



**North
West
Water**

Dawson House, Great Sankey
Warrington WA5 3LW
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F2/B5

31st March 1982

To: Members of the Southern Area
Fisheries Advisory Committee:
(Messrs. J. S. Bailey (Chairman);
J. Blackburn; D. Bridgewood;
A.G.R. Brown; C. Holland; P. Neal;
R. Newton; J.A. Shanahan; Dr. M. Pugh Thomas;
and the Chairman of the Authority (G. Mann);
the Vice Chairman of the Authority (A. Richardson);
and the Chairman of the Regional Fisheries
Advisory Committee (T.A.F. Barnes) (ex officio)).

Dear Member,

Will you please attend a meeting of the SOUTHERN AREA FISHERIES
ADVISORY COMMITTEE to be held at 2.30 p.m. on WEDNESDAY, 7TH APRIL,
1982, in COMMITTEE ROOM No.1 at DAWSON HOUSE, GREAT SANKEY, for
consideration of the following business.

Yours faithfully,

W. H. CRACKLE,

Secretary and Solicitor.

A G E N D A

1. Apologies for absence.
2. Minutes of the meeting held on 21st October 1981, together with the minutes of the joint meeting of the Central and Southern Areas Fisheries Advisory Committees held on 18th January 1982, (previously circulated and approved by the Regional Fisheries Advisory Committee on 9th November 1981, and 1st February 1982, respectively. Enclosed herewith are the minutes of the Regional Fisheries Advisory Committee for 9th November and 14th December 1981, and for 1st February 1982).
3. Membership of the Committee.
4. Fishery Improvement Grant and Fishery Equipment Loan Schemes.
5. Rod and Line Fishing Licences Format.
6. Report by the Area Fisheries Officers on Fisheries Activities.
7. Calendar of Meetings 1982-83.
8. Any other business.

F1/B24

MINUTES OF A MEETING OF THE
REGIONAL FISHERIES ADVISORY COMMITTEE

9TH NOVEMBER 1981

Present: T. A. F. Barnes, Esq., (Chairman)
 J. S. Bailey, Esq. J. E. Gouldbourn, Esq.
 W. S. Bell, Esq. R. D. Houghton, Esq.
 A. G. R. Brown, Esq. J. Johnson, Esq.
 F. Bunting, Esq. I. Jones, Esq.
 H. Caunce, Esq. J. E. Redhead, Esq.
 E. P. Ecroyd, Esq. A. Richardson, Esq.
 J. H. Fell, Esq. Major J. G. W. Skipwith
 G. Wilson, Esq.

23. APOLOGIES FOR ABSENCE

Apologies for absence from the meeting were received from Mr. J. M. Croft, Mr. G. E. Lowe, Mr. G. Mann and Mr. Wm. McKenna.

24. MINUTES OF THE LAST MEETING

RESOLVED:

That the minutes of the last meeting of the Committee held on 21st September 1981, be approved as a correct record and signed by the Chairman.

25. MINUTES OF AREA ADVISORY COMMITTEES

(A) Northern Area

The Chairman of the Northern Area Advisory Committee submitted the minutes of the meeting held on 12th October 1981.

RESOLVED:

(1) That with the exception of minute no. 12 the minutes be approved.

(2) That the recommendation in minute no. 12 (Restructuring of Rod and Line Fishing Licence Duties) be considered under the appropriate agenda item.

(B) Central Area

In the absence of the Chairman of the Central Area Advisory Committee, Mr. J. H. Fell submitted the minutes of the meeting held on 14th October 1981.

RESOLVED:

(1) That with the exception of minute no's. 10 and 12 the minutes, be approved.

- (2) That the recommendation in minute no. 10 (Restructuring of Rod and Line Fishing Licence Duties) be considered under the appropriate agenda item.

Following consideration of the recommendation in minute no. 12 (Proposal for a fish trap on Forge Weir, River Lune) and of the factors taken into account by the Area Committee when formulating this recommendation, it was

RECOMMENDED:

That the recommendation of the Central Area Committee be not approved and that the construction of a fish trap at Forge Weir be carried out at the same time if and when permanent repairs to that weir are undertaken.

(C) Southern Area

The Chairman of the Southern Area Advisory Committee submitted the minutes of the meeting held on 21st October 1981.

RESOLVED:

- (1) That with the exception of minute no. 9 and subject to the deletion of the words 'at Ribchester' where those words appear in line 8 of minute no. 14 (Bostock Hall Stock Pond) the minutes be approved.
- (2) That the recommendation in minute no. 9 (Restructuring of Rod and Line Fishing Licence Duties) be considered under the appropriate agenda item.

26. RESTRUCTURING OF ROD AND LINE FISHING LICENCE DUTIES

Further to minute no. 12 of the meeting held on 13th July 1981, it was noted that the report on the restructuring of rod and line fishing licence duties had been considered by the three Area Committees. The Committee considered a report (attached hereto as an appendix) incorporating the recommendations of the Area Committees under the headings of A, B and C, and set out on the first page of the appendix. After a full debate on all the available options and in accordance with recommendation B(1) of the Central Area it was proposed and seconded that:

Subject to the cost of anti-poaching work being excluded from the activity analysis the four-tier licence structure whereby the unit price of season fishing licences would be: salmon £25.50; migratory trout £8.50; non-migratory trout £4.70 and coarse fish £3.45, be adopted by the Authority to take effect on and from 1st January 1983.

The following amendment was then proposed and seconded:

That the four tier licence structure as presented to the three Area Committees whereby the unit price of season fishing licences would be: salmon £36.00; migratory trout £12.00; non-migratory trout £3.60 and coarse fish £2.60, be adopted by the Authority to take effect on and from 1st January 1983.

There was an equality of votes on both the amendment and the substantive proposal: neither was therefore carried.

It was thereupon

RESOLVED:

- (1) That subject to the approval of the Policy and Resources Committee the four tier rod and line fishing licence structure comprising separate licences for salmon; migratory trout; non-migratory trout and freshwater fish and eels be adopted by the Authority to take effect on and from 1st January 1983.
- (2) That further consideration of licence duties be deferred to a special meeting of this Committee to take place at 2.15 p.m. on 14th December 1981, at Dawson House. In the interim the advice of the Policy and Resources Committee be sought on this matter.
- (3) That recommendation A of the Northern Area Committee be disapproved.
- (4) (i) That recommendation B(2) of the Central Area Committee be disapproved because the weekly close time for fishing for salmon and trout (other than with rod and line) in force in the River Lune by virtue of the River Lune Fishery Byelaws had been extended, to the detriment of the netsmen.

(ii) That the officers investigate and report on recommendation B(3) of the Central Area Committee.
- (5) That recommendations C(1) and (2) of the Southern Area Committee be approved.

