7. To maintain and use properly and effectively the equipment provided under the verified contracts.
8. To bear all the expenses other than those to be borne by the Grant, necessary for the transportation and the installation of the equipment.
9. To coordinate and solve any matters related which may arise with third party and inhabitants living in the Project area during implementation of the Project.

*Repz*

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## II. EXPLANATION OF DRAFT REPORT

- II - ① Members List of Study Team
- II - ② Study Itinerary
- II - ③ List of Persons Concerned
- II - ④ Minutes of Discussions



Member List of  
Explanation of Draft Report

Akihiro, MAE	Leader Deputy Director, Office of the Overseas Fisheries Cooperation, Fishery Agency
Mamoru, KONDO	Fisheries Promotion planner D & A Engineering Co.,Ltd.
Masakazu, ISHII	Fishing Boat/equipment planner D & A Engineering Co.,Ltd.

## Itinerary of Explanation of Draft Report

	date		Accomoda- tion
1	11/24 Wed	Tokyo 11:00 → London 14:55 (BA006)	London
2	11/25 Thu	London 21:30 (BA065) →	
3	11/26 Fri	Mahe 11:15 (BA065) Courtesy call to Ministry of Agriculture & Marine Resources. Meeting with Seychelles Fishing Authority	Mahe
4	11/27 Sat	Site Survey and Collection of Materials	Mahe
5	11/28 Sun	Team Meeting	Mahe
6	11/29 Mon	Discussion with SFA	Mahe
7	11/30 Tue	Discussion with SFA	Mahe
8	12/ 1 Wed	Minutes of Discussion	Mahe
9	12/ 2 Thu	Mahe 15:00 → Nairobi 17:00 (KQ451) Courtesy call to Japanese Embassy and JICA office	Nairobi
10	12/ 3 Fri	Nairobi 10:55 → Bruxelles 17:20 (SN571)	Bruxelles
11	12/ 4 Sat	Bruxelles 14:40 → Frankfurt 15:45 (LH4305) Frankfurt 23:30 (LH710)→	
12	12/ 5 Sun	Tokyo 18:40 (LH710)	

## List of Persons Concerned

## Ministry of Agriculture &amp; Marine Resources

Mr. Jacquelin Dugasse :Minister

## Ministry of Foreign Affairs, Economic Planning &amp; Environment

Mr. Bertrand Rassol :Permanent Secretary

Ms. M.Robert :Director for Foreign Affairs

## Seychelles Fishing Authority (SFA)

Mr. Philippe Michaud :Managing Director

Mr. Joel Nageon de Lestang :Director, Resources Management

Mr. Pierre Woodcock :Assistant Director, Resources Manageme

## JICA Expert in Seychelles

Mr. Yoshiaki Yamada :Advisor for M.V.Engineering

## Embassy of Japan in Kenya

Ms. Ikuko Suzuki :Special Assistant

## JICA Kenya Office

Mr. T. Nagashima :Resident Representative

Mr. T. Ito :Assistant Resident Representative

Mr. Y. Kashihara :Assistant Resident Representative



Minutes of Discussions



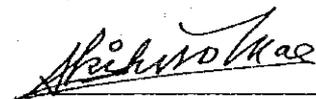
MINUTES OF DISCUSSIONS  
BASIC DESIGN STUDY  
ON  
THE COASTAL FISHERIES  
DEVELOPMENT PROJECT  
IN  
THE REPUBLIC OF SEYCHELLES  
(CONSULTATION ON DRAFT REPORT)

In September 1993, the Japan International Cooperation Agency (JICA) dispatched a Basic Design Study team on the Project for Coastal Fisheries Development (herein after referred to as "the Project"), to the Republic of Seychelles, and through discussions, field survey, and technical examination of the results in Japan, has prepared the draft report of the study.

In order to explain and to consult the Seychelles on the components of the draft report, JICA sent to Seychelles a study team, which is headed by Mr. Akihiro Mae, Deputy Director, Office of the Overseas Fisheries Cooperation, Fisheries Agency, and is scheduled to stay in the country from November 26 to December 1, 1993.

As a result of discussions, both parties confirmed the main items described on the attached sheets.

