



FI:DP/CPR/88/077
Field Document 9
December 1990

PEOPLE'S REPUBLIC OF CHINA

EQUIPMENT SUPPLY AND TRAINING

Report prepared for the project
Fisheries development in Qinghai Province
People's Republic of China

by

C.J. Smith
Consultant

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
Rome, 1990

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This report was prepared during the course of the project identified on the title page. The conclusions and recommendations given in the report are those considered appropriate at the time of its preparation. They may be modified in the light of further knowledge gained at subsequent stages of the project.

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1 INTRODUCTION

This assignment is a follow-up to the initial visit of the consultant to the Institute of Aquatic Products (IAP), Xining City, People's Republic of China (September-October 1989) and was undertaken from 3 May to 1 June 1990.

The report of the earlier visit (Field Document 5) identified the current equipment status of the IAP and recommended specific items for external and local purchases. The equipment would enable the IAP to fulfil their function to carry out research in aquatic technology for the whole of Qinghai Province.

Particularly, this equipment was envisaged to be used for two main developmental purposes:

- production of a management plan for the important naked carp fishery in Qinghai Lake;
- introduction of the technology of rainbow trout culture and establishment of fish farms.

2. EQUIPMENT DELIVERY PROBLEMS AND THEIR MITIGATION

It was anticipated that most of the equipment detailed in the consultant's first report, and ordered through Field Purchase Orders would already be on site. An examination of the documentation held by UNDP and FAO Beijing, prior to departure for Xining, indicated that problems had arisen. For example, some of the items were known by the consultant to have been delivered, thanks to suppliers confirmation at the consultant's UK base.

Considerable effort was made to resolve this question. On arrival at the project site the consultant compared the equipment delivered to the IAP, with corresponding documentation. This analysis confirmed that the equipment receipt and response system had failed. Details of the current position was despatched via the CTA to FAO Beijing with a series of recommendations to enable the project to proceed. The inventory of equipment and corresponding paperwork are given as Appendix 1.

In view of the unsatisfactory state of the equipment receipt procedures, the first priority was to establish a system that would ensure:

- safe receipt and notification of equipment in Beijing;
- efficient liaison between Beijing and Xining;
- generation and return of necessary paperwork;
- effective stock-keeping in the project.

Some of the suppliers of the equipment have complained about non-payment of their invoices. In a number of instances equipment has arrived in Beijing (as per instructions) 10 weeks before the arrival of the equipment in Xining. The suppliers have fulfilled their part of the contract, but have no control over the transportation system from Beijing to Xining. Consequently it appears that most European insurance companies will not insure the goods beyond the receipt point in Beijing. This has caused a hold-up in the payment of suppliers' invoices as they are unable to comply fully with the delivery instructions of the FPO. This may also have the effect of making the supply of any spares difficult to arrange from the same supplier, who is now wary of supplying in good faith and being required to wait excessively for payment.

It should be noted that the Consignee is FAO or UNDP in Beijing and not the Institute of Aquatic Products in Xining. This is clearly stated in the Field Purchase Order and subsequent notification. Consequently the Delivery Report and the Receipt and Inspection Report should be completed in Beijing. As suppliers have no control over transportation from Beijing to Xining they cannot be held responsible for any damage that occurs to the equipment during this phase of transportation.

It would appear that the problems in Beijing are of an unusual nature and generally the system for receiving and dispersal of goods is efficient. The major drawback of the system can be identified in the nature of the project. As this is the first UNDP-funded/FAO-executed project to be undertaken by the IAP, no administrative system of equipment receipt had been established before the arrival of FAO personnel.

It has been agreed that one person must be responsible for the receipt, issuance and return of all equipment connected with the project. Ms Hu Cui Hua was made the officer responsible for these tasks.

With the consultant's assistance Ms Hu has now been thoroughly briefed in the background of the project, the ordering methods used by FAO/UNDP and a system is now organized to ensure the smooth receipt of future deliveries. In addition a stock control system has been established for management solely by Ms Hu.

3. TRAINING IN USE OF EQUIPMENT

In view of the limited amount of equipment that had actually arrived in Xining, training opportunities were obviously limited. However, in conjunction with the Lake Management Specialist, Dr Ian Dunn, a visit to Qinghai Lake was arranged for the week commencing 21 May 1990 during which training was given in the use of the following items:

- electrofishing equipment
- portable chemical laboratory
- electrochemical lake profiler

In addition the satellite navigation equipment and the radio telephone system were temporarily fitted to the project vessel ready for connection to the electrical system once this had been established on the ship (estimated at 2-3 weeks).

