CIT MELAND

Ligh Hanlage in Beauth

Since fish is a principal export commodity from Beserah, it is essential to devote a detailed study of the important aspects of fish hanlage. In this chapter the various movements of fish from landing places to the final consumer will be traced in detail.

A. Fresh Fish Henlage

1. From Landing Places to "Colleging Centres".

In the makin there are four principal landing areas along the beach: Betw Hitem, Seberang Che' Let, Kempong Di-Pantel Becerah and Polindong, in that order from morth to south. In the vicinity of these places there are "collecting centres", which are not really expanised ones, but just places where fish-dealers (perains) bring together the fish they buy from various stattered landing places before equiding them to Kummten by motor vehicles.

At Bata Hitem, Seberang Che' Let and Pelindeng the dispersed individual emiches are brought together by the syclist-persibs and other dealers who buy fish in small quantities and send them to the various collecting centres by bicycles. They usually load up close to the there where the fishersen pull up their beats. At Kampong Di-Perial, there is a distance of less than 1/4 miles between the landing place and the collecting centre; this cannot be travelled by bicycles or

l. See Map 2 on page 14.

wans, so pole-carriers are hired to carry fish at 50 to 60 cents per basket weighing about 120 kntis. Sometimes, when large consignments of fish are collected at Pelindong, wans are hired to carry them straight to Kuantan. Otherwise they are transported first to Kampong Di-Pantai collecting centres by bicycles.

It can be concluded that the most common means of transport between the landing places and collecting centres is the bicycle. Pole-carriers are important only at Esspong Di-Pantai Beserah. Recently, however, two persibs bought auto-cycles to use them as means of transport between the places, and for collecting fish from scattered landing areas even outside the makin. They informed the writer that they found it more convenient to use auto-cycles compared to bicycles, but they were operating them illegally since they had not been given bankage permits to carry goods.

Except in the case of pole-carriers, the cost of transport of fish is difficult to calculate at this stage of movement because the perains carry fish on bisycles for themselves. Concerning the cooperatives, the Kampong Di-Pertai Beserah Cooperative hires pole-carriers to earry its fish from the beach to the collecting contres, while the Seberang Che' Let Cooperative does have to incur transport cost since the collecting centre is on the beach itself, from which its two hired cyclists take the fish to Kuantam.

2. From the Collecting Contras to Legaten.

Kuenten is the most important retail market town for fresh from fishing areas in its vicinity, namely Beserch, Tanjong Api and Tanjong Lampur. These three areas market about 40 picule of fresh fish to Kuenten per day on the average. Becarah's share is estimated at 15 picule per day.

In handing fresh fish from Bescrah to Kusmian, the bulk is to constant by the Kespong Di-Pantai Bescrah Cooperative's van and the two cyclists hired by the Seberang Che' Let Cooperative, and the rest is carried by various means of transport such as bases, taxis; etc.

Table 2 below shows the amount of fresh fish carried by the

TABLE 2

FASSE PLSS TRANSPORTED BY THE COOPERATIVE S

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CHELDER FOR THE PROCESS TO THE 1958

Yaar	and Kentin	Assemble of French fish in pisule		
0.4000		Coop. Van	Cyclists	
1957:	July August September October Hereaber December	72 127 147 365 120 15	155 175 204 159 86 16	
	Jamary February Streb April May Jama	151 96 170 227 197	38 73 14.7 124 125	
	Total	1,776	1,44	
Great	Potal	3,220		

The shows seemst represents about 60% of the total volume of fish transported to Kuntan for that period. The very small smount of fish transported in Doomber reflects the fact that it was at the height of the success seems.

The primipal more of transport in fresh fish hamlage are
the two cooperatives and the perails. The primipal suppliers of
transport services are the Kaspeng Di-Paulai Bearch Cooperative
van, a primate was and the two cyclists who work for hire for the
Chel-Let Cooperative. The bases and taxis are of leaser importance.

Table 3 below shows the charges for healing fish by the different mans of transport from the various collecting centres in Several to Landon.

FAME 1

FERRER CARDES FOR HARLING FREE FISH FROM

AND OUR COLUEGYING CHARLES TO HILLIAN

generalises de la constantina del constantina de la constantina de la constantina de la constantina del constantina de la constantina del constantina		Freight Carges per Bashets		
Point of Origin	Ristance to Kuntan (in miles)	Coop. & private vans	Oyellets	Buyes & texts
Bata Hitam Seberang Chollet Eg. Di-Pantai Palindong	6 3/A 6 5 1/2 8 1/2	\$2,00 \$2,00 \$2,00 \$3,75	\$2.50	\$1.00 \$0.30

s I besket weighs approximately 1.35 piculs.