27. COMMERCIAL EEL TRAPPING ON LAKE WINDERMERE

Further to minute no. 20(A) (3) of the last meeting and in accordance with instructions from the Policy and Resources Committee, the Committee received a detailed report on regulation, costs and effects on fisheries likely to result should the application by a professional eel trapper to fish with fyke nets for eels in Lake Windermere be granted.

The Committee was informed that since the report had been compiled, the applicant had been reported for alleged fishing offences including the use of fyke nets for which prosecutions were pending.

RECOMMENDED:

That no further action be taken on the application.

28. FISH TRAP ON ST. JOHN'S BECK, NEAR KESWICK, CUMBRIA

The Committee noted the Authority's intention to make formal application to MAFF to renew the existing approval to work a fish trap on St. John's Beck, near Keswick, Cumbria, for a further five years.

29. DRAFT NET LICENCES - RIVERS DERWENT AND ELLEN

It was noted that the Authority had approved the recommendation of the Policy and Resources Committee that a decision on fixing duties for the use of draft nets in the estuaries of the Rivers Derwent and Ellen be deferred pending the Minister's decision on the proposed new Fishery Byelaws.

30. OPTIONS AVAILABLE TO IMPROVE ACCESS FOR UNEMPLOYED PERSONS TO RECREATIONAL FACILITIES

Consideration was given to a recommendation of the Recreation Subcommittee that half price mid-week coarse fishing permits be made available at Worthington and Rivington for purchase by unemployed persons with rod licences on production of their unemployment card.

It was felt that should this concession be granted only persons living nearby would be able to take advantage of it. Those living further afield could create demands for equivalent or other concessions which the Authority would be unable to grant.

RECOMMENDED:

That no further action be taken on this matter.

NORTH WEST WATER AUTHORITYREGIONAL FISHERIES ADVISORY COMMITTEE9TH NOVEMBER 1981RESTRUCTURING OF ROD AND LINE FISHING LICENCE DUTIES

1. The report which follows was submitted to the three area committees at the October round of meetings. The recommendations of these committees are contained in their respective minutes, but for the convenience of members a summary of these recommendations is given below:-

- A. Recommendation of Northern Area Committee

"That the present three tier rod and line fishing licence structure, incorporating the part season salmon licence, be retained and that the Authority continue to apply, as at present, annual inflation increases to all existing rod and line fishing licence duties."

- B. Recommendations of Central Area Committee

"(1) That the cost of anti-poaching work be excluded from the fisheries budget and that subject thereto the four tier licence structure (option 1) be adopted by the Authority to take effect from 1st January 1983.

(2) That should the Authority seek to renew the present River Lune Fishery Byelaws (due to expire on 1st April 1983) then because of the extended close season for fishing for salmon with rod and line extant in the River Lune by virtue of those byelaws, the Authority create a special River Lune rod and line salmon licence at a discount of 25% of the normal full licence cost then in force within the Authority area, to be available annually for the full period of retention of the said byelaws.

(3) That in order to reduce the costs incurred by the Authority in printing and issuing fishing licences, the following procedures be investigated: blank, standard fishing licences together with self adhesive stamps indicating the type of licence and cost be printed and issued to distributors who on payment of the requisite fee by a purchaser would affix the appropriate stamp to a blank licence."

- C. Recommendations of Southern Area Committee

"(1) That the Authority adopt the proposed four tier licence structure comprising separate licences for salmon; migratory trout; non-migratory trout; freshwater fish and eels.

(2) That following the new fisheries committee structure approved by the Authority on 13th October 1980, whereby meetings of area committees take place twice yearly, the membership of any area committee member be reviewed on his failure to attend three consecutive meetings."

(It should be noted that (2) above arose because only five members were present.)

2. The effect of accepting the Central Advisory Committee's recommendation would be to alter the ratios produced by the previous analysis of activities and the way in which the expected income of £430,000 is shared by the different classes of anglers. These effects are shown below:-

	<u>Original Analysis</u>		<u>Revised Analysis</u>	
		£'000	(excluding anti-poaching)	£'000
Migratory Fish	51.2%	220	36.5%	157
Non-Migratory Trout	22.0%	95	28.5%	123
Coarse Fish	26.8%	<u>115</u>	35.0%	<u>150</u>
		<u>430</u>		<u>430</u>

The unit prices of season licences would then become:-

Salmon	£25.50
Migratory Trout	£ 8.50
Non-Migratory Trout	£ 4.70
Coarse Fish	£ 3.45

The Committee is now requested to make its own recommendations on this matter.

3. At the meeting held on 1st April the Central Area Advisory Committee requested details of other water authorities licence structures, the amount of expenditure which is transferred from Fisheries account to be recovered from the Environmental Service Charge, and the revenue from the sale of freshwater fish licences in 1979 compared with the income from the combined freshwater fish and brown trout licence in 1980. These details are to be found in Appendices I and II.
4. At the 13th July meeting the Regional Committee was reminded that a former resolution provided that in any future restructuring prime consideration be given to the introduction of a single tier rod and line whole area licence but the committee resolved that this report be based on the following guidelines:-
1. a four tier structure comprising separate licences for salmon, migratory trout, non migratory trout, freshwater fish and eels;
 2. a three tier structure, comprising separate licences for salmon and migratory trout, non migratory trout, freshwater fish and eels;
 3. a three tier structure comprising separate licences for salmon, migratory trout and non migratory trout, freshwater fish and eels;
 4. that the part season salmon licence be excluded from the structures;
 5. that the nil duty licence for juveniles aged 10-13 years inclusive be excluded from the structures.

5. To assist in this restructuring exercise the Fisheries Department has prepared an analysis of their activities to show how their time and resources are deployed with the following results:-

Migratory fisheries	51.2%
Non migratory trout	22.0%
Coarse fisheries	26.8%

The detailed analysis is shown in Appendix III

6. No new licence structure can operate before 1st January 1983 therefore the full impact will not be felt until the financial year 1983-84. When the Policy and Resources Committee agreed to the structure review they made the proviso that the level of contribution towards working expenses should at least be maintained. It is estimated that the income from rod and line licence duties to obtain such a contribution in 1983-84 should be £430,000 being 47.2% of the total estimated direct costs of fisheries. The direct costs are those costs directly controlled by the Regional Fisheries Officer.
7. When this amount is apportioned in accordance with the Fishery Department's time and resources analysis the result is:-

	£'000
51.2% to be met from migratory fish licences	= 220
22.0% to be met from non migratory fish licences	= 95
26.8% to be met from freshwater fish licences	= 115

and the appropriate unit prices per licence, expressed in terms of a full season licence, are as follows:-

1982 Unit Prices (including 10% applied for)		Estimated Sales (in terms of Full Season)	4 Tier	3 Tier	3 Tier
£p		No	£p	£p	£p
19.80	Salmon	5,400	36.00)		36.00
)	28.90	
6.60	Migratory Trout	2,200	12.00))	
))	4.30
	(Non Migratory (Trout	26,100	3.60	3.60)	
3.90	((Freshwater Fish (and Eels	43,400	2.60	2.60	2.60

To facilitate presentation the estimated number of licences to be sold has been based on the assumption that concessionary licences for juniors and pensioners and seven day licences will be fixed in the same ratio to a full season licence as at present e.g. juniors and pensioners at 50% of the full season licence and the seven day salmon licence at 1/6 of the full season duty. If these ratios were increased it would have the effect of reducing the full season licence duty.

