

FIRTA  
c/- Dept. of Primary Industry,  
Edmund Barton Building,  
Broughton Street,  
BARTON. A.C.T. 2600.

Rostra PTY,LTD,  
P.O. Box 955,  
ALBANY, W.A. 6000.

Reference number 85/101.

Dear Sir/Madam,

Rostra Pty Ltd have nearly completed half of the project this report etc will bring you up to date.

Total days - Kerrisma - 20.

Moonshine - 18.

Copy of position etc attached.

Unfortunately we caught no size tuna suitable for sashimi, the shelf looked dead for most of the time, areas of bait were small and the shelf is hard to work in many areas as it is a long way from ports and safe anchorages. The large yellowfin that were sighted seem to be only behind the prawn trawlers and they don't like fishing vessels moving onto their fish, to fish these yellowfin tuna you must work in with the skipper and crew and its not always that they see them. In the four weeks I was in touch with one of the vessels he was working down the southern end of the gulf where large tuna dont show.

After a discussion with Bill Hughes and the W.A.Fisheries and Hughy Gilbert and Peter Kerr it was realized that to carry on up north was wasting FIRTA money and was decided that the best option was to take the bigeye tuna where we know they are most likely to be even though Mike Walker head of Tuna research in W.A. thought that we should carry on because even catching nothing proves something to him, but as fisherman we dont see it that way so we stopped.

Costs were much higher than expected and catching nothing dampens the crews spirit.

A proposal change is requested on ports to work out of and we believe that we must have the freedom of fishing where we think is most likely to produce fish and not Mike Walker telling us where to go.

We would like to start again as soon as possible working ou of Albany.

We propose to start again on the first or second week of October and hopefully one of your staff will come over to oversee the project.

Yours faithfully,



Peter W. Kerr.

Managing Director Rostra Pty Ltd.

Rostra PL 85/101.

PROPOSAL      Change of ports

Owing to unforeseen circumstances and information gained in the first half of the project.

Owing to the high costs of working away from home port and as we failed in finding sashimi tuna in our first 30 days it is now proposed that Albany and Esperance be the ports to work out of for the last 38 days as:

1. Bigeye tuna have been sighted by pole vessels south west of Esperance on the shelf.
2. Japanese longliners working south of Albany 20-9-85.
3. Costs of working away from Albany were higher than expected.
4. The catching of no sashimi was not foreseen and there was a great strain on financial resources.

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Fisheries Department,  
108 Adelaide Terrace,  
PERTH, W.A. 6000.  
Director of Fisheries.

Rostra Pty Ltd,  
P.O. Box 955.  
ALBANY, W.A. 6330.

Dear Mr Bowen,

As you are aware that my company was awarded a firm grant for the W.A. coast to look into sashimi, we have finished nearly half of the project and unfortunately it was unsuccessful so far in finding the sashimi, also our costs were higher than expected so it looks like our only chance of success is on the south coast on the bigeye tuna as it seems the big yellowfin are only inshore up north and not on the shelf as in the east. When we were up there we also took the chance to look at NBF and have sent you a copy.

The other reason for writing is to make you aware of what's happening in your other departments which I have thought over for the last few weeks and find difficult to do.

At the end of July I arrived in Perth driving down from Geraldton where my vessel had just arrived in port after having worked out of Carnarvon I then reported to Mike Walker on the project but unfortunately he was in some sort of bad mood and didn't want to discuss the sashimi project he called me several names for example quote "you wouldn't make fishermans assholes" and he referred that Hughy was in the same class then he ordered me out of the building.

I find this kind of attitude for someone in his position an absolute disgrace to the department. Hughy and myself put every effort and more into this project especially as we wanted it to work more than anyone else and I find that Mike Walker should have no reason what so ever for any complaint. Mike's crew of Stuart and Rob are excellent to work with and would so again but never with Mike Walker running the show, he doesn't understand the fishing operations and how they work.

