

B21

No 1982.../75.....

- NEW PROPOSAL
- CONTINUING PROJECT
- FINAL REPORT
- PROGRESS REPORT

OUT-OF-SESSION - December 1983

# FISHING INDUSTRY RESEARCH TRUST ACCOUNT

TITLE OF PROPOSAL/PROJECT: INSHORE SQUID JIGGING

ORGANISATION: \_\_\_\_\_

PERSON(S) RESPONSIBLE: Mr P. Sealey

FUNDS SOUGHT/GRANTED		
YEAR	SOUGHT	GRANTED
<u>1982/83</u>	_____	<u>\$4,570</u>
_____	_____	_____
_____	_____	_____

RELATED APPLICATIONS: \_\_\_\_\_

Note: Mr Sealey requested payment of first part of grant \$2,285 only.

RECEIVED ..... Oct. / 1983. DISTRIBUTED 1... Dec... / 1983

..... *Judith Lago* .....  
 for Secretary  
 Fishing Industry Research Council

Inshore Squid Jigging (1982/75)

Objective:

To investigate the potential of squid jigging from a suitably equipped 5m boat within 2-3 miles of the coast around Portland.

Supervisor:

Mr P. Sealey,  
Professional Fisherman,  
64 Barkly Street,  
PORTLAND VIC 3305

Grant:

1982/83	Total
\$4,570	\$4,570

INSHORE SQUID JIGGING 1982-83

RECIPIENT:

PETER SEALEY.

Received one half of the grant being \$2,285-00  
on 6.8.1982. Purchased Generator on 16.8.1982.

As the original generator to be purchased was not in  
stock and no guarantee on how long until one could  
be supplied, bought another one. A Kawasaki 2600c KG.

Then had to purchase two stronger lights to coincide  
with the bigger generator.

Started fishing August 18<sup>th</sup>. Catches were nothing spectacular.

The best catches were when a squid jigging machine owned  
by the Victorian Fisheries and Wildlife Dept, was used.  
When this was returned I went back to the hand jigging.

I continued this until the end of January when I  
decided the squid fishing was not viable and I returned  
to full time crayfishing.

Therefore I never applied for the second half of the grant.

## SETTING UP OF LIGHTS

This was a trial as to the shape of the boat. You had to leave a dark area close to the boat, as the squid seem to hide in the dark area of the boat, then rush out into the light to attack the jigs. The bigger and brighter lights of 1000-1500 Watts were the best.

## SQUID JIGGING MACHINE.

In October I was contacted by Mr. John Kearney from Victorian Fisheries and Wildlife regarding the use of a Japanese Squid Jigging Machine. Mr. Kearney bought this down and we set it up. This was by far the most successful way of catching squid. On the trips with Mr. Kearney in very rough weather, which restricted us to the Portland bay in 10 fathoms, we fished for 6 hours.

1st trip - 3 squid = 1 kilo  
2nd trip - 250 squid = 83 kilos.

## METHODS USED.

Lines were set up with Jigs 90-cm apart. Number of jigs per line were tried - 6 jigs to 1 jig All being used. The lines had to be lowered over the side, as the more jigs on a line, the more tangles, and more noise made on casting frightened the squid. Lowering them gently was the best way to the bottom of the sea bed and retrieving slowly back to the boat. All coloured jigs fished, also tried jigs with lights inside. Red seemed to fish best.

## CONCLUSION

Hand Jigging would not be profitable on a full time basis. But a 30<sup>ft</sup> - 40<sup>ft</sup> fishing boat with 4 squid jigging machines - two on each side of the boat plus 6 1000 watt lights, 3 on each side of the boat might be the answer if it was to be on a full time basis.

This is my opinion.

AERC SQUID - VERY FEW KITHAMARI.  
 AVERAGE PRICE 80¢ - \$1-20 RUC

CATCHES.

AUGUST.