8. In the past when restructuring of licence duties was under discussion there has been considerable argument about what costs the Authority should bear and what licence income should cover. In this exercise direct costs only are under consideration and administrative overheads, financing charges etc. have been left out of account. This is in accordance with the requirement of the Policy and Resources Committee that the contribution from licence income towards operating costs should be at the same level as at present. That contribution is estimated at £430,000 in 1983-84 and the above unit licence duties are set at a level to produce that income being only 47.2% of direct costs. There can therefore be no argument about licence income contributing to some activities to which it should not contribute. Any suggestion to reduce any of the above unit licence duties could only be met by a commensurate increase in the other licence duties in order to achieve the overall target income of £430,000. This is the first time that income from the various types of licences has been related to the manner in which fisheries resources are deployed. It is a firm basis which can be justified to all classes of anglers.
9. In 1979, the year before the last restructuring, there was a combined salmon and migratory trout licence. There was considerable objection to this which resulted in separate licences being proposed and included in the new structure which came into operation on 1st January 1980. As a result the number of licences sold increased and there was a consequent increase in revenue as the following figures show:-

	1979			1980		
	Price £p	No.	Amount £	Price £p	No.	Amount £
Salmon - season	15.60	1723	26,957	15.00	1862	27,930
Salmon to 31st May	7.80	25	195			
Salmon from 1st June	9.00	3040	27,360	10.00	2673	26,730
Salmon season - reduced duty	6.50	686	4,459	7.50	644	4,830
Salmon to 31st May - reduced duty	3.25	7	23			
Salmon from 1st June - reduced duty	4.00	583	2,332	5.00	571	2,855
Salmon 7 day	2.60	3174	5,652	2.50	2013	5,032
Migratory trout - season				5.00	1867	9,335
Migratory trout - reduced duty				2.50	305	763
Migratory trout - seven day				1.00	956	956
		<u>9238</u>	<u>66,978</u>		<u>10891</u>	<u>78,431</u>

It would be a retrograde step to introduce a combined salmon and migratory trout licence.

10. If there was a combined migratory trout and brown trout licence the migratory trout angler would be paying a lesser amount than under the separate licence proposals and the brown trout anglers would be paying more. This would be contrary to the basic principle that the total licence revenue should be equitably shared by the various classes of anglers by reference to the way in which the fisheries resources are deployed.
11. This basic principle is a fair and rational basis which can be justified to all classes of anglers. It would be totally unjustifiable to seek a greater or lesser contribution from any one particular class of angler. For this reason and the ones outlined above it is recommended that the revised structure should be a four tier structure comprising separate licences for salmon, migratory trout, non migratory trout, freshwater fish and eels.

1. SUMMARY OF ROD LICENCE STRUCTURES IN OTHER COMPARABLE WATER AUTHORITIES

<u>South West</u>	Three Tier	
	1.	Salmon and migratory trout
	2.	Non-migratory trout
	3.	Freshwater fish and eels
<u>Northumbria</u>	Three Tier	
	1.	Salmon and migratory trout
	2.	Non-migratory trout
	3.	Freshwater fish and eels
<u>Wales</u>	Three Tier	
	1.	Salmon and migratory trout
	2.	Non migratory trout
	3.	Freshwater fish and eels
<u>Wessex</u>	Three Tier	
	1.	Salmon
	2.	Trout (including migratory)
	3.	Freshwater fish and eels
<u>Southern</u>	Three Tier	
	1.	Salmon
	2.	Trout (including migratory)
	3.	Freshwater fish and eels
<u>Severn Trent</u>	Two Tier	(Proposals for 1982-83)
	1.	Salmon and migratory trout
	2.	Non-migratory trout, freshwater fish and eels
<u>Yorkshire</u>	Two Tier	(Proposals for 1982-83)
	1.	Salmon and migratory trout
	2.	Non-migratory trout, freshwater fish and eels

2. FISHERY EXPENDITURE CHARGED TO ENVIRONMENTAL SERVICES CHARGE (1981-82 Revised Estimate)

		£'000
Fisheries Gross Expenditure		1,351
Less Licence Income - Rod and Line	344	
Nets	10	
Other Income	<u>8</u>	<u>362</u>
Balance charged to ESC		<u>989</u>

LICENCE SALES 1979 AND 1980

1. To make the figures comparable, the 1979 figures include the sales of non-migratory trout licences.

2. <u>1979</u>	<u>Licence Duty</u> £p	<u>No. Sold</u>	<u>Value</u> £p
<u>Non-Migratory Trout</u>			
Full year	2.60	23,878	62,082.80
Reduced duty	1.25	4,382	5,477.50
Seven day	0.65	<u>13,245</u>	<u>8,609.25</u>
		<u>41,505</u>	<u>76,169.55</u>
<u>Freshwater Fish and Eels</u>			
Full year	1.25	29,840	37,300.00
Reduced duty	0.65	5,937	3,859.05
Seven day	0.35	3,979	1,392.65
<u>Mersey and Weaver Area</u>			
Full year	0.65	11,961	7,774.65
Reduced duty	0.35	<u>3,294</u>	<u>1,152.90</u>
		<u>55,011</u>	<u>51,479.25</u>
		<u>96,516</u>	<u>127,648.80</u>
		=====	=====
<u>1980</u>			
<u>Non-Migratory Trout & Freshwater Fish</u>			
Full year	3.00	57,459	172,377.00
Reduced duty	1.50	12,740	19,110.00
Seven day	0.50	<u>18,944</u>	<u>9,472.00</u>
		<u>89,143</u>	<u>200,959.00</u>
		=====	=====