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Mike Walker says that the Japanese were working up in our area in July and that we didn't look hard enough but the fact is as per DPI sheet (enclosed a copy) no Japanese were within 800 to 1000 miles of us.

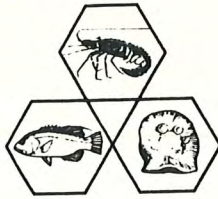
Mike unfortunately doesn't appreciate the time and effort I have given the department on the sashimi course etc. We will be thinking twice in the future involvement with the department when all you are trying to do is stay in the industry.

Hughy and myself are not at all impressed with Mike Walkers attitude and you only have to talk to other fisherman who have dealt with Mike Walker to find that he is most disliked. Give us back Jack Robins anyday!

Yours faithfully,

PETER W. KERR

Copy to Bill



**WESTERN AUSTRALIAN MARINE RESEARCH LABORATORIES**

West Coast Highway, Waterman. Phone 447 1366  
Box 20, P.O. North Beach, W.A. 6020

our ref:

your ref:

Mr P. Kerr  
P.O. Box 953  
ALBANY WA 6330

Dear Peter

Enclosed are copies of your logsheets, etc. from your west coast "sashimi" investigation.

Thank you for returning the ice machine. I have been asked by Peter Rogers to write and ask you to put in writing that you have returned this machine and wish to terminate the contract between you and the Hon. Minister re its loan. It has been pointed out that this is necessary for you could have returned the machine for safe storage and legally it is yours until the 12 November.

I understand that Bill Hughes is happy for you to continue the FIRTA programme on the south coast. This is fine by us, however, we believe it would be necessary for the FIRC committee to approve such a change as your project clearly nominated as the operational area Cape Naturaliste to Exmouth Gulf. We recommend that you ask for such approval as it may affect financial arrangements in the end and we don't believe it is simply up to Bill Hughes, for its not Bill Hughes who controls the finances.

Yours sincerely

*Michael Walker*

Michael Walker  
SENIOR RESEARCH OFFICER  
Research and Development

29 August 1985

FIRTA 18-6-85

Day 1. Leave Albany steaming 36 hours to Fremantle, weather was too rough to work longline. Arrive Fremantle 1100 hours 20-6-85 2days.

22-6-85. 1700 hours leave Fremantle for Rottnest Island, anchor up at 1800 hours.

23-6-85. 0330 leave Rottnest for fishing grounds.

Shot 1. 115 13 44E, 35 02 65s  
to 115 02 23E, 32 00 50s

cover 90 - 200 fathoms.

Catch - 2 sharks.

Bait - lots of bait in the area (birds working the bait).

Weather turning bad head for Fremantle, arrive 1610 hours.

24-6-85. Weather bad meeting with the fisheries.

25-6-85. 1635 leave Fremantle for Rottnest.

1800 arrive at Rottnest, shut down.

26-6-85. 0145 steam to fishing grounds.

Shot 2. 32 22 67s 115 02 55E  
32 30 00s 114 57 2E

Cover 96 to 118 fathoms.

Catch nothing.

Arrive port Fremantle 1717 hours. Weather bad 27,28,29,30 and the 1st.

2-7-85. 1320 leave Fremantle head north, steam all night.

3-7-85. 0600 30 03s 114 38E 309 fathoms, weather turns rough, strong NE winds head for anchorage arrive in Jurien Bay 1630 hours shut down. 26½ hours.

4-7-85. 0630 leave Jurien arrive 1440 hrs at fishing area.

Shot 3. 29 22 29s 114 07 34E  
to 29 17 15s 114 01 01E

Depth 100 to 125 fathoms.

Catch - 1small shark.

Radar not working head for Geraldton, arrive 5th July 0220hrs.

5-7-85. 1800 radar fixed leave Geraldton for shelf.

6-7-85. Shot 4. 28 53 19s 113 41 01E  
to 28 47 00s 113 35 22E

Cover 120 to 160 fathoms.

