



DISASTERS

Choose
two disasters
to
investigate!

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Your world needs you! You have been appointed the official investigator into two disasters of your choice ... a NZ one and a world one. Your mission is to report back as to how we can avoid or lessen the impact of these disasters!

FAT QUESTIONS

Choose
the most
important
ones to list.

- ✻ What are the top five recommendations I have to avoid or lessen the scale of these types of disasters in the future?
- ✻ What are five important similarities and/or differences in these disasters?



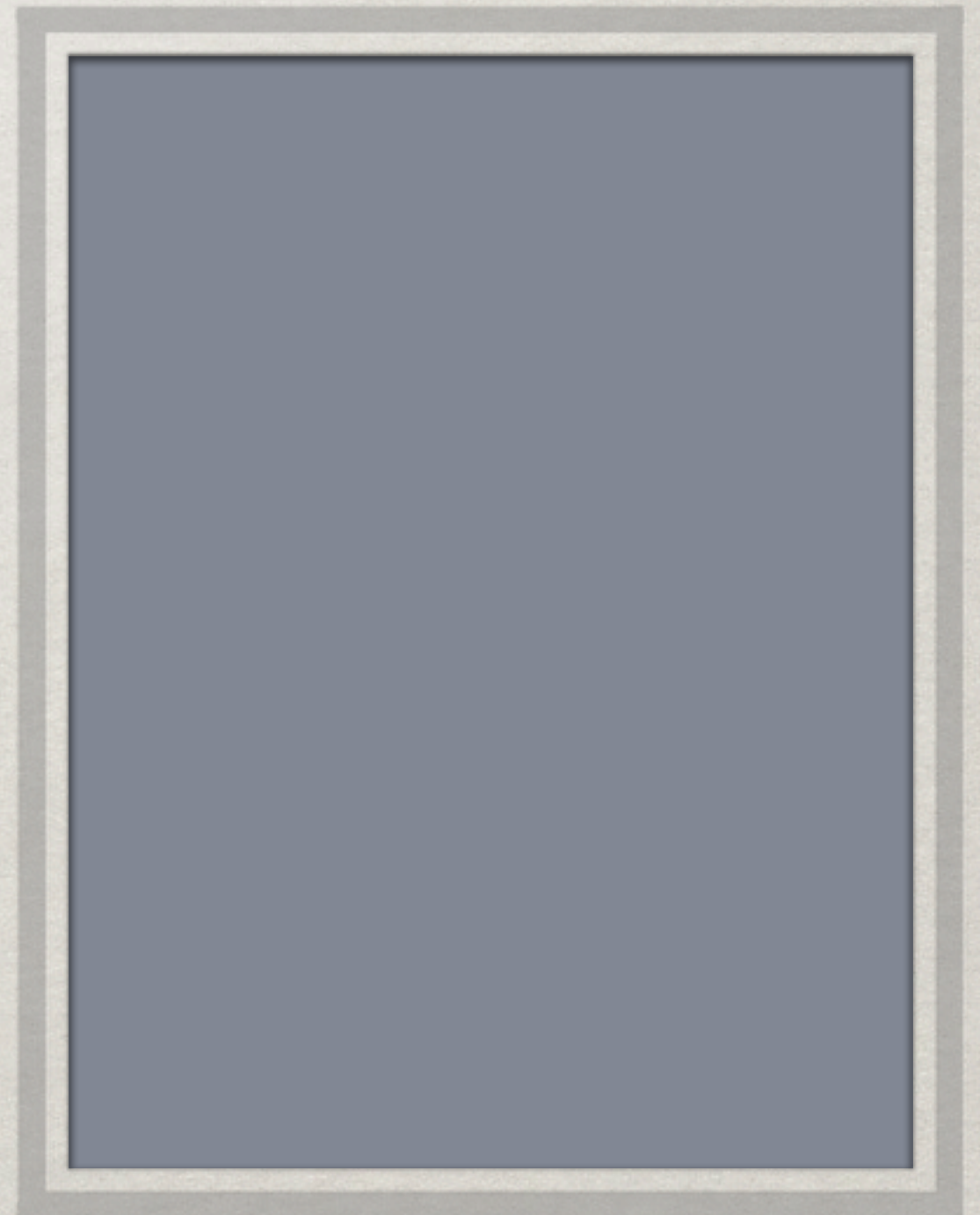
KEYWORDS

What
are the
words that
will help you
“explore.”

✻ disaster, titanic, wahine,
“chain of events”,
timeline, lessons,
human factors,

SUPPORTING QUESTIONS

- ✻ What environmental and human factors (including equipment) were involved?
- ✻ What were the chains of events?
- ✻ How could you change anything to improve what happened in the chain of events?