DIRECT COSTS OF FISHERIES - 1981-2 ESTIMATES

1. <u>Subjective Analysis</u>		2. <u>Activity Analysis</u>		Mig.	Non	Coarse	Total	
£			Fish	Fish	Mig.	Fish		%
			£'000	£'000	£'000	£'000	£'000	
Employees:								
Salaries	471,292							
Wages	3,625	1. Patrols, licence						
Other	9,830	checks & enforcement	51	74	68	193	27	
Running Costs:		2. Anti-poaching	168	1	-	169	23	
Electricity	4,042	3. Propagation	85	38	10	133	18	
Other power	101	4. Coarse fish -						
Rents	1,370	removal & transfer	-	-	46	46	6	
Rates	1,295	5. Fish surveys	20	17	37	74	10	
SESC	20	6. Advice to clubs	2	6	8	16	2	
Chemicals	12,575	7. Offences and other						
Materials	6,880	reports	23	11	14	48	6	
Hired & Contracted Services	920	8. Fish mortalities and						
Transport and Plant		pollution	6	7	8	21	3	
Own Vehicles and Plant	32,186	9. Stocking consents	-	6	5	11	2	
Car allowances	87,345	10. Fish counters	18	-	-	18	3	
Telephones	150							
Travel subsistence	11,563		373	160	196	729	100	
Other	32,185	% of Total Cost	51.2	22	26.8		100	
Inflation Provision	54,000		====	====	====		====	
	729,379							
	=====							

MINUTES OF A MEETING OF THE
REGIONAL FISHERIES ADVISORY COMMITTEE

14TH DECEMBER 1981

Present: T. A. F. Barnes, Esq., (Chairman)
A. G. R. Brown, Esq. R. D. Houghton, Esq.
E. P. Ecroyd, Esq. G. E. Lowe, Esq.,
Major J. G. W. Skipwith

31. APOLOGIES FOR ABSENCE

Apologies for absence from the meeting were received from Mr. J.S. Bailey, Mr. W.S. Bell, Mr. F. Bunting, Mr. J.M. Croft, Mr. T.M. Farrer. Mr. J.H. Fell, Mr. J. Johnson, Mr. I. Jones, Mr. G. Mann, Mr. Wm. McKenna, Mr. J.E. Redhead and Mr. G. Wilson.

32. MINUTES OF THE LAST MEETING

RESOLVED:

That the minutes of the last meeting of the Committee held on 9th November 1981, be approved as a correct record and signed by the Chairman.

33. RESTRUCTURING OF ROD AND LINE FISHING LICENCE DUTIES

On 9th November 1981, the Committee had resolved, inter alia, that the advice of the Policy and Resources Committee be sought on the restructuring of the rod and line fishing licence duties and on 30th November that Committee had made the following recommendations which had been approved by the Authority this day.

(1) That the Regional Fisheries Advisory Committee's recommendation for a four-tier rod and line fishing licence structure to take effect on and from 1st January 1983, comprising separate licences for salmon; migratory trout; non-migratory trout; and freshwater fish and eels, be approved.

(2) That a target total income from rod and line fishing licences be determined for 1983-84 and thereafter; and that that total income figure be borne by the various angling interests according to the way in which fisheries resources are deployed, after excluding 50% of the cost of anti-poaching and 15% of the remaining costs of migratory fisheries to reflect the benefit derived by netmen.

(3) That to implement this policy, on and from 1st January 1983 seasonal licence duties for migratory fisheries be based on £27 (i.e. £27 for salmon and £9 for migratory trout), for brown trout £4, and coarse fish £3, with a view to recovering £399,000 as the target total income in 1983-84.

(4) That the views of the coarse fish anglers be obtained on the provision in 1983-84 of cash grants for approved fishery improvement schemes and the free loan of equipment, and their willingness to pay for that provision by an appropriate increase in the licence duty.

(5) That having regard to the above proposals for income from rod and line licences, further consideration be given to the appropriate proportion of fisheries operating costs which should be met by net licence duties and to discussions with the Ministry of Agriculture, Fisheries and Food about such duties.

(6) That the Regional Fisheries Advisory Committee be informed accordingly and further, be asked to consider the possibility of an approach to police authorities seeking contributions to the expenditure incurred by the Authority on anti-poaching activities.

Copies of these recommendations together with a report thereon had been sent to all Members of Area Committees on 8th December 1981, (the date the meeting agenda was despatched) seeking their views on the proposals, and the Committee was apprised of the nature of all replies.

Consideration was also given to a supplemental paper including a schedule of proposed licence duties (attached hereto as an Appendix) derived from the seasonal licence duties, as approved by the Authority, which were in accordance with previous decisions of the Committee.

Concern was expressed at the sharp contrast between the cost of the proposed salmon only and the migratory trout only rod and line licence. It was felt that this could be reviewed once the effect of the new duties could be truly assessed.

RESOLVED:

That recommendations (1) to (6) of the meeting of the Policy and Resources Committee on 30th November 1981 as approved by the Authority this day, concerning restructuring of rod and line fishing licence duties be noted.

RECOMMENDED:

(1) That without prejudice to the agreed establishment of a four tier rod and line fishing licence structure, the cost differential between the salmon only and the migratory trout only licence duties be reviewed once the effect of the new duties on the sales of such licences is known and in any case not later than two years from the agreed date for commencement of the new duties, 1st January 1983.

(2) That the proposed duties for the season concessionary and the seven day fishing licences for salmon and for migratory trout, set out in paragraph 1(1) and (2) of the Appendix to these minutes be approved, viz:

(1) Salmon

Season concessionary	£13.50
Seven day	£4.50

(2) Migratory Trout

Seasonal concessionary	£4.50
Seven day	£1.50

(3) That because as indicated in paragraph 3 of the Appendix, a 10p commission, plus 2% of sales value is paid to licence dealers for each licence sold, a minimum duty of £1 should apply to all fishing licence duties.

(4) That having regard to (3) above, the proposed duty in respect of the season concessionary licence for non-migratory trout (brown trout, rainbow trout and char) set out in paragraph 1(4) of the Appendix to these minutes be approved but that the duty in respect of the seven day licence for such fish be increased to £1, viz:

(4) Non-migratory trout (brown trout, rainbow trout and char)

Season concessionary	£2.00
Seven day	£1.00

(5) That a special joint meeting of the Central and Southern Area Committees be convened at 2.30 p.m. on Monday, 18th January 1982, at West Cliff, Preston, to obtain the views of the coarse fish anglers on the provision in 1983-84 of cash grants for approved fishery improvement schemes and the free loan of equipment, and their willingness to pay for that provision by an appropriate increase in the licence duty for freshwater fish and eels as set out in paragraphs 1(5) and 2 of the Appendix to these minutes (the duty for seven day licences in this category being a minimum of £1 in any event in view of recommendation (3) above) and that their recommendations on this matter be reported to the next meeting of this Committee.

(6) That the Fishery Advisory Committee of the National Water Council be asked to consider the possibility of an approach being made to police authorities seeking contributions to the expenditure incurred by water authorities on anti-poaching activities.