Catch nil - area looks dead - steam north.

7-7-85. Shot 5. 27 49 81 113 09 01E  
to 27 41 5 113 02 00E

Cover 116 to 140 fathoms.

Catch - nil. Steam all night. 18hrs.

Claim one day steam 16 hours.

8-7-85. Shot 6. 0500hrs. pos. 26 09 65s 112 21 73E  
to pos 26 01 00s 112 23 11E

Cover 100 to 161 fathoms.

Catch - 3 bite offs and 2 sharks.

9-7-85. Shot 7. 25 40s 112 16 25E to 25 30 59s  
112 14 00E

Depth covered 98 to 110 Fathoms.

Catch - nil. Steam north. Have an evening shot.

Shot 8. 25 15 00s 112 17 17  
to 25 10 09 112 16 22

Depth 100 to 106 fathoms, gear moved out to 120 fathoms.

Catch 1 blowfish, 1105 head for Carnarvon arrive 1830 hrs.

7½hrs steaming.

12-7-85. At my own company's expense we take out local fisherman Ray Ruby to look for and catch tuna that are reported to stay behind the prawn trawlers, see only a few NBT see report on NBT.

13-7-85. Weather rough.

14-7-85. 1115 hrs leave Carnarvon head north, see plenty od NBT see report on NBT,  $11\frac{3}{4} + 4\frac{1}{2} = 16\frac{1}{4}$  steaming.

15-7-85. 0430 arrive at 22 42s 113 31 16E

Shot 10. 22 37s 113 34 00E  
Depth 115 to 120 fathoms.

Catch four 8kg bigeye tuna. Anchor Norwegian bay for the night.



16-7-85. Shot 11. Set gear at 22 26 113 39 50E  
to 22 17 113 39 50E

Depth set 130 to 310 fathoms.  
Catch nil.  
Surface temperature 23.7.

17-7-85. Shot 12. Set gear 22 08 50S 113 45 50E  
22 00 90s 113 47 50E

Depth set 104 out to 200 and back into 112 fathoms.  
Catch 2 sharks and 1 sail fish.

18-7-85. Shot 13. Set gear 21 37 50 114 04  
21 31 31 114 04

Depth range 108 to 136 fathoms.  
Surface temperature 24.3.  
Catch 6 small black marlin and 4 large sharks.

19-7-85. Shot 14. Shot away at 21 43s 113 56E  
to 21 50s 113 48 25

Depth 105 to 125.  
Temperature 24.0.  
Catch 1 black marlin and 1 shark.

1030hrs course south.  
As we had covered the best areas likely for yellowfin etc it was decided that it was a waste of time, effort and money to carry on up here off Exmouth so we headed back south again.  
Steam all night for Carnarvon, 1 day.  
20th July 21½hrs claim, arrive Carnarvon 0800 rough trip.  
20 days.

- 21sr Sunday R&R.
- 22nd Fuel up etc, talk with DPI etc.
- 23rd Weather bad, repair windows and fit weather fax.
- 24th Leave Carnarvon.
- 26th Arrive Geraldton.
- 27th Weather rough.
- 28th " "
- 29th Leave Geraldton for the Abrolhos Islands.

30-7-85. Shot 15. Set Gear 28 32s 113 25 75E  
end 28 25 01 113 24E  
Depth worked 110 to 190 faTHOMS.

Surface temperature 20.7.

Catch 1 small shark.

Head for Geraldton.

Drove down to Perth to talk to Mike Walker but unfortunately he wasn't in the mood for sashimi talk. He wouldn't talk about the project and he called Hughey and myself names which I can't bring myself to write down and then ordered me out of the building. Unfortunately Mike Walker doesn't seem to be able to handle his job and perhaps has gone off the deep end! Stuart and Rob are excellent to work with and would again but not with Mike Walker running the show, he doesn't understand the commercial fishing side of the fishing industry.