18 <sup>th</sup>	5 kilos
19 <sup>th</sup>	10 kilos
21 <sup>st</sup>	4.5 "
23 <sup>rd</sup>	12 "
24 <sup>th</sup>	10 "
25 <sup>th</sup>	15 "
27 <sup>th</sup>	8.5 "
28 <sup>th</sup>	11 "
30 <sup>th</sup>	15 "
31 <sup>st</sup>	20 "

SEPT.

2 <sup>nd</sup>	19 kilos
3 <sup>rd</sup>	20 "
5 <sup>th</sup>	15 "
7 <sup>th</sup>	4.5 "
8 <sup>th</sup>	8 "
12 <sup>th</sup>	14 "
15 <sup>th</sup>	10 "
16 <sup>th</sup>	20 "
18 <sup>th</sup>	25 "
19 <sup>th</sup>	13 "
22 <sup>nd</sup>	15 "
24 <sup>th</sup>	20 "
28 <sup>th</sup>	22 "
29 <sup>th</sup>	17 "
30 <sup>th</sup>	20 "

NOTE: Squid were usually placed straight into freezer as soon as we came back to port. They surprised us by freezing really well.

## CATCHES

### OCTOBER

3 <sup>rd</sup>	15 kilos
5 <sup>th</sup>	14 "
7 <sup>th</sup>	10 "
8 <sup>th</sup>	19 "
9 <sup>th</sup>	7.5 "
14 <sup>th</sup>	1 "
15 <sup>th</sup>	83 "
17 <sup>th</sup>	50 "
18 <sup>th</sup>	45 "
20 <sup>th</sup>	50 "
21 <sup>st</sup>	47 "
23 <sup>rd</sup>	49 "
26 <sup>th</sup>	31 "
29 <sup>th</sup>	50 "
30 <sup>th</sup>	25 "

THIS WAS  
PERIOD WHEN  
SEUID MACHINE  
WAS USED.

### NOVEMBER

4 <sup>th</sup>	19 kilos
7 <sup>th</sup>	10 "
8 <sup>th</sup>	5 "
10 <sup>th</sup>	4.5 "
12 <sup>th</sup>	6 "
15 <sup>th</sup>	11 "
17 <sup>th</sup>	12 "
18 <sup>th</sup>	20 "
21 <sup>st</sup>	15 "
24 <sup>th</sup>	8.5 "
25 <sup>th</sup>	12 "
27 <sup>th</sup>	15 "
28 <sup>th</sup>	5 "
30 <sup>th</sup>	8 "

CATCHES

DECEMBER

<u>2nd</u>	<u>15 kilos</u>
<u>3rd</u>	<u>9 "</u>
<u>5<sup>th</sup></u>	<u>17 "</u>
<u>8<sup>th</sup></u>	<u>9 "</u>
<u>9<sup>th</sup></u>	<u>13 "</u>
<u>13<sup>th</sup></u>	<u>5 "</u>
<u>15<sup>th</sup></u>	<u>8 "</u>
<u>16<sup>th</sup></u>	<u>20 "</u>
<u>19<sup>th</sup></u>	<u>22 "</u>
<u>20<sup>th</sup></u>	<u>19 "</u>
<u>22<sup>nd</sup></u>	<u>14 "</u>
<u>24<sup>th</sup></u>	<u>14 "</u>
<u>      </u>	<u>      </u>

JANUARY.

<u>2<sup>nd</sup></u>	<u>19 kilos</u>
<u>3<sup>rd</sup></u>	<u>20 "</u>
<u>5<sup>th</sup></u>	<u>7.5 "</u>
<u>8<sup>th</sup></u>	<u>9 "</u>
<u>9<sup>th</sup></u>	<u>25 "</u>
<u>15<sup>th</sup></u>	<u>17 "</u>
<u>16<sup>th</sup></u>	<u>19 "</u>
<u>20<sup>th</sup></u>	<u>21 "</u>
<u>23<sup>rd</sup></u>	<u>15 "</u>
<u>25<sup>th</sup></u>	<u><del>27</del> 7 "</u>
<u>26<sup>th</sup></u>	<u>24 "</u>
<u>30<sup>th</sup></u>	<u>3 "</u>
<u>      </u>	<u>      </u>