Victoria, December 1, 1993



Mr. Akihiro Mae  
Leader  
Draft Report Explanation Team  
JICA



Mr. Philippe Michaud  
Managing Director  
Seychelles Fishing Authority  
The Government of Seychelles

## ATTACHMENT

### 1. Component of draft report

The Government of Seychelles has agreed and accepted in principle the components of the draft report proposed by the team.

### 2. Japan's Grant Aid System

- (1) The Government of Seychelles has understood the system of Japan's Grant Aid explained by the team.
- (2) The Government of Seychelles will take the necessary measures, described in Annex- I, for smooth implementation of the Project on condition that the Grant Aid assistance by the Government of Japan is extended to the Project.

### 3. Further schedule

The team will make the final report in accordance with the confirmed items, and send it to the Government of Seychelles by the end of January 1994.

ANNEX - I

Necessary measures to be taken by the Government of the Republic of Seychelles in case Japan's Grant Aid is extended.

1. To provide necessary permissions, license and other authorization for smooth implementation of the Project.
2. To bear advising commission of the Authorization to Pay (A/P) and payment commission to the Japanese foreign exchange bank for the banking services based upon the Banking Arrangement (B/A).
3. To ensure prompt unloading, tax exemption and custom clearance of the goods for the Project at port of disembarkation in Seychelles.
4. To ensure prompt unloading and internal transportation of the goods purchased and/or imported under the Grant Aid for the Project.
5. To accord Japanese nationals whose services may be required in connection with the supply of the products and the services under the verified contract such facilities as may be necessary for their entry into Seychelles, and stay therein for the performance of their work.
6. To exempt Japanese nationals from custom duties, internal taxes and other fiscal levies which may be imposed in Seychelles with respect to the supply of the equipment and materials provided under the verified contracts.
7. To maintain and use properly and effectively the equipment and materials provided under the verified contract.
8. To coordinate and solve any matters related which may arise with third party and inhabitants living in the Project area during implementation of the Project.
9. To bear all the expenses other than those to be borne by the Grant, necessary for the transportation and the installation of the equipment.



### III. REFERENCE DATA FOR "DEVELOPMENT OF SUITABLE FISHING BOAT"



## III. REFERENCE DATA FOR "DEVELOPMENT OF SUITABLE FISHING BOAT"

Followings are the result of sensitive analysis referred to, in chapter 5, 2.  
(3). Details of IRR calculation data is attached on next page.

## ① 8 m TYPE

COST \ BENEFIT	0.5	0.70	1.0	1.25	1.50
0.50	—	—	34%	135%	65%
0.75	—	—	15%	60%	143%
1.0	—	—	7%	38%	78%
1.25	—	—	1.5%	26%	53%
1.5	—	—	—	18%	39%
2.0	—	—	—	9%	24%

## ② 10m TYPE

COST \ BENEFIT	0.5	0.70	1.0	1.25	1.50
0.50	—	—	24%	101%	375%
0.75	—	—	9.7%	49%	111%
1.00	—	—	2.1%	30%	64%
1.25	—	—	1.5%	20%	44%
1.50	—	—	—	14%	33%

① 8 m Type      CAP.COST= 300 , BENFIT= 185      (Unit : Rs 1,000)  
 SENS.f = 1.00      SENS.f = 1.00