Kerrisma and Moonshine are both back in Albany, waiting for sightings of bigeye etc before continueing the project.

A REPORT ON NORTHERN BLUEFIN TUNA

AREA - CARNARVON.

BY PETER KERR.

VESSEL - KERRISMA.

COMPANY - ROSTRA PTY LTD.

NBT = NORTHERN BLUEFIN. SBT = SOUTHERN BLUEFIN.

The two days spent looking and fishing for NBF was funded by Rostra Pty Ltd and the other days steaming through areas with NBF in the area was on charter to Firta.

0300 - 12th July leave Carnarvon with Ray Ruby ( Carnarvon Prawn skipper - owner ). We are heading to the area where the prawn boats are working which is 30 miles sw of Carnarvon, on arrival to the area we wait for Ray's vessel to stop trawling then we pull alongside and fish for NBT the skipper says theres not many on the sounder so we dont expect too many fish around the vessel today. The fish are very hard to catch, will not pole, only handline, we fish for 2 hours. Surface temperature is 20.0 Catch only 12 fish between 6-8 kg each, the crew on the trawler only catch about 30 NBT. No yellowfin around the crew report that yellowfin are only seen in the northern prawn grounds. 1100 hrs steam back to Carnarvon, trolling allthe way no strikes. Arrive 1400 hours.

The next time we saw NBT was when we were steaming up to Exmouth from Carnarvon and that was on the 14th of July 1985.

As we came near Point Quobba in 20 - 22 fathoms, temp 23.4 we sighted large schools on the surface all NBT about 4 - 6 kg each, one fish was landed it weighed 5kg it had been eating a form of whitebait. The NBT were mainly on the 20 fathom line for about 10 miles, many hundreds of tons.

When we had finished up in Exmouth and were back in Carnarvon I talked with Eric Robertson manager of West Ocean Canning, it was decided that it was worth trying to catch these NBT by trolling 10 jig lines of different colours.

On the 24th July 85 0700 hours we left Carnarvon for the 20 fathom bank, arriving at 24 40s 113 16e but there was only bait in the area so we head towards Darwin reef and found NBT inside 20 fathoms mainly 12 - 15 fathoms in this area there was about 800 tons on the surface in a feeding frenzy, we trolled jigs through them for about 2 hours trying different speeds, types of jigs etc only to catch 5 fish weighing 5.1 to 5.6 kg all were caught on the pink helco jig. We tried polling and the dead bait method but to no avail, tried many schools but only the odd one would have a go, wouldn't take mulies either.

Surface temp 20.9.

I found these fish to be very flighty and different to SBT.

The only methods I would recommend would be gillnetting as same as the skipkack tuna but it would be labour intensive.

or

A shallow purseine net, set up with the right know how and experience for seining in shallow waters (15-20 fathoms).

FIRTA PROJECT

MOONSHINE

18-6-85. Depart Albany.

2230hrs proceeded to Fremantle.

19-6-85. Rough weather 25kt northerly.

20-6-85. Arrived at Bunbury for shelter.

0230 hrs steaming 28 hours.

21-6-85. Depart Bunbury. 0100hrs 25+ NW winds.

Arrived at Fremantle at 1200hrs. Steaming 11hrs.

Total 39 hours steaming.

22-6-85. 1700hrs depart Fremantle for Rottneest.

1830hrs arrive Rottneest.

23-6-85. Depart Rottneest. 0330hrs W-NW 15 knts.

Set gear S 32 00 32

E 115 16 43

Depth 90 to 200 fathoms.

Catch one 6ft bronzie, 3ft mako and 8ft blue whaler.

Arrive at Fremantle 1600hrs.

2-7-85. Depart Fremantle 1345 to Geraldton.

3-7-85. 0730 shut down and drifted, extremely rough.

1345 restarted and headed to Port Denison. 40 - 50 knots W-NW.

Arrived 1800hrs.

4-7-85. Depart Port Denison 2200hrs E 20+knots.