The late delivery of a number of important survey items will entail the loss of up to one complete survey season on this project. In a number of instances the goods appear (from the AirwayBill or Bill of Lading) to have been delivered to Beijing in good time to coincide with the consultant's arrival. Failure to deliver from Beijing to Xining in reasonable time, together with apparent delays in the commissioning of the survey vessel at Qinghai Lake, will result in very little, if any, lake survey work being carried out during 1990. This will be further developed in the Lake Management Consultant's report.

Due to time constraints the major part of the practical training will now be undertaken as an integral part of the lake investigation team's initial activities withing the work programme detailed by Dr Dunn, as and when the equipment arrives.

4. FUTURE PROGRAMME

In the absence of a number of items, many of which are specialist items, it may be necessary to schedule another trip for a training specialist. This is especially important in view of changes taking place in personnel at the IAP.

Much of the equipment still to arrive is designed to establish a working laboratory at the IAP. This laboratory will provide chemical analyses for the project team and will require a considerable knowledge of analytical procedures. As Qinghai Lake is saline, many of the analytical methods will have to take this into consideration, as some of the standard analytical methods are affected by high salinity. The consultant understands that the IAP intend to appoint a person specifically responsible for the running of this laboratory who will need training in suitable analytical methods and equipment use.

In view of the freezing of Qinghai Lake during September/ October it a visit by a suitably trained consultant should be scheduled for spring 1991. As no funds have been allocated for this the budget for 1991 should be modified to take account of this additional requirement. This increase could have been avoided if the CTA had been appointed on a full-time basis. It is no coincidence that as soon as the FAO team arrived procedures were instigated that should have been in place at least three months earlier.

APPENDIX I

EQUIPMENT/PAPERWORK STATUS (Lot numbers refer to CST Smith report CPR/88/077 dated September/October 1989)

LOT 1 - LABORATORY EQUIPMENT

SUPPLIER - ASTELL HEARSON
FPO Nos. 9-89029
9-89031
9-89032
9-89033
9-89034

Paperwork Status:

Delivery Report, Receiving and Inspection Report (dated 30/4/90), AWB, HAWB, Insurance Certificate, and invoice available on FPO's 9-89033 and 9-89304. No other paperwork in Xining.

Equipment Status:

All equipment under FPO 9-89033 in Xining, checked and DR and RIR returned to Beijing. It is believed that all equipment under these FPO's is in Beijing awaiting shipment to Xining.

Action/Notes

The AWB accompanying FPO 9-89033 (the only paperwork available) shows the goods air freighted on PK786 on 24 March 1990. Even allowing for delays in air transport, this equipment must have arrived in Beijing in early April and been awaiting in Customs. Checks should be made that this is not the situation with the rest of the FPOs.

LOTS 2.1 - 2.15 - SURVEY EQUIPMENT

SUPPLIER - DUNCAN AND ASSOCIATES
FPO Nos. 9-85485
9-85484

Paperwork Status:

Delivery Report and Receipt and Inspection Report in Xining only for FPO No. 9-85484. Invoice and AWB for FPO No.9-85485 also accompanied the DR and RIR for FPO No. 9-85484. Suggest that these consignments may arrive together.

Equipment Status:

No equipment on the above FPO's have arrived in Xining. CST Smith understands that this equipment is due in Xining any moment now.

Action/Notes

Suggest contact with shipping line/Agent to know docking time of the vessel.

LOT 2.16 - 2.19 - AQUARIA EQUIPMENT

SUPPLIER - C.J. SKILTON (Aquarists)
FPO No. none found

Paperwork Status:

The lack of paperwork on these items suggests that this supplier has not sent in his confirmation for this order. CST Smith knows that the FPO has arrived with the supplier.

Equipment Status:

No equipment has arrived and it is probable that it may not even have left the United Kingdom yet.

Action/Notes

If no confirmation order has been received suggest it be assumed that supplier cannot meet requirements. Order should therefore be officially cancelled. This equipment is of low priority and alternative supplier will be found by Smith and CTA advised so that new FPO can be issued.

LOT 3 - RESEARCH MICROSCOPE

SUPPLIER - WILD LEITZ
FPO 9-85487

Paperwork Status:

No paperwork in Xining. FAO Beijing has had contact with this supplier directly

Equipment Status:

This item is believed to be on its way to Beijing after a number of administrative problems to be overcome by supplier.

Action/Notes

Advice needed on the current situation.

LOT 4.1 - 4.3 OUTBOARD ENGINES

SUPPLIER: YAMAHA OUTBOARDS
FPO No. 9-89011

Paperwork status:

Copy of FPO 9-89011 in Xining signed by Yamaha 17 January 1990

Equipment Status:

No equipment on above FPO in Xining. FAO Beijing have had direct dealings with Yamaha and are best placed to advise on the current situation. Equipment is thought to be close to delivery.