The exceptrative wan and the private wan, which carries goods for hire illegally, charge the sens rate for the different distances between the collecting centres and Kuantan. This is an effort to stirest as man exeten as possible from the paralle. This rate is still very much higher them these charged by beses and taxis became they regard the hauling of goods as only a subsidiary activity, the operating east being charged on passenger transportation. usually charge redes ascording to weight regardless of the types of goods carried. These these rates induce transport usurs to use their services rather than the services of the vens. Senetimes even the Empong M.-Panted Boosreh Cooperative does send fish by the above nowns, letting its one was reader services to others, in order to minimise its fresh-fish haulage cost. I Hewever, there are certain fecture which cambled the ways to compute with the buses and texts.

First, businessed texts, primarily passenger-serrying whiches, can earry fish only in small quantities. So if there have quantities of fish to be transported, the cooperative or the private van is usually expect.

Second, become and taxis cannot give door-to-door services
the venu. Taxis, which carry goods illegally, are not willing
to stop near the market for fear of being detected.

The Cooperative uses bus and taxi services when its van is easy at the procise moment there are fresh fish to be transported to Kusstan.

Third, the desper charges by bases and taxin are effect by the fact that their services cannot be got at the procise scarnt when they are moded. Fresh fish are highly perishable and as much timeliment is an important condition of efficient transportation. This can be provided by the Cooperative was and

Pearth, essentiate the was, there is an arrangement by make of credit.

Customers short at each still have the opportunity to me their sortions.

From the shows table it should be noted that has and taxing and taxing the statement for Seberma Che' Let and Palindons they are situated all the trust read.

The Schoring Che' Let Cooperative engages two for-hire collists to entry its from fish to Kuantan regularly. The rate was bashed in higher them that charged by the wars, but the Cooperative chooses the services of the syclists for the following reasons. That the syclists, busides healing fish, also help to weigh them the landing place. Senstimen they also help the cooperative's collers at the Healing market. Second, there is rivalry between the cooperatives, so there is less patronizing of each other's two cooperatives, so there is less patronizing of each other's

when fish are landed at night, doos the Seborang Che' Let use the factvices of the cooperative van.

Generally speaking, the transport facilities for marketing fresh fish from Beserch to Kuentan are reasonably efficient. The cooperative was ead the private was provide prospt and regular cervices. In addition the two Sebercas Che' Let Cooperative's cyclists, buses and texts increase the supply of transport services meeted by the fresh fish dealers (Porsibs).

There is enother soverest of fresh fish. Those fish not sold in Eunsteen are leed and transported by larries to inland towns of to Kuzla Lusgar which has an suction market for iced fish.

3. Paraibs Treasport in Beserah

Quite a large amount of fish is consumed locally in Beserch.

permits beat their fresh fish in the makin by bicycles to the

public farmers, shophropers and others. It should be noted that

his reles can be used on footpaths and cart tracks.

4. Pres Leeding Places to the Oning Shede

There is smeller severent of fish which mode transport in the beach and the caring sheds where fish and do between the curing sheds where fish and do between the curing sheds and the storehouses in which the dried fish are kept prior to sent to keels leapur. In both these cases, buffalo-carts the usual means of transport used by the Chinese dried fish

makers. The dried flan from Polindong curing sheds, 3 miles away, are conveyed by the jeep belonging to one of the makers or the Cooperative was to the storehouses at Lampung Di-Pantai Boserah. The van charges \$6.00 per load of dried flat (each load soighs up to 12 piculs).

D. Bried Fish Kenbers.

The fire Chinese eried fish sakers in the sukin have markets for their products in the larger centres in the Federation. Usually they sell the bulk of their dried fish produce to wholesale-buyers at Itala Luspur, the rest being sent to Singapore for expert to Indonesia.

Two of the dried fish minors send their fish direct to solessic-buyers at Kunis Lungur, the transport charges being borne by the sellers. The other three minors send their consignments of field fish through their agent in Kuntan the arranges for transport.

Generally specking, the transport facilities for dried fish balls go from Beneral to Kunla Leopur, a distance of 178 miles, are well developed. There are the big larry-hanlage companies, which would be the larries providing services for long-hanlage

^{2.} See Plate 5, as page 59.

of the writer, the high rates are due to the ignorance of the dried fish makers of the low rates elsewhere and of the Government regulation, and then due to the monopolistic position of the lowry operators.

A substantial value of fried fish produced in Reserch and other fishing areas in the Denten ration is sent to Magapore by static states. The fish is later expected to Indonesia.

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