NORTH WEST WATER AUTHORITYREGIONAL FISHERIES ADVISORY COMMITTEE14TH DECEMBER 1981RESTRUCTURING OF ROD AND LINE FISHING LICENCE DUTIES

1. The following schedule lists the proposed licence duties on and from 1st January 1983, derived from the seasonal licence duties as agreed by the Authority at today's meeting and in accordance with the previous decisions of this Committee.

	<u>Duty as at</u> <u>1st January 1982</u> £. p.	<u>Duty on & from</u> <u>1st January 1983</u> £. p.
<u>Single Rod and Line</u>		
(1) Salmon		
Season	19.80	27.00
Part season from June 1st	13.20	-
Season concessionary	9.90	13.50
Part season concessionary from June 1st	6.60	-
Seven day	3.30	4.50
(2) Migratory Trout		
Season	6.60	9.00
Season concessionary	3.30	4.50
Seven day	1.30	1.50
(3) Non-migratory Trout (brown trout, rainbow trout and char) freshwater fish and eels.		
Season	3.90	-
Season concessionary	1.90	-
Seven day	0.70	-
(4) Non-migratory trout (brown trout, rainbow trout and char)		
Season	-	4.00
Season concessionary	-	2.00
Seven day	-	0.70 *
(5) Freshwater fish and eels		
Season	-	3.00
Season concessionary	-	1.50
Seven day	-	0.50

Concessionary licences are issued to juveniles (14-16 years), state retirement pensioners and registered disabled persons.

2. If the offer extended to coarse anglers, regarding cash grants and loan of equipment is accepted, the licence duties in (5) above become:-

Season	3.20 *
Season concessionary	1.60
Seven day	0.50 *

* Rounded to nearest 10p.

3. The Committee is asked to consider whether, in view of the fact that a 10p commission plus 2% of sales value is paid to licence dealers for each licence sold, a minimum duty of £1 should apply to the seven day licence duties for non migratory trout and freshwater fish and eels.

MINUTES OF A MEETING OF THE
REGIONAL FISHERIES ADVISORY COMMITTEE

1ST FEBRUARY 1982

Present: T. A. F. Barnes, Esq. (Chairman)
J. S. Bailey, Esq. J. E. Gouldbourn, Esq.
W. S. Bell, Esq. R. D. Houghton, Esq.
F. Bunting, Esq. J. Johnson, Esq.
H. Counce, Esq. I. Jones, Esq.
J. M. Croft, Esq. J. E. Redhead, Esq.
E. P. Ecroyd, Esq. Major J. G. W. Skipwith,
J. H. Fell, Esq. G. Wilson, Esq.

34. APOLOGIES FOR ABSENCE

Apologies for absence from the meeting were received from Mr. A.G.R. Brown, Mr. G.E. Lowe, Mr. G. Mann and Mr. Wm. McKenna.

35. MINUTES OF THE LAST MEETING

RESOLVED:

That the minutes of the last meeting of the Committee held on 14th December 1981, be approved as a correct record and signed by the Chairman.

36. MINUTES OF JOINT MEETING OF THE CENTRAL AND SOUTHERN AREAS FISHERIES ADVISORY COMMITTEES.

RESOLVED:

(1) That with the exception of minute no.3 the minutes of the joint meeting of the Central and Southern Areas Advisory Committees held on 18th January 1982, be approved.

(2) That the recommendations contained in minute no.3 (Restructuring of Rod and Line Fishing Licence Duties) be considered under the appropriate Agenda item.

37. RESTRUCTURING OF ROD AND LINE FISHING LICENCE DUTIES

On 14th December 1981, the Committee had resolved, inter alia, that a paper containing proposals in connection with the introduction of a Fishery Improvement Grant Scheme and a Fishery Equipment Loan Scheme be submitted to a joint meeting of the Central and Southern Areas Advisory Committees. That paper is attached as an Appendix to these minutes.

On 18th January 1982, (minute no.3) the joint meeting considered the proposals and made the following recommendations which the Committee was invited to approve:

"(1) That the Fishery Improvement Grant Scheme and the Fishery Equipment Loan Scheme (as detailed in the Appendix to these minutes) be approved.

- (2) That having regard to (1) above, the proposed duty in respect of the full and concessionary season licences for freshwater fish and eels be increased by 20p and 10p respectively on and from 1st January 1983, viz:

Freshwater fish and eels

Season	£3.20
Season concessionary	£1.60

- (3) That subject to the approval of (1) and (2) above by the Regional Committee and by the Authority, the officers prepare a detailed paper on both schemes for submission to the three Area Committees at their meetings in March/April 1982."

It was agreed that once the schemes had been finalised they should be fully publicised amongst the coarse angling bodies; Mr. Johnson agreeing to liaise between the Authority and the National Federation of Anglers in this respect.

Discussion took place upon the feasibility of the Authority liaising with Local Authorities within the region with a view to such Authorities providing additional waters which could be used for angling.

RESOLVED:

That the officers carry out a feasibility study of co-operative development of angling by the Authority and District Councils and their findings be reported to the Area Advisory Committees for comment prior to submission to this Committee.

RECOMMENDED:

(1) That recommendations (1) to (3) of minute no.3 of the joint meeting of the Central and Southern Areas Fisheries Advisory Committees (as detailed above) be approved.

(2) That the Policy and Resources Committee be invited to approve the proposals to increase the rod and line fishing licence duties, in accordance with recommendation (1) above and with previous decisions of the Committee, as set out below, to come into force throughout the region on and from 1st January 1983:

PROPOSED ROD AND LINE FISHING LICENCE DUTIES
ON AND FROM 1ST JANUARY 1983

	<u>Duty on and from</u> <u>1st January 1983</u> £.p.
<u>Single Rod and Line</u>	
(1) Salmon	
Season	27.00
Season concessionary	13.50
Seven day	4.50
(2) Migratory Trout	
Season	9.00
Season concessionary	4.50
Seven day	1.50
(3) Non-migratory trout (brown trout, rainbow trout and char)	
Season	4.00
Season concessionary	2.00
Seven day	1.00
(4) Freshwater fish and eels	
Season	3.20
Season concessionary	1.60
Seven day	1.00

Concessionary licences are issued to juveniles (14-16 years), state retirement pensioners and registered disabled persons.

(3) That subject to the approval of recommendations (1) and (2) above by the Policy and Resources Committee, the Secretary and Solicitor be authorised:

(a) to publish a notice of the Authority's intention to fix these fishing licence duties in appropriate newspapers, as required by para. 3 of Schedule 2 to the Salmon and Freshwater Fisheries Act 1975;

(b) to take all such steps as may be necessary, including representation at a public inquiry, in the event of objections to the proposals being received by the Minister of Agriculture, Fisheries and Food.