CONTENTS

✻ Overview with Chain
of Events (Trigger,
Main Events etc)

✻ Bibliography

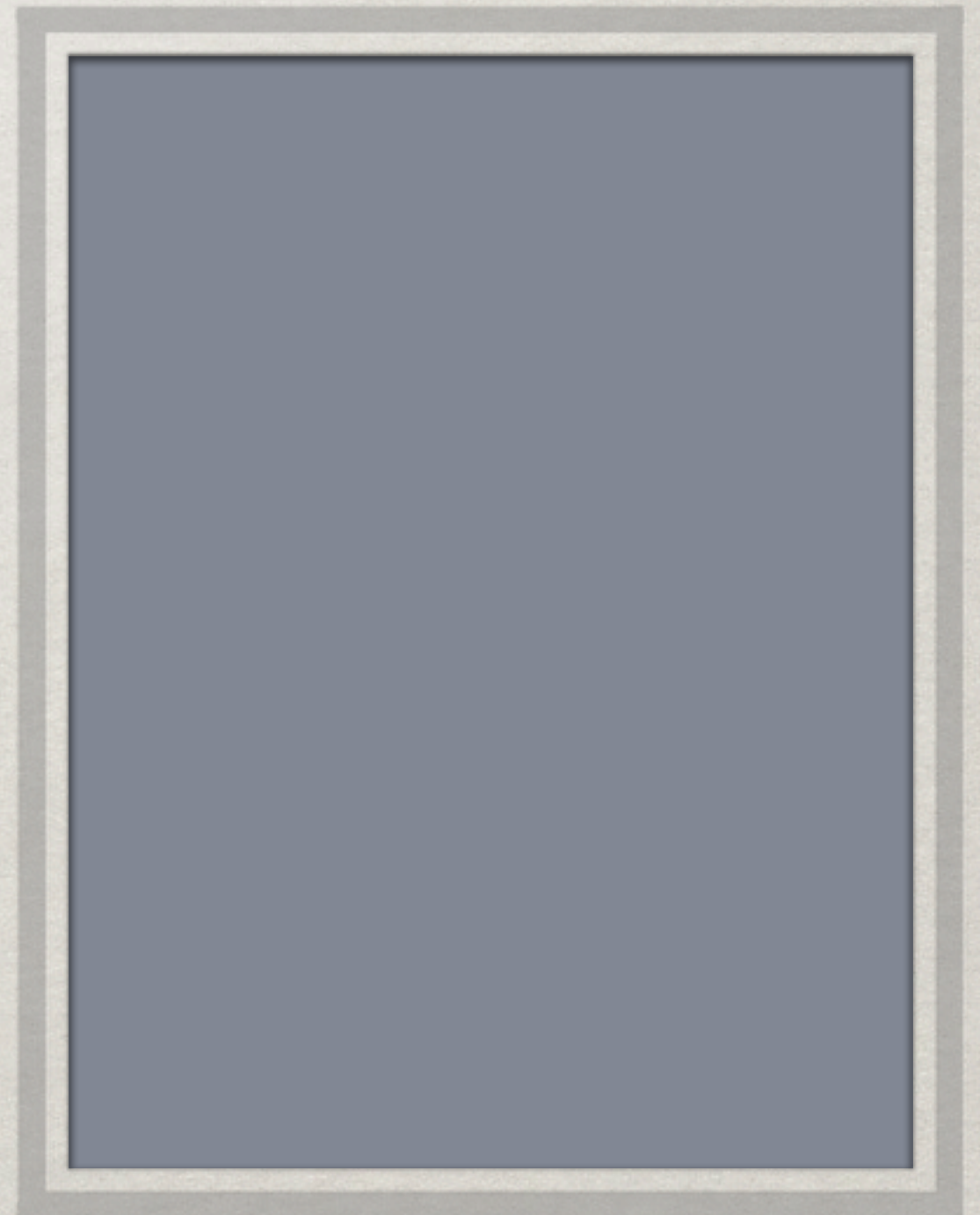
✻ Human Factors
(Equipment Factors)

✻ Environmental Factors

✻ Top 5
Recommendations

TITANIC OVERVIEW

- ✻ Here you will write an overview, a summary the chain of events and the outcomes of your two disasters.



HUMAN FACTORS

Choose
the most
important
ones to list.

Titanic

- ✱ Lookout didn't spot iceberg early enough.
- ✱ Captain was sailing ship too fast.
- ✱ They thought it was unsinkable so didn't take enough care (e.g. shortage of lifeboats)

Wahine

- ✱ Captain backed boat onto reef.
- ✱ Order to abandon came late.
- ✱ "Starboard" call led to confusion. People didn't know what it meant.

ENVIRONMENTAL FACTORS

Choose
the most
important
ones to list.

Titanic

- ✻ Iceberg with a hidden sharp edge

Wahine

- ✻ High Waves and low visibility from Cyclone
- ✻ Debris on road blocks rescuers
- ✻ Waves capsize lifeboats

EQUIPMENT FACTORS

Titanic

- ✱ The steel was brittle and shattered under impact in freezing water

Wahine

- ✱ Failure of radar
- ✱ Failure of anchor to hold

Choose
the most
important
ones to list.

TOP 5 RECOMMENDATIONS

✻ Wahine

✻ Titanic

✻ Stricter safety limits



✻ More regular
simulations of a disaster
for a captain and crew
members

Choose
the most
important
ones to list.

For Both

If “Abandon Ship” is likely to happen the passengers should be coached better before to be ready and make the best of the situation.

2008

BIBLIOGRAPHY

✻ feelings and Emotions

✻ Christchurch Lib
Disasters Site