LOT 4.4 - 4.5 - OFF ROAD MOTOR CYCLES

SUPPLIER - YAMAHA MOTORCYCLES
FPO No. 9-85488

Paperwork Status:

No available paperwork in Xining. Only paperwork seen suggests that the order has been cancelled although discussions seem to indicate that this is not the case. FAO Beijing have had direct discussions with Yamaha over this matter.

Equipment Status:

No equipment on the above FPO in Xining.

Action/Notes:

Suggest clarification needed on current status of this FPO. FAO to advise CST Smith on return to Beijing.

LOT 5 - LAKE CHEMISTRY PROFILER

SUPPLIER - PARTECH ELECTRONICS
FPO No. - unknown

Paperwork Status:

No paperwork in Xining although some has been seen at UNDP. Due to suppliers inability to supply the requested item, FAO HQ Rome (Dr.Chan) was contacted and authorised the changes in the specification. In order to avoid severe delay to the project (this item is vital to the surveying of Qinghai Lake), this equipment was hand carried by CST Smith from UK to Xining.

Equipment Status:

All equipment supplied under this FPO (with adjustments) now in Xining and in working order.

Action/Notes:

Telex to be sent to Mr. David Parker of Partech Electronics (Tlx No United Kingdom 45362) to confirm that replacement items will be no more expensive than originally quoted for unavailable item (\$12,400). As this item was hand carried by CST Smith, no air freight is applicable and reimbursement of the CST is required from Project Funds.

LOT 6.1 = 6.3 - PORTABLE LABORATORY

SUPPLIER - PALINTEST
FPO Nos. 9-85490
9-85491

Paperwork Status:

Delivery Report, Receiving and Inspection report (dated 8/1/90 and 31/1/90) AWB, Invoice, packing list all in Xining. DR and RIR not returned to Beijing. Forwarded with CST Edwards 16 May 1990.

Equipment Status:

FPO 9-85491 under AWB 7817530 all in order and OK. This arrived in a box 67 x 45 x 29 cm weighing 12kg and containing chemical reagents only.

FPO 9-85490 under AWB 160-62186876 is NOT repeat NOT in order. All reagents listed in the packing list arrived safely and in order. However, only one PT260 Deluxe Photometer kit arrived instead of three ordered. As proof only 1 was despatched each weighs 2.25 kilos. The total box weight was given as 5kg so impossible that more than one was packed and despatched.

Action/Notes:

Send following telex to Palintest (United Kingdom 537479)

"RE OUR FIELD PURCHASE ORDER NO.9-85490 FOR THREE PT260 FOR CHINA UNDER CPR/88/077. ORDER IS INCOMPLETE AS PACKING LIST SHOWS 3 PT260 DESPATCHED BUT ONLY ONE WAS IN BOX. AS TOTAL WEIGHT OF BOX WAS 5KG IMPOSSIBLE THAT THREE WERE DESPATCHED. PLEASE DESPATCH MISSING TWO ITEMS AS SOON AS POSSIBLE AND ADVISE"

LOT 6.4 - ENVIRONMENTAL MULTI-PROBE

SUPPLIER - WALDEN PRECISION INSTRUMENTS
FPO No. 9-85492

Paperwork Status:

Delivery Report and Receipt and Inspection Report dated 3 April 1990 given to CST Smith 25/5/90. AWB shows despatch from the UK 7 March 1990.

Equipment Status:

No equipment has arrived in Xining

Action/Notes

Assess current situation with UNDP as it appears that these items were despatched from the UK months ago. Presume they are in Beijing Customs.

LOT 6.5 - 6.8 ELECTROFISHING APPARATUS

SUPPLIER : ELECTROCATCH
FPO No. 9-85493

Paperwork Status:

Delivery Report, Receiving and Inspection Report (dated 1/2/90) AWB, and Invoice all in Xining but DR and RIR not completed and returned despite package being opened. DR and RIR returned to Beijing with CTA Edwards on 16/5/90.

Equipment Status:

All equipment arrived in good order and as per specification.

Action/Notes:

AWB shows this item despatched from the UK 30/1/90. Even allowing for delay from Beijing to Xining, the supplier should receive payment (for which authorization is hereby requested). Again, package opened but DR and RIR not returned to Beijing.

LOT 7.1 - 7.16 - SURVEY VESSEL EQUIPMENT

SUPPLIER - GRANDSDEN MARINE
FPO Nos. 9-85494
9-85495

Paperwork status:

Delivery Report and Receipt and Inspection Report arrived 25/5/90 dated 8 May 1990 with both FPO's on same DR and RIR. Copy of Bill of Lading and packing note also in Xining.