38. FISHERIES INCOME AND EXPENDITURE

The Chairman referred to the fact that on 13th September 1977 (minute no. 63) the Finance and Personnel Sub-Committee had considered a report of an officers working party on the relationship between fisheries income and expenditure and had recommended, inter alia:

- "(1) That expenditure on fisheries account be contained for the immediate future by imposing a cash limit on expenditure, related to the £658,000 working expenses of the Rivers Division for 1977-78, plus an adjustment for future inflation."

The recommendation was approved by the Authority on 10th October 1977.

The Chairman expressed the view that in the past there had been no logical basis for the licence duties charged. Now, following a thorough assessment of how the resources of the Fisheries Department were deployed, the licence structure had been drastically revised so that types of fishery where more resources were deployed should expect to produce correspondingly more licence revenue than where less resources were deployed. The proposed structure now had a logical basis which could be supported by facts and figures.

He felt it was wrong that fisheries had been singled out for discriminatory treatment in the way of a frozen budget, and that in view of the agreed licence restructure as well as already increased licence revenue, the arbitrary freeze should be removed by formal resolution. There were in any case plenty of other constraints in force.

After full discussion the Committee

RECOMMENDED:

That the present "freeze" on the Fisheries revenue budget be rescinded by the Authority.

39. ANGLING AT STOCKS RESERVOIR

The Chairman reported that investigations were still being carried out into the possible promotion of a trout fishery at the reservoir by the private sector.

40. FISHING LICENCE DISTRIBUTORS

In response to questions concerning the appointment of agents to sell fishing licences on behalf of the Authority, the Regional Fisheries Officer undertook to investigate and clarify appointment procedures.

F2/A5

NORTH WEST WATER AUTHORITYSOUTHERN AREA
FISHERIES ADVISORY COMMITTEE7TH APRIL 1982MEMBERSHIP OF THE COMMITTEE

1. APPOINTMENT OF MR. J. BLACKBURN

On 21st October 1981, (minute no. 8) the Committee invited the Regional Committee to confirm the appointment of Mr. J. Blackburn of 447 Station Road, Winsford, to the Committee.

On 9th November 1981, (minute no. 25(C)(1)) the Regional Committee approved the appointment.

2. (a) Further to minute no. 8 of the last meeting, the Mersey and Weaver Anglers Consultative Association has nominated two of its members to serve on the Committee. They are:-

Mr. H. Lester,	and	Mr. F. R. James,
23 Liverpool Road,		34 Sweet Briar Crescent,
Great Sankey,		Crewe
Warrington.		
WA5 1ES		

- (b) Both nominees are active in the interests of angling within the area and the Committee is invited to recommend to the Regional Committee that they be appointed to the Committee.

F2/A12

NORTH WEST WATER AUTHORITY
SOUTHERN AREA
FISHERIES ADVISORY COMMITTEE

7TH APRIL 1982

FISHERY IMPROVEMENT GRANT AND FISHERY EQUIPMENT LOAN SCHEMES

1. In parallel with the introduction of a new rod licence structure in 1983, a small surcharge is to be made on the freshwater fish and eels licence. The amount involved will be 20p on the full, and 10p on the concessionary, season licences. The 7 day and 'block' (match fishing) licences will not carry any surcharge. The additional revenue will be used to finance two special schemes. One will deal with the provision of grant-aid, in approved cases, to club projects likely to benefit coarse fisheries. The other scheme will involve the setting up of a pool of miscellaneous fishery equipment which will be available on loan to clubs proposing to use it for the benefit of coarse fisheries. The surcharge on freshwater fish licences is expected to yield some £10,000 per annum and the division of this sum between two schemes will be flexible and varied according to demand.
2. In order to protect both the Authority and participants certain conditions will be required in administration of the schemes. The following conditions shall apply in relation to the fishery improvement grant scheme:-
 - (i) The scheme will be administered by the Regional Fisheries Officer, in collaboration with the Finance Officer, Rivers Division.
 - (ii) Applications for grant-aid will be accepted only from clubs and associations within the region in respect of any waters in the region.
 - (iii) Grant-aid will be given only for projects which are aimed at benefiting coarse fisheries. Preference will be given to small localised projects on waters greater than those of 1 hectare in area, the latter being waters for which no rod licence is required. However, at the RFO's discretion, and subject to availability of funds, limited expenditure on worthwhile schemes on waters under 1 hectare could be approved.
 - (iv) Grant will not be payable for purchases of fish for stocking.
 - (v) The rate of grant may vary, at the discretion of the Authority, having regard to the worthwhileness of the project. In no case shall grant-aid exceed 50% of the authorised or incurred expenditure whichever is less.
 - (vi) Applicants for grant-aid will be required to complete an application form, available from the Regional Fisheries Officer, giving details of their project and of relevant associated matters. Grant-aid will not be payable for projects started without approval. Upon receipt of approval of scheme proposals, work shall commence within two months and be

completed with in fifteen months thereafter. Failure to meet these requirements may result in all or part of the grant being withheld. There shall be no limit to the number and timing of projects submitted for approval, but no club or association would normally be permitted to have more than one approved project underway at any one time.

- (vii) Projects will need to satisfy the Regional Fisheries Officer and, if engineering works are involved, the Operations Manager, Rivers Division, that they are practicable, worthwhile and eligible for grant under these general conditions. Where the applicant does not own the fishing rights or the land involved, confirmation would normally be required of security of tenure for not less than 7 years ahead, and of the fishery/landowner's agreement to the work proposed. Should waters for which grant-aid is given be sold or transferred to other interests within a period of two years of completion of the project then the Authority may require reimbursement of all or part of the grant-aid.
 - (viii) Applicant clubs which do not already do so would be required to make available on completion of an Authority grant-aided project a number of day tickets (to be agreed with the Authority) for the benefit of the public on any fishing water involved in the project. Alternatively, a club with unrestricted membership and where there is no waiting list for entry may be deemed by the Authority to meet this requirement.
 - (ix) Payment of grant will be made by the Authority only on its being satisfied that the project has been completed properly in accordance with the approval and on production, by the club or association concerned, of receipted invoices for all work on the project. No payment will be made in respect of club labour or personal expenses by club members.
3. The following conditions shall apply in relation to the Fishery Equipment Loan Scheme:-
- (i) The Scheme will be administered for the whole region by the Area Fisheries Officer (South) at Bancroft House, Liverpool Road, Great Sankey, Warrington (Tel: Penketh 4161, ext. 3428) to whom all applications for loan of equipment should be addressed. The AFO (South) will also be responsible for ensuring that any necessary consents (e.g. for the use of nets or electric fishing gear) are issued to the borrower, and will liaise on this point with AFO(N), where equipment is to be used in his area.
 - (ii) A list of equipment available in the pool will be available on request from the Area Fisheries Officer (South).
 - (iii) Loan of equipment will be restricted to clubs intending to use it for the benefit of coarse fisheries. No charge will be made for loan of equipment unless transportation to/from site is required, or the equipment is returned in a damaged

condition and requires repair. Equipment will not be loaned for use on enclosed waters of less than 1 hectare in area, (these being waters for which no rod licence is required), except in circumstances specially authorised by the Regional Fisheries Officer.

