

Severe weather and tropical cyclone education video

Ms Tanya Adams



**F I S H E R I E S
R E S E A R C H &
D E V E L O P M E N T
C O R P O R A T I O N**



**Project No. 98 / 361
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NON TECHNICAL SUMMARY:

98/361	Severe weather and tropical cyclone education video
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PRINCIPAL INVESTIGATOR ADDRESS:

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OBJECTIVES:

1. To educate the commercial fishing industry in matters relating to tropical cyclones and severe weather.
2. To target those groups where there has been or there is the potential for loss of life and property resulting from lack of preparation and knowledge on the dangers of severe weather including the trawl sector of the fishing industry and the pearling industry.
3. To provide pertinent advice to mariners and companies regarding their specific legal obligations under the Duty of Care to provide a Cyclone Contingency Plan.
4. To assist as far as is practicable to prevent a recurrence of the loss of life resulting from contribution factors from accidents concerning cyclones.

NON TECHNICAL SUMMARY:

Given the tragic history of the results of cyclones off the WA coast with specific regard to the commercial fishing industry, there is now as part of the Master Class 5 syllabus, a tropical cyclone short course for Uniform Shipping Laws Certificates of Competency and a stand alone optional pre-cyclone refresher for vessels operating north of Geraldton.

In addition to this, all commercial vessel operators north of Geraldton are required to have a cyclone contingency plan for every vessel.

The course also addresses severe weather which applies along the WA coastline and has application further than just in cyclone areas.

It is also recognised that the commercial fishing industry does not always have access to shore based training services due to long periods at sea and therefore on board training

resources were required. This enables vessel owners and operators to meet their duty of care requirements under the Occupational Safety and Health Act 1984.

This training video not only services the commercial fishing industry but also the other major areas of commercial vessel operation such as charter vessels and trading.

The production of the video provides training resources that were previously not available to vessel owners and operators and allows the video to be used at times convenient to them.

The video has been produced and is enclosed.

WAFIC is in the process of distributing the video to Professional Fishermen's Associations to ensure industry members are aware of the video and its application. WAFIC is especially keen to see the video made available to fishermen working in the northern region of the state which is a high risk area for cyclones.

The effectiveness of the video and its take up rate will be monitored by WAFIC over the next 12-24 months.

BACKGROUND

Given the tragic history of the results of cyclones off the WA coast with specific regard to the commercial fishing industry, there is now as part of the Master Class 5 syllabus, a tropical cyclone short course for Uniform Shipping Laws Certificates of Competency and a stand alone optional pre-cyclone refresher for vessels operating north of Geraldton.

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It is also recognised that the commercial fishing industry does not always have access to shore based training services due to long periods at sea and therefore on board training resources were required. This enables vessel owners and operators to meet their duty of care requirements under the Occupational Safety and Health Act 1984.

This training video not only services the commercial fishing industry but also the other major areas of commercial vessel operation such as charter vessels and trading.

This report is commensurate with the level of funding requested to and provided by the .FRDC.

NEED

WAFIC had identified the need for the development of a series of packages for its members including guidelines on a cyclone contingency plan and liaison with the Transport Department in the development of the short course on severe weather and tropical cyclone education. While the master class 5 syllabus now contains the short course module and the short course module is offered on its own, a number of fishing vessel operators may not be able to take up the option of attending the short course.

The area of making informed decisions regarding action when a cyclone is approaching requires skill and knowledge that may not have been gained during formal training courses or through experience. This video provides that information and can be beneficial to new skippers and crew as well as long serving members of industry.

The production of the video to provide an outline of the short course will provide training resources that are currently not available in this format and therefore allows operators to use the video at times convenient to them. The video may also prompt operators to attend the short courses in the future.

The video was produced by the Transport Department of WA and WAFIC obtained the additional funding through FRDC to assist in the production.

OBJECTIVES

1. To educate the commercial fishing industry in matters relating to tropical cyclones and severe weather.
2. To target those groups where there has been or there is the potential for loss of life and property resulting from lack of preparation and knowledge on the dangers of severe weather including the trawl sector of the fishing industry and the pearling industry.
3. To provide pertinent advice to mariners and companies regarding their specific legal obligations under the Duty of Care to provide a Cyclone Contingency Plan.
4. To assist as far as is practicable to prevent a recurrence of the loss of life resulting from contribution factors from accidents concerning cyclones.