5-7-85. Set gear s29 06 96 0600hrs

113 50 94

Depth 184 to 200 fathoms.

Catch one 6ft bronze whaler.

6-7-85. 0520 set gear s28 35 80

NE 25 knots.

E113 27 10

Depth 103 to 230.

Catch nothing.

Arrived Geraldton 1710hrs.

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7-7-85. Lay day.

8-7-85. Depart Geraldton 1320hrs steaming to west of Kalbarri.

9-7-85. 0320hrs NE 15knots set gear 27 16 70  
112 55 88

Cover depth 100 to 110 fathoms.

Catch 1 ten foot thrsher, 1 eight foot thresher and 1 scollop  
hammerhead 4ft.

10-7-85. 0500 NW 10 set gear 25 29 33  
112 15 40

Depth 101 to 132 fathoms.

Catch one 4ft thickskin or longfin shark.

10-7-85. 1300hrs reset N 12 25 08 73  
112 06 52

Depth 88 to 134.

Catch nothing.

11-7-85. Set gear SE 18 s25 01 73  
E112 18 79

Cover depth 90 to 130 fathoms.

0823hrs.

Catch 2 half kilo southern bluefin tuna caught while coiling  
branch-lines on light bead hooks.

Arrived Bernier Island at 2100hrs at anchor.

12-7-85. Proceeded to Carnarvon for fuel, bait, ice and stores.

13-7-85. Lay day.

14-7-85. 1130hrs depart Carnarvon SE15 drizzle and rain,

15-7-85. 0645hrs S 20knots set gear E113 34 25  
s22 34 60

Depth 83 to 133 fathoms.

Catch 2 sailfish, 2 blue sailfish, 1 black marlin, 1 blue marlin  
and 1 bigeye tuna 14kg in poor shape like a baseball bat.

1420 anchor at Norwegian Bay.

16-7-85. 0905 set gear N-NE 8knots. S22 08 51  
E113 43 68

Depth 170 to 250 fathoms.

Catch 1 large bronze whaler and 1 hammerhead.

1700 arrive at anchor at boat passage 22 10 00.

17-7-85. At anchor maintenance NE 20-25.

18-7-85. Depart anchorage at 0630hrs E-SE light.

Set gear 0810 21 59 16

113 47 44

Depth 85 to 139 fathoms.

Catch 4 sharks bronze whalers.

Commenced steaming north.

1845 shut down and drifted on shelf.

19-7-85. 0400hrs and set gear at 0435hrs variable winds.

21 32 46

114 09 27

Depth covered 104 to 160 fathoms.

Catch nothing.

Steaming south to west of Cape Farquher, had several strikes of NB but would not poll.

2400 shut down on shelf and drifted.

20-7-85. 0600 steamed to shot.

Set gear 0900 S 18 knots 23 40 06

112 58 47

Depth 108 to 118 fathoms.

Catch nothing.

Wind increases to 30 knots southerly, try steaming to Carnarvon but too rough.

2150hrs shut down.

21-7-85. 0700 still 30-36 knots very rough, proceeded slowly into Carnarvon arrived at 1700hrs.

22-7-85. Restore, bait, ice and fuel etc.

23-7-85. Still rough at Carnarvon.

24-8-85. 1200hrs depart Carnarvon.

2035 anchor at south passage at southern end of Shark Bay.

25-7-85. 0730 commence through south passage and headed south.  
Rough eather again W SW 30knots steamed all night to Geraldton.

26-7-85. 0915 arrived Geraldton.

27-7-85. Stores and maintenance - rough weather.

28-7-85. Depart Geraldton 1100hrs headed to area west of Green  
Head.

29-7-85. 0600 29 38 00 E 15 knots.

114 28 00

Depth 170 to 225 fathoms.

Catch one 8ft blue whaler, proceeded to Fremantle.

30-7-85. Arrived at Fremantle 0230hrs.

Total 18 days.