- (iv) Electric fishing gear and chain-saws may not be used unless a member of the Fisheries Department, experienced in their use, is present and all proper safety precautions are observed.
- (v) Equipment will not normally be loaned out for a period of more than two weeks. This period may, however, be extended with the approval of the Area Fisheries Officer when in his opinion valid reasons exist.
- (vi) During the continuance of the loan period the borrower shall:-
 - (a) Ensure that when in use the equipment is operated in a skilful and proper manner and by persons who are competent to operate it.
 - (b) Keep the equipment in good repair and condition (fair wear and tear excepted) and will permit any officer of the Fisheries Department, at all reasonable times, to enter any premises in which the equipment is kept, for the purpose of examination.
 - (c) Make arrangements for the safe keeping of the equipment either at the address of the borrower or at some secure place near the site at which the work is being carried out.
 - (d) Not sell, let, loan, or otherwise dispose of, or part with, the equipment.
 - (e) Notify the Area Fisheries officer immediately of any damage to, or breakdown or loss of any of the equipment and seek advice on the necessary action to be taken.
 - (f) Pay to the Authority the cost of replacing, missing, damaged or broken equipment or parts thereof.
 - (g) Pay to the Authority all expenses (including legal costs on a full indemnity basis) incurred by the Authority or on its behalf in ascertaining the whereabouts of, or repossessing, the equipment, and of any legal proceedings taken by or on behalf of the Authority to enforce these conditions.
- (vii) The Authority accepts no responsibility of any kind for any defects in any equipment and does not warrant that it is suitable for the particular purposes for which it is or may be required. All conditions, warranties and representations, whether express or implied in favour of the borrower are hereby excluded.

- (viii) No liability whatsoever shall attach to the Authority either in contract or in tort for loss injury or damage (not being loss, injury or damage arising from the Authority's negligence) sustained by reason of any defect in the equipment whether such defect be latent or apparent on examination, or by reason of the use of the equipment by the borrower whether such use be authorised or not by these conditions or any other term of borrowing the equipment, and the Authority shall not be liable to indemnify the borrower in respect of any claim made against the borrower by a third party for any loss, injury or damage (except as aforesaid).
 - (ix) In these conditions "the equipment" includes all replacements and renewals thereof and all accessories and additions thereto whether made before or after the time and date of the issue of the equipment to the borrower.
 - (x) No relaxation forbearance or indulgence by the Authority in enforcing any of these conditions or any other term of borrowing the equipment nor the granting of time by the Authority to the borrower shall prejudice or affect the rights and powers of the Authority hereunder nor shall any waiver of any breach operate as a waiver for any subsequent or continuing breach.
4. The conditions above will be set out on the Equipment Issue Note. The provisions in (vi), (g) and (vii) to (x) are specifically for the protection of the Authority in respect of legal liabilities which might arise.

F2/B1

NORTH WEST WATER AUTHORITYSOUTHERN AREA
FISHERIES ADVISORY COMMITTEE7TH APRIL 1982ROD AND LINE FISHING LICENCES - FORMAT

1. At their meeting on 14th October 1981 the Central Area Fisheries Advisory Committee recommended:-

"That in order to reduce the costs incurred by the Authority in printing and issuing fishing licences, the following procedures be investigated: blank, standard fishing licences together with self-adhesive stamps indicating the type of licence and cost be printed and issued to distributors who on payment of the requisite fee by a purchaser would affix the appropriate stamp to a blank licence."

2. Two options seem open to the Authority in redesigning the present format. These are to re-design the present licence in a standardised printing arrangement using self adhesive stamps but still with counterfoil or a more radical change to licence cards also using self adhesive stamps. If the stamp system is to be used as an indicator of the category of licence, duty stamps will have to be printed for the 12 categories of licence which the Authority will issue for 1983. That is, the four tier system multiplied by the full, concessionary and seven day options.
3. Distribution and collection costs of the present licence forms (which are fastened together in booklets of 10 licences and 10 counterfoils) are not identified as a separate item in the Division costings, but the total cost of printing licences for 1982 was £4,200.
4. There are approximately 350 approved distribution outlets for the sale of Authority licences and, if the licences are in a re-designed booklet format, the distributors would still be responsible for completing personal details of the licence holder and time and date of issue before affixing the appropriate duty stamp. However, by using this booklet there would still be a carbon copy showing to whom the licence was issued, together with time and date of issue. For financial control each stamp would have to be transcribed to the carbon copy of the licence form. This in effect, would be additional work for licence distributors. With a re-designed format, on the above basis, there would be a marginal saving on printing and distribution costs. The estimated costs for 1982 on such a basis would have been £4,150.
5. The licence card system which has been in use with another Water Authority for several years, has a more attractive layout and sense of durability than the present licence and has advantages in terms of distribution and storage. The procedure used for these cards is that the person requiring the licence completes his/her personal details at the distribution point. The card does not, however, become a valid

licence until the distributor has inserted the time and date of issue, affixed the self-adhesive numbered stamp appropriate to the duty payable and cancelled the stamp manually or with his business rubber stamp. The cost of printing licence cards, including catch return cards, would be considerably less than the existing or re-designed booklet system. However, like the previous alternative, printing of duty stamps would still be necessary. Estimated cost for 1982 - £1,209.

6. There is no copy or counterfoil to be maintained by distributors and this is a significant saving in time taken in issuing and in storage space for distributors. As there is no copy or counterfoil, a warning to the licence holder is printed conspicuously on both sides of the licence to the effect that should the licence be lost or mislaid a duplicate cannot be issued.
7. To the angler who loses his licence this would be cause for apprehension, irritation and another payment. However, it has far greater significance if the angler is asked to produce the licence by a bailiff or other authorised person and is unable to do so. Many anglers when asked to produce a licence claim that they have left it at home. In some cases this is genuine, but in others false and no licence is actually held. Under the terms of section 35(3), Salmon and Freshwater Fisheries Act 1975 they are then granted 7 days to produce their licence or proof of purchase. If they do not produce a licence or proof of purchase within the 7 days prosecution normally follows. The card system without a copy or counterfoil means that the angler who has lost a licence is in no different position from others who have not purchased a licence but claim to possess one when questioned. In considering prosecution it would be virtually impossible for the Authority to distinguish between the cases and both would be at the risk of prosecution. Whether asked to produce a licence or not, the onus would be on anglers to avoid their loss.
8. Apart from this aspect, the use of the licence card and stamp system has considerable advantages over the existing method including simplification of completion at distribution outlets, savings in printing cost and the end of the year records are reduced from a bulk of unused and completed licence forms and counterfoils to unused stamps. The Committee should appreciate that if the simplified licence card system is introduced, reversal to a more complex system in future would probably be met with considerable opposition by distributors. The officers are of the view that the licence card and stamp system has considerable merit and should be introduced in time for the 1983 season. The Committee is invited to consider and comment upon the proposals.