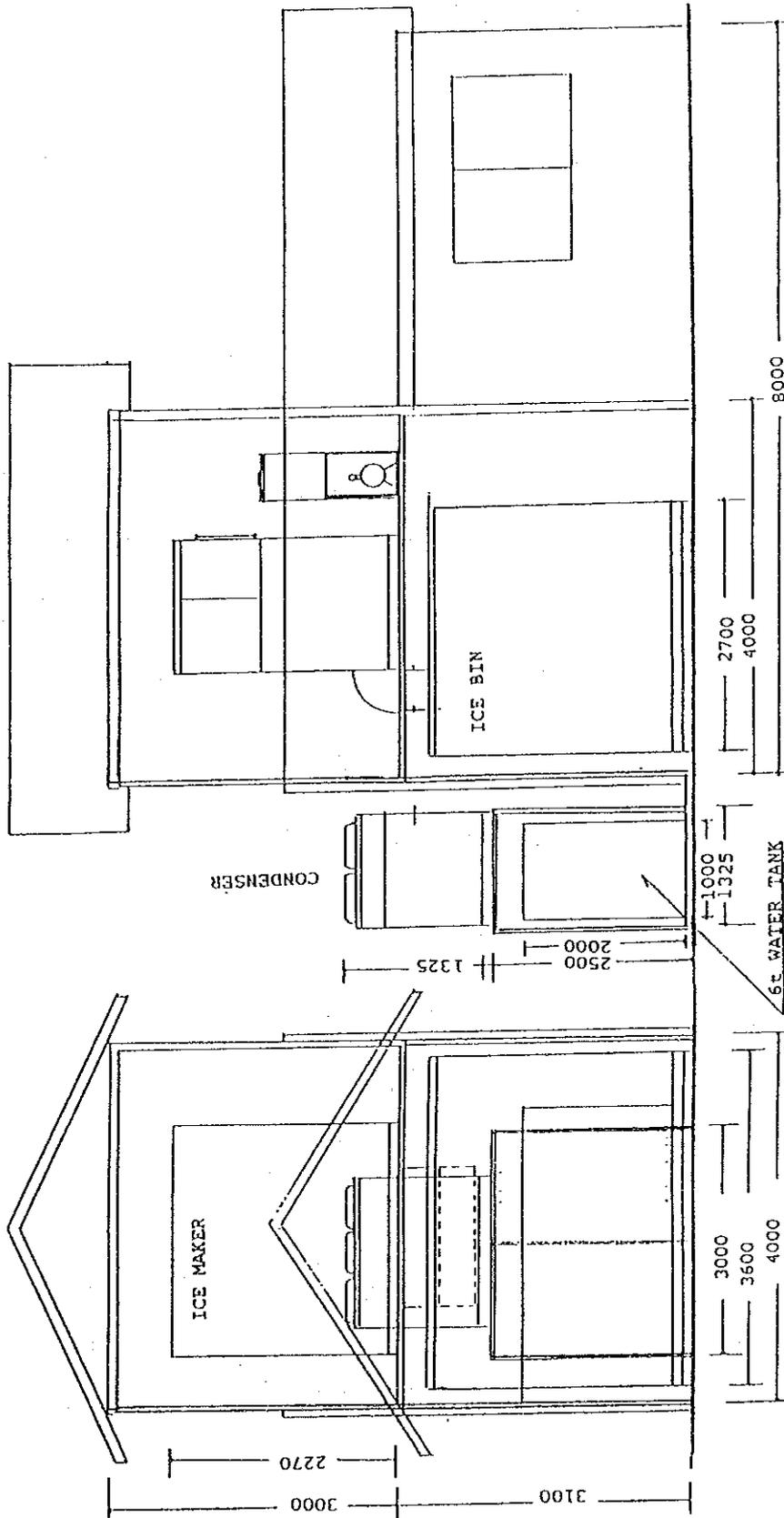
YEAR n	CAP.COST C1	OPE.COST C2	TOT.COST CT=C1+C2	BENEFIT B	CASHFLOW F=B-CT	DISCOUNT			RATE
						r=		r=	
						d=1/((1+r)**n)	DR=F*D		
1	300	145	445	185	-260	0.934	-242.9	0.934	-242.9
2	0	145	145	185	40	0.873	34.9	0.873	34.9
3	0	145	145	185	40	0.815	32.6	0.815	32.6
4	0	145	145	185	40	0.761	30.5	0.761	30.5
5	0	145	145	185	40	0.711	28.4	0.711	28.4
6	0	145	145	185	40	0.664	26.6	0.664	26.6
7	0	145	145	185	40	0.621	24.8	0.621	24.8
8	0	145	145	185	40	0.580	23.2	0.580	23.2
9	0	145	145	185	40	0.541	21.7	0.541	21.7
10	0	145	145	185	40	0.506	20.2	0.506	20.2
	300	1450	1750	1850	100		0.001		0.001
									0.001

② 10m Type      AP.COST= 500 , BENFIT= 285      (Unit : Rs 1,000)  
 SENS.f = 1.00      SENS.f = 1.00