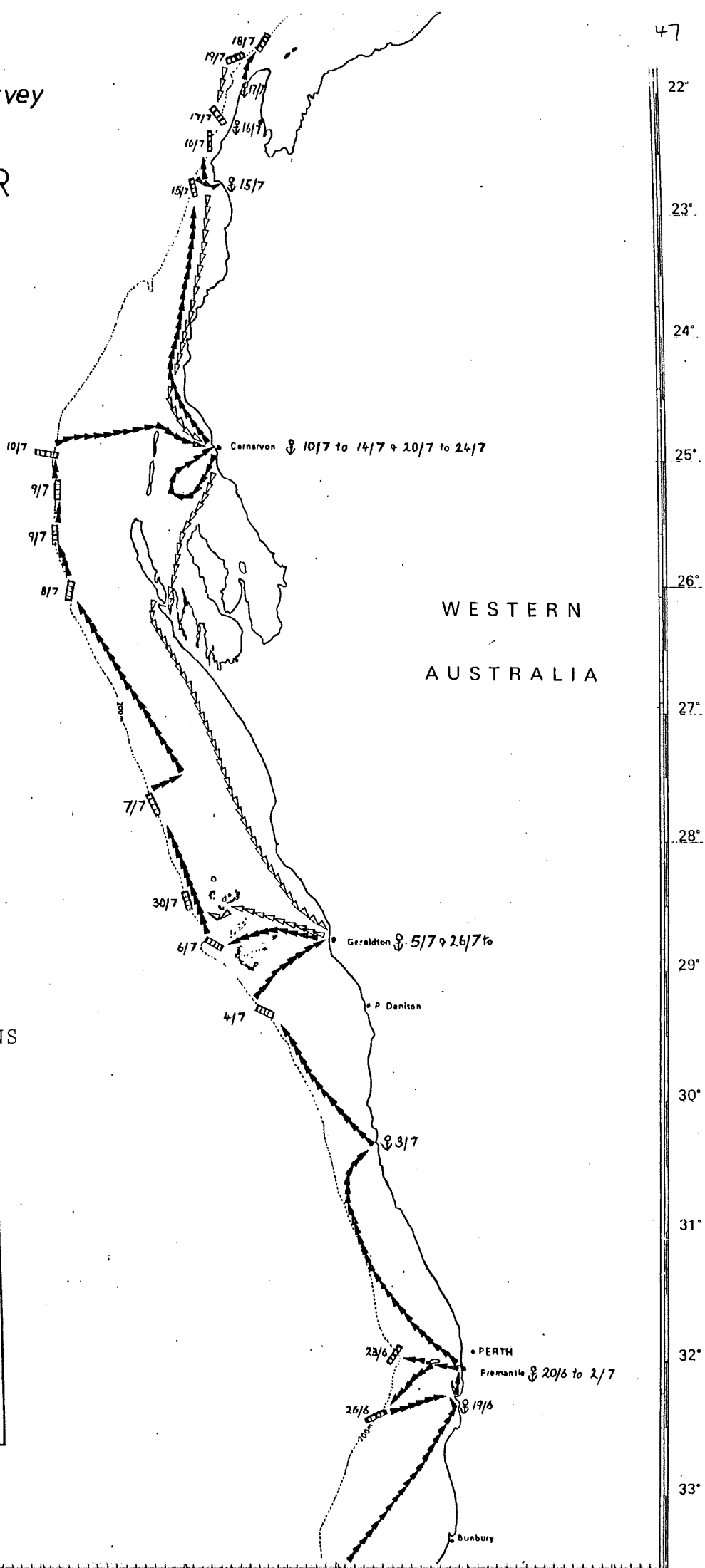


West Coast Sashimi Tuna Survey

Vessel Track Chart

KERRISMA

P.KERR



REFER TO LOG SHEETS  
FOR ACCURATE POSITIONS  
AND DEPTHS

KEY	
	Track of vessel GOING UP THE COAST
	Track of vessel COMING DOWN THE COAST
	Date and position of set
	Date on which port was visited.