Equipment Status:

Believed that this equipment is in Beijing or will be arriving shortly.

Action/Notes:

Suggest an update is needed on these FPO's status.

LOT 7.17 - 7.18- WATERPROOF BOOKS AND PENS

SUPPLIER - HAWKINS AND MAINWARING

FPO No. 9-85496

Paperwork Status:

No paperwork in Xining. Possibly completed and sent back to Beijing.

Equipment Status:

All goods arrived safely and in good order.

Action/Notes:

These items have been in Xining for some time and if suppliers account is still outstanding it should be settled immediately.

LOT 7.19 - 7.26 - BALANCES AND LIGHTS

SUPPLIER: ANGLERS DEN

FPO No. 9-85497

Paperwork Status:

No paperwork in Xining and none seen at UNDP. FAO Beijing believed to have copied the relevant information to UNDP a long time ago.

Equipment Status:

All equipment under this FPO arrived safely and in working order in Xining some time ago.

Action/Notes:

These items have been in Xining for some considerable time and the supplier should be paid as soon as possible.

LOT 8 - NETS

SUPPLIER - UNKNOWN

Paperwork Status:

Despite the note in CST Smith's Report of September 1989 no action appears to have been taken as CST Dunn and FAO Fishing Industry Group have not liaised.

Equipment Status:

No nets have been ordered or supplied.

Action/Notes:

CST Smith to reiterate original request to FII Division, FAO, Rome.

LOT 9.1 - NAVIGATION AND COMMUNICATION EQUIPMENT

SUPPLIER: EAGLE ELECTRONICS
FPO No. Unknown

Paperwork Status:

No paperwork in Xining. It is possible that this supplier has not returned the confirmation

Equipment Status:

No equipment under this FPO has arrived in Xining.

Action/Notes:

Check with FPO's to see if a)one was issued and b) confirmation of receipt has been obtained. If both above not affirmative suggest issue new FPO issued to Anglers Den (see item 7.19 for details). This suppliers have vast experience in this field and have supplied other equipment quickly and efficiently. CST Smith to ascertain alternative sources of supply on return to UK.

LOT 9.2 - RADIO TELEPHONE

SUPPLIER - ICOM (UK)
FPO No. 9-85499

Paperwork Status:

Delivery report, Receiving and Inspection Report (dated 13/3/90 , invoice and AWB returned to Beijing

Equipment Status:

All items delivered safely to Xining . Unable to assess operating status until it is fixed to survey vessel in a few months time.

Action/Notes:

This item arrived some time ago in Xining and supplier should have been paid. Boxes have been opened and DR and RIR filled in. These were returned to Xining with CTA Edwards 16/5/90.

LOT 9.3 - SATELLITE NAVIGATION SYSTEM

SUPPLIER - RAYTHEON MARINE
FPO No. 9-85500

Paperwork Status:

Delivery Report, Receiving and Inspection Report (dated 31/1/90), AWB and invoice all arrived in Xining and have been completed.

Equipment Status:

All items arrived safely and in good order. Unable to assess operational quality until it is fitted to the survey vessel.

Action/Notes:

Supplier has fulfilled contract and should be paid ASAP. DR and RIR will return with CTA Edwards.

LOT 9.4 - ALUMINIUM BOATS

SUPPLIER: LATENT BONDINGS
FPO No. 9-85501

Paperwork Status:

Delivery Report, Receipt and Inspection Report, Shipping note, invoice, and delivery note in Xining. DR and RIR will return to Beijing with CST Smith. This equipment is unsatisfactory and a report is being prepared for forwarding to UNDP/FAO Beijing.

Equipment Status:

Boats delivered 21 May 1990 to IAP prior to shipment to Qinghai:

Action/Notes: Inspection of the boats indicated a number of faults.

LOT 10 - BOOKS

SUPPLIER: MUNKSGAARD
PO 1040324

Paperwork Status:

Copy of Purchase Order from Rome in Xining

Equipment Status:

No books have arrived under this PO in Xining.

Action/Notes:

This order was placed on 14/11/89. The books should have arrived by now. Send tlx to FAO HQ asking them to follow up. Smith to check this on return to Rome.

LOT 11 = CHEMICALS

SUPPLIER: - LOCAL PURCHASES

Paperwork Status: None seen

Equipment Status: Most chemicals suggested in CST Smith report now in Xining although not in desired quantities. Situation being reviewed.

Action/Notes:

CST Smith will assess situation once laboratory is operational.