METHODS

The methodology involved in providing the video was as follows:

1. establishing the desired content outline
2. assessing available footage already on tape
3. production meetings to develop the script and the staff required for the video
4. filming on locations around the coast
5. editing of draft production
6. establish final product
7. cover design

RESULTS / DISCUSSION

The video is enclosed.

BENEFITS

The commercial fishing industry, charter boat industry, state emergency services and volunteer rescue groups will all benefit from the video.

The benefits of the video are as stated in the application, these being:

1. correct assessment of actions by operators of vessels in cyclone and areas experiencing severe weather of the dangers and unreliable nature of tropical revolving storms.
2. Reduce the drain on resources of search and rescue and emergency response groups and the associated risks to their personnel caused by being out in cyclonic

- or severe weather conditions for rescues which would have otherwise not been necessary
3. Availability of current information and practical advice.
 4. Training material is in a form that is available for use whenever the opportunity arises for the commercial fishing industry.
 5. Vessels operating in Southern Zones that experience severe weather have information allowing them to be better prepared for decision making in an emergency situation.

FURTHER DEVELOPMENT

The video will be distributed to commercial fishing industry members and shown at all industry safety and health awareness sessions.

CONCLUSION

The video is now being released to industry members through WAFIC. In twelve months time WAFIC will contact industry members requesting feedback on the video, its usefulness and application throughout the industry.

REFERENCES

No references were cited. The video production involved the use of footage from other videos.

APPENDIX 1

The video has been designed as a public document for distribution as widely as possible. It is distributed free of charge by the Transport Department of WA.

APPENDIX 2

The Transport Department staff were involved in the production. WAFIC provided comments and feedback only .

FINANCIAL REPORT



Progressive
Financial



Final Financial
(acquits entire project)



Period ending: 30/6/99

PROJECT DETAILS

FRDC Project No.	98/361	Research Provider Ref:	
Title:	Severe Weather and Tropical Cyclone Education Video		
Research Provider:	Ms Tanya Adams		

BUDGET SUMMARY BY FY

Insert FY eg. 99/00 ⁽¹⁾	1998/1999			
Project Budget	\$5000			

SUMMARY RECEIPTS & EXPENDITURE FOR PROJECT SINCE COMMENCEMENT

Insert FY eg. 99/00 ⁽¹⁾	1998/1999			
B/F ⁽²⁾	nil			
FRDC Funds (+)	\$3750			
Revenue (+)	Nil			
Expenditure (-)	\$5000			
Balance C/F ⁽²⁾	\$ - 1250			

FINANCIAL DETAILS PERIOD ENDING

June 30 1999

Funds Available

Balance brought forward from previous year:

\$nil A

Total funds received from FRDC during
period.....
....:

\$3750 B

Total A+B :

\$3750 C



\$ 3750

Expenditure

Project Budget (FY) ⁽³⁾

Actual Expenditure ⁽⁴⁾

Salaries :

\$0

\$0

Travel :

\$0

\$0

Operating :

\$5000

\$5000 F

Capital :

\$0

\$0 G

Total Expenditure (D+E+F+G) :

\$5000 H



\$5000

BALANCE AS AT...June 30
1999.....⁽⁴⁾

(C-H) :

=

\$- 1250

NOTES

- (1) Use this column for the final financial ONLY regardless of the length of the project
- (2) "Balance as at" must = "Balance C/F", and must be shown as "B/F" in next statement
- (3) Show project budget for current financial year. Transfers between budget heads allowed under 9(f) of the Project Agreement, or approved in writing by the FRDC will be listed in the comments.
- (4) ACTUAL EXPENDITURE (whether cash or accrual) ONLY. Commitment will not be included.

RESEARCH PROVIDER CONTRIBUTIONS

The Research Provider contributions have been made in accordance with the Project Budget.

CONTRIBUTIONS BY OTHER SOURCES

Contributions by Other Sources have been made in accordance with the Project Budget.

COMMENTS

(include transfers between budget heads, details of any revenue taken)

The full amount of \$ 5000 was paid to Transport for the video production.

Certified By:

T-L Adams

Signature

21/1/2000

Date

T-L-ADAMS

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