Longitude 110° East from Greenwich      112°      113°      114°      115°      116°      117°

85/101

ROSTRA PTY LTD,  
P.O. BOX 955,  
ALBANY. W.A. 6330.

Department of Primary Industry,  
Fishing Industry Research Trust Acc.

Project Number - 85/101

Dear Sir,

Firstly I would like to thank the committe for there support and the staff at the D.P.I.

Unfortunately we experienced bad weather no sashimi tuna, strong tides, no plankton lines and very little bait on the edge of the shelf.

Many days were spent in ports and bays waiting for workable weather, the money for crew and skipper was not viable for them and after the work was completed for the first half of the project with no fish (for extra income) moral was getting very low. After setting 10 miles of longline day after day for no fish it was decided that as we didn't allow for repayment of loans etc financially we couldn't carry on with the other half of the project and couldn't see any use in carrying on.

So I enclose my final report on the project.

FINAL REPORT PROJECT 85/101.

Longlining for sashimi tuna off the W.A. coast.

After talking with Bill Hughes of D.P.I. and Stuart Blythe of W.A. fisheries it was agreed to finish the last few days of the project of which we had been paid for working out of Albany (our home port) as one 58kg Bigeye tuna had been caught and landed by a pole vessel working south of Albany.

The four shots by Kerrisma south of Albany etc produced only small tuna but one set two 30kg Bigeye were landed and sold to the Hanna Restaurant in Perth for \$7.00 a kilo, past experiences have shown that we would only have broke even if we would have flown them to Japan. Refer to log sheets for positions etc.

The 6 shots by Moonshine east of Albany on the shelf found no large tuna only small Southern bluefin tuna and sharks, refer to log sheets for more information.

*Mr Goodie  
Pls process  
as f. rpt  
9/7/8*

We fulfilled our part in which we have been paid for and because of unsuccessful shots and loss of gear, crew moral in not catching any tuna it was unviable to carry on so we sold our gear at a loss.

Moonshines winches - longline etc cost	\$20,000.00	Approx.
after survey sold for	<u>\$11,000.00</u>	
A loss of	<u>\$9,000.00</u>	

### SUMMARY

I believe that in the right years catching sashimi tuna on the south coast would be viable but only as a secondary method to poling SBT, as many days there are big fish around and also the reverse situation occurs. On the west coast large vessels would be needed to work the weather as it never stops blowing and they could also work further out to sea where the Japanese work.

We heard many stories of large fish around Carnarvon but never saw any, to my way of thinking it would only be a handline fisherie working in conjunction with the prawn trawlers then you have the distance of 500 miles to an International Airport.

Apart from your survey we also did our own and worked east of Bremer Bay where Bigeye tuna had been caught poleing years before. In these areas we averaged only 2 large tuna per shot, average weight of 27kg per fish.

If you take the yen per dollar now it might be viable but both vessels have been sold due to financial strain.

ROSTRA PTY LTD PROJECT NUMBER 85/101

	KERRISMA	MOONSHINE
WAGES AND SALARIES	\$9,000.00	\$9,000.00
FUEL-OIL-FILTERS	\$6,606.00	\$6,378.00
STORES	\$1,040.00	\$1,166.00
ICE AND BAIT	\$1,301.00	\$1,450.00
GEAR REPLACEMENT	\$1,200.00	\$1,300.00
INTEREST ON LOANS	\$600.00	\$500.00
INSURANCE	\$493.00	\$493.00
BOAT ACCESSORIES & CLEANERS etc	\$300.00	\$300.00
UTE ALBANY TO GERALTON		\$400.00
WAGON TOWING ICE MACHINE BACK FROM CARNARVON	\$600.00	
AIRFARE CARNARVON TO PERTH RETURN	\$221.00	
REPLACE LOST ANCHOR AND CHAIN	\$260.00	
FREIGHT ON SPARE LONGLINE GEAR	\$56.00	\$56.00
	<hr/>	<hr/>
	\$21,677.00	\$21,043.00
	<hr/>	<hr/>

Loss on sale of one set of longline gear and winches.