YEAR n	CAP.COST C1	OPE.COST C2	TOT.COST CT=C1+C2	BENEFIT B	CASHFLOW F=B-CT	DISCOUNT			RATE
						r=		r=	
						d=1/((1+r)**n)	DR=F*D		
1	500	230	730	285	-445	0.979	-435.5	0.979	-435.5
2	0	230	230	285	55	0.958	52.7	0.958	52.7
3	0	230	230	285	55	0.937	51.5	0.937	51.5
4	0	230	230	285	55	0.917	50.4	0.917	50.4
5	0	230	230	285	55	0.898	49.4	0.898	49.4
6	0	230	230	285	55	0.878	48.3	0.878	48.3
7	0	230	230	285	55	0.860	47.3	0.860	47.3
8	0	230	230	285	55	0.841	46.3	0.841	46.3
9	0	230	230	285	55	0.823	45.3	0.823	45.3
10	0	230	230	285	55	0.806	44.3	0.806	44.3
	500	2300	2800	2850	50		0.006		0.006
									0.006

#### IV. DRAWINGS OF THE EQUIPMENT AND MATERIALS



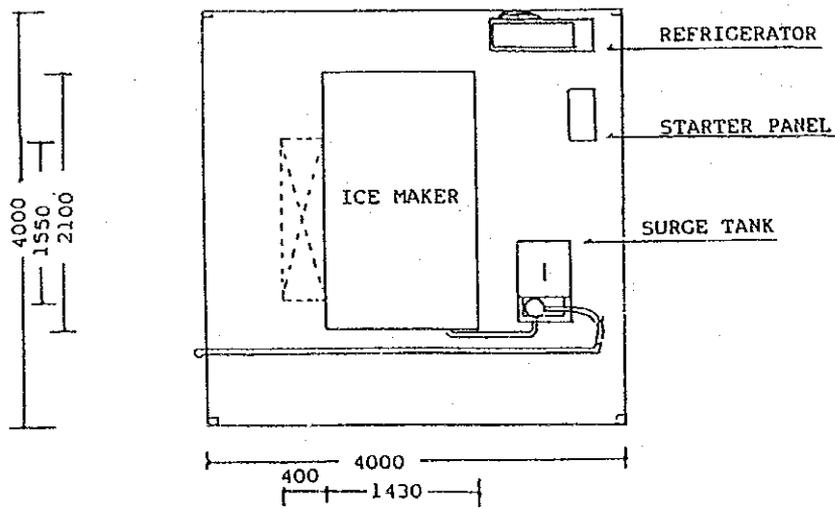
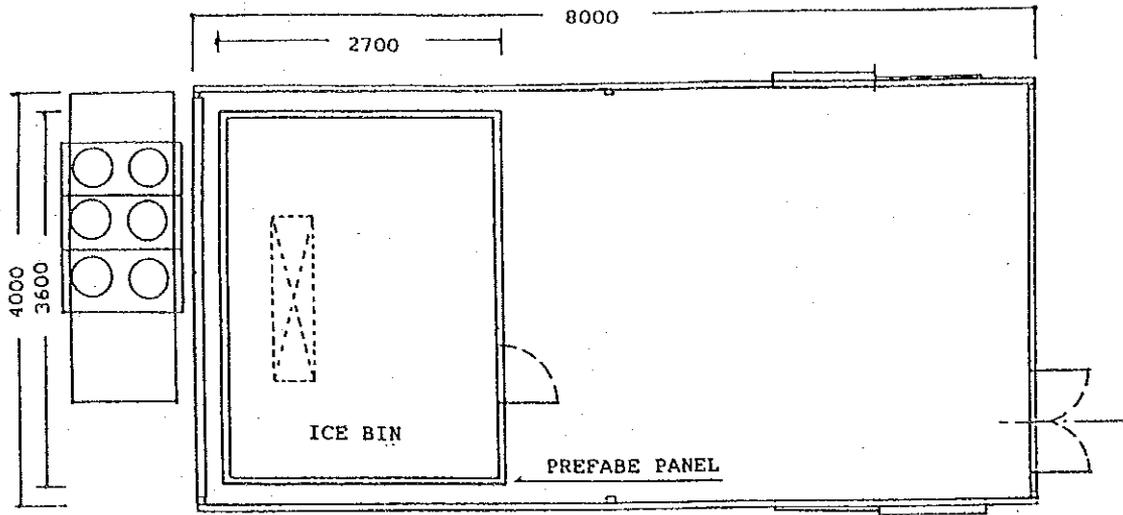