F2/A16

NORTH WEST WATER AUTHORITYSOUTHERN AREA
FISHERIES ADVISORY COMMITTEE7TH APRIL, 1982.REPORT BY THE AREA FISHERIES OFFICER ON FISHERIES ACTIVITIES
SEPTEMBER - JANUARY 1981-82

1. RIVER CONDITIONS AND FISHING

With the exception of a period of unusually low temperatures which extended over a five week period during December - January, the wet weather conditions maintained river levels above normal for most of the review period.

The River Weaver has fished reasonably well in the Nantwich area where quite good catches of chub, roach and dace were taken. The River Dane has also produced some good catches and a 6½ lb barbel was caught at Byley; there is also an unconfirmed report of a 10 lb barbel taken at Croxton.

Angling success on canals has been patchy with some good catches at various times. The Shropshire Union Canal has fished fairly consistently with regular catches of bream up to 30 lbs total weight. The Leeds/Liverpool Canal has produced some good catches with some large perch taken in the Lydiate area. Small carp introduced to the St. Helens Canal from the pilot hatchery have reached 6 - 8 ozs and are now being caught by anglers fishing the Church Street area.

Sport on the stillwater fisheries has also been variable with no single water fishing consistently well. Carp of around 12 ozs are now being taken at Woods Meadow, Davenham following a stocking with fry from the pilot hatchery. Other notable catches were an 18 lb carp from Heaton Park Lake, Manchester and a 2½ lb roach from Scotsmans Flash.

2. HATCHERIES

Hollingworth Hatchery

The rainbow trout in the reservoir cages were graded and counted during November and the stock being held for development to stockable size is as follows:-

46,000 0+ fish 3 - 6" in length
31,500 1+ fish 6 - 8" in length

Due to the condition of the Hollingworth embankment the reservoir is to be drained and abandoned as a water storage area in the spring of 1984. Consequently no further development of fry will be undertaken and our fish rearing operation at this site will cease at the end of summer 1983 when the 0+ fish now being held will all have been stocked out.

Pilot Hatchery

No stripping of fish was undertaken during the review period but brood stock are being held for stripping in mid February after which a further batch of fry will be developed. A new automatic multiple belt feeder has been designed, constructed and tested and the use of this system of feeding should improve productivity.

3. STOCKING BY THE AUTHORITY

During the review period 200 crucian carp were given to Liverpool University for research purposes.

Transfers for Clubs Carried Out by Authority Staff

During the review period a total of 121,220 mixed coarse fish were moved for 13 angling clubs. The two largest operations involved the movement of fish from waters being drained for repair work. In the first operation 35,000 perch were rescued from High Ridd Reservoir and transferred to Jumbles Reservoir and in the second an estimated 53,000 fish were removed from a section of the Shropshire Union Canal, which was being dewatered, and transferred to an unaffected length.

4. STOCKING AND/OR RESTOCKING BY ANGLING ASSOCIATIONS

Consents have been issued to introduce the following fish and fish ova:-

Brown trout	350
Rainbow trout	47,995
Mirror carp	338
Common carp	151
Crucian carp	3,094
Roach	33,592
Bream	6,563
Tench	1,117
Perch	9,375
Rudd	3,896
Gudgeon	900
Barbel	12
Grayling	2,000
Grass carp	640
Mixed coarse fish	4,782
	<hr/>
TOTAL	114,805
	<hr/>
Rainbow trout ova	25,000

In addition to the above 1,000 brown trout and 600 rainbow trout were stocked into the Authority's own stillwater trout fisheries in the area.

5. FISH MORTALITIES

During the review period 7 incidents of fish mortality were investigated. The species and numbers of fish killed were as follows:-

Brown trout	51
Roach	362
Carp	27
Perch	21
Mixed coarse fish	12,000
	<hr/>
	12,461

Of these 7 incidents, 3 involved over 100 fish as follows:-

<u>Date</u>	<u>Site</u>	<u>Club</u>	<u>Species</u>	<u>Number</u>	<u>Cause</u>
15.9.81	Macclesfield Canal at Scholar Green	Crewe LMR	Mixed coarse fish	4,000	Farm drainage
4.11.81	Shropshire Union Canal, Church Minshull	Cheshire A.A.	Mixed coarse fish	8,000	Farm drainage
6.1.82	Ashton Canal, Droylsden Arm	Moorside A.C.	Roach Carp	350 7	Frozen solid in ice

6. FISH DISEASE

During the review period seven occurrences of fish disease were noted. In all cases losses of fish were negligible.

7. MANAGEMENT WORK

During the review period 29 site visits were made for the purpose of giving fisheries advice. In addition 20 fishery investigations were carried out involving the use of netting and electro-fishing equipment.

F2/A8

NORTH WEST WATER AUTHORITYSOUTHERN AREA
FISHERIES ADVISORY COMMITTEE7TH APRIL 1982CALENDAR OF MEETINGS, 1982-83

1. On 1st March 1982, the Policy and Resources Committee approved a draft calendar of meetings for the Authority, Committees and Sub-Committees for the 'Authority Year' from June 1982 to June 1983 for submission to the Authority for consideration in accordance with Rule 1(3) of the Rules of the Authority at the Annual Meeting to be held on 14th June 1982.
2. The dates proposed for meetings of the Regional and Area Fisheries Advisory Committees are set out in the appendix hereto for the information of members. Any variations made at the Annual Meeting will be notified.

APPENDIX

REGIONAL AND AREA FISHERIES ADVISORY COMMITTEESCALENDAR OF MEETINGS 1982-83

<u>ADVISORY COMMITTEE</u>	<u>TIME AND DATE OF MEETING</u>	
REGIONAL	2.15 p.m. Monday	5th July 1982
Northern Area	2.30 p.m. Monday	11th October 1982
Central Area	2.30 p.m. Wednesday	13th October 1982
Southern Area	2.30 p.m. Wednesday	20th October 1982
REGIONAL	2.15 p.m. Monday	8th November 1982
REGIONAL	2.15 p.m. Monday	31st January 1983
Northern Area	2.30 p.m. Monday	28th March 1983
Central Area	2.30 p.m. Wednesday	30th March 1983
Southern Area	2.30 p.m. Wednesday	6th April 1983
REGIONAL	2.15 p.m. Monday	25th April 1983