Cost - \$20,000.00 plus

Sold - \$11,000.00

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\$9,000.00 LOSS

We have enclosed the fuel receipts and all other expenditure is documented in our books and cheque butts etc which you may inspect at any time.



*A	PROJECT NUMBER 85/101	N/A/D	CONTROL *B	CLASSIFICATION *C	ENTRY DATE *D
*E	PROJECT TITLE  TUNA LONGLINING WEST AUSTRALIAN COAST				COMM. DATE *F1
*I3	GEOGRAPHIC AREA CODES				
*G1	ORGANIZATION 1 (main organizing body)  ROSTRA PTY LTD	ORGANIZATION 2 *G2	ORGANIZATION 3 *G3		
*H1	POSTAL ADDRESS 1  P.O. BOX 955, ALBANY. W.A. 6330.	POSTAL ADDRESS 2 *H2	POSTAL ADDRESS 3 *H3		
*K1	PROJECT LEADER 1 PETER KERR	PROJECT LEADER 2 *K2	PROJECT LEADER 3 *K3		
*L1	TELEPHONE 1 098 415754	TELEPHONE 2 *L2	TELEPHONE 3 *L3		
*M1	CONTACT OFFICER AS ABOVE				
*N1	TELEPHONE AS ABOVE				
*O	OBJECTIVES (LIMIT 100 WORDS)  The objective of longlining for sashimi tuna off the W.A. coast was to find a new fisherie to replace the coolapse of the Southern Bluefin Tuna Fisherie. Fishing on the edge of the Continental shelf with Japanese longline equipment we had caught Bigeye tuna early in 1985 and we had hoped to find stocks of large tuna on the west coast during the winter months.				
*P	METHODOLOGY (LIMIT 100 WORDS)  Our method was to use small coastal boats approx 12-15 meters in lenght equiped with specialized mainline and branchline coilers each boat was setting approx 250 hooks or ten nautical miles of Japanese style longline (imported from Japan) We copied the successful Eastern States style of fishing and tried to set our gear from 125 fathoms outwards across the tide also setting in marine cnayons.				



*Q	STATUS (LIMIT 150 WORDS)		
*R1	COORDINATION WITH OTHER PROJECTS (LIMIT 50 WORDS)  We were in constant contact with Mike Rowley Director of Fortuna Fishing Company. We asked Mike for advice on fishing methods, gear and where to set and catch tuna by longline. Mike had a similar successful project on the eastern seaboard.		
*R2	SHIP TIME REQUIREMENTS (DAYS REQUIRED THIS YEAR)		
*S	REFERENCES TO MAJOR REPORTS PRODUCED AS A RESULT OF THIS PROJECT (EXCLUDING JOURNAL ARTICLES)		
*U2	TOTAL EXPENDITURE THIS YEAR (INCLUDING CAPITAL EXPENDITURE)	*W2	MANPOWER THIS YEAR (ALL STAFF, IN MAN-YEARS)
*U3	TOTAL EXPENDITURE ALL YEARS (INCLUDING CAPITAL EXPENDITURE)	*W3	MANPOWER ALL YEARS (ALL STAFF, IN MAN-YEARS)
*X1	EXTERNAL SPONSOR 1	*Y1	AMOUNT 1  NOTE 1
*X2	EXTERNAL SPONSOR 2	*Y2	AMOUNT 2  NOTE 2
*X3	EXTERNAL SPONSOR 3	*Y3	AMOUNT 3  NOTE 3
*I1	LOCALITIES (To be completed by CSIRO)		
*I2	LAT-LONG (To be completed by CSIRO)		
*R3	MAJOR DESCRIPTORS (To be completed by CSIRO)		