Ice Making Plant

Ice making machine 2.5 tons / day

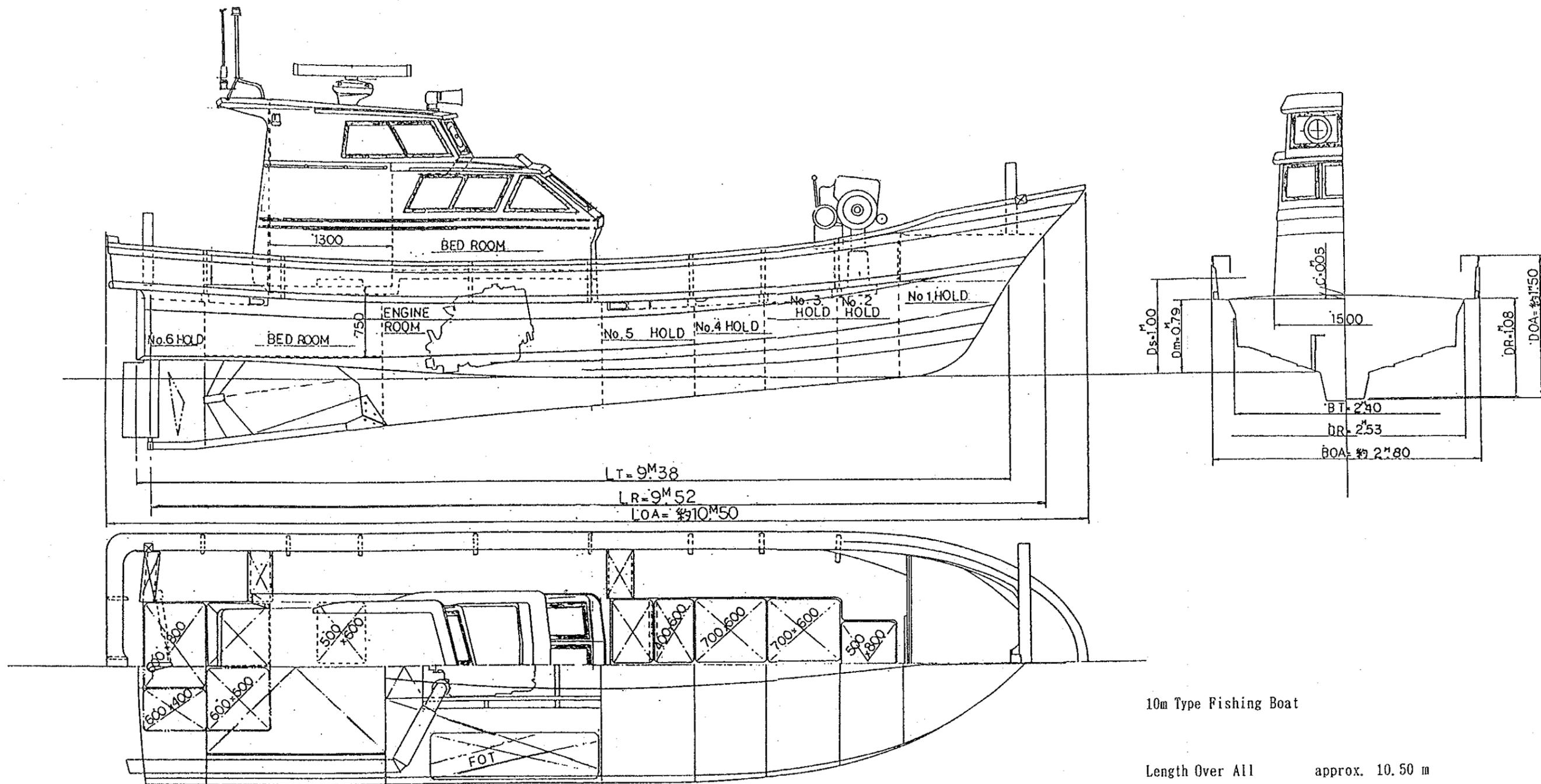
Ice bin Approx. 7.5 tons

Water tank Approx. 6.0 tons



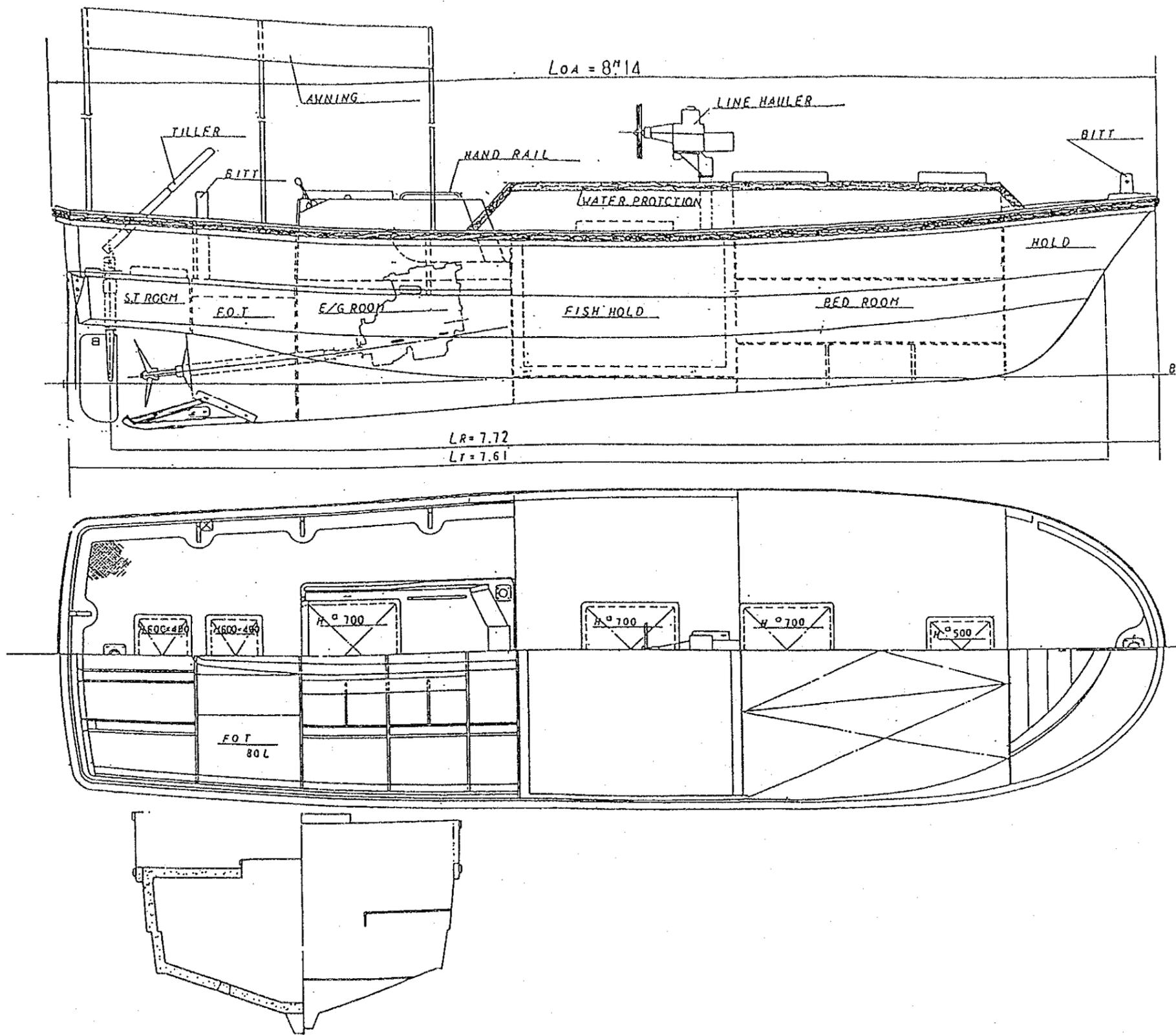






10m Type Fishing Boat

Length Over All	approx. 10.50 m
Breadth Over All	approx. 2.80 m
Depth Over All	approx. 1.50 m
Main Engine	approx. 65 HP
Berth	4 persons
International Tonnage	approx. 5 ton



8m Type Fishing Boat

Length Over All	approx.	8.14 m
Breadth Over All	approx.	2.32 m
Depth Over All	approx.	1.05 m
Main Engine	approx.	25 HP
Berth		3 persons
International Tonnage approx.		3 ton

JICA