



# BOOM! UP SHE WENT

VERBATIM – IGNITION PROTECTION VIDEO

TC-1001977



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### VERBATIM - IGNITION PROTECTION VIDEO

#### TRANSLATOR NOTE: THE MAXIMUM READING TIME IS SHOWN AT THE END OF EACH PARAGRAPH IN BRACKETS.

2. ...and that's the news to this hour. For the weather, sunny and warm. It's a great day to be out in your boat..... (10 seconds)

5. This is what the 15 meter Stampeder looked like before the explosion. The boat was loaded with 200 liters of gasoline. Witnesses said they could hear the blast from many blocks away. The vessel completely disintegrated and the skipper was left burned and **dangling** in the debris. (20 seconds)

7. Newspaper reports showed the immense devastation of the blast and left readers wondering how it could happen and how anyone survived. (10seconds)

8. (Denis) *I told my partner to get ready. I'm going to try the pump and make sure everything is working and we will go home. I turned the key and that was it.*  
*Boom!! Up she went.*  
(15 seconds)

9. Denis spent the next 2 months in a comma. Few expected him to live. With multiple fractures and severe burns he faced years of pain and suffering. (10 seconds)

10. (Lise) *50 % of his body was burned and his head was split open. They told me everything. They came back every 15 minutes to tell me he was still alive.* (20 seconds)

11. Old car ignition parts may have been the culprit. They do not have protection from sparks and could ignite lingering gas vapors in a boat. (10 seconds)

12. (LeRue) *Gasoline vapours lie low and they will find any enclosed space. When you turn on the ignition, there is a spark which causes the heat and you have the explosion and fire. (14 seconds)*

14. DELETED

15. DELETED

16. (Dr.) *His chances of surviving this type of burn were very, very low - less than 5 %. (10 seconds)*

17. Boat manufacturers and boat owners must comply with Transport Canada regulations detailed in the Vessel Construction Standard TP 1332. (10 seconds)

18. The legal requirement defined in TP 1332 states that...

ELECTRICAL COMPONENTS MUST BE IGNITION  
PROTECTED

(08 seconds)

19. The Construction Standard further defines boat parts that must be ignition protected which includes, Circuit Breakers, Distributors, Coils, Voltage Regulators, Starters, Solenoids, Alternators & Generators, Trim & Bilge pumps, ventilation blower motors, and any motor or device that has access to a fuel source. (22 seconds)

20. Boats that have been properly constructed that are over 6 meters will have a Transport Canada Conformity Label which indicates the boat was fitted with the required Ignition Protected device. (11 seconds)

21. Vessels under 6 meters will have a capacity label. The labels will be affixed to the boat. (5 seconds)

22. (Armstrong) *This is a marine engine. It has provisions built into the alternator to prevent explosions on start up or when it is running. The same for the distributor, it too has explosion protection built in. So does the starter. All three marine components are marine approved. This is a flame arrester unit, not an air filter. It prevents flames from coming out, if there is a backfire in the engine. (30 seconds)*

23. Sometimes when carrying out engine maintenance, owners replace ignition systems with less expensive car parts. They are not the same. Car parts are not ignition protected and could cause an explosion. (10 seconds)

24. (Sandra) *The component may be less costly, but if it doesn't have that extra component to protect against spark, then you have lost your required safety element.* (12 seconds)

**24 B.** Any modifications/changes to your vessel or engine should be verified by a marine technician or a marine surveyor.

Ensure that persons carrying out maintenance on your **gasoline** engine understand the use of ignition protected components. (15 seconds)

25. A devastating boat explosion will seriously injure people and have long-term consequences. (7 seconds)

26. (Lise) *I was sure he would die every time he went into surgery. But I gave him a choice (pause)...if you don't want to come back (pause)...but he did come back. I told the doctor he was stubborn. He came back every time.* (18 seconds)

27. (Denis) *Always invest in marine parts for your engine, alternator, starter, solenoid switch...anything that is ignition protected. They will prevent sparks and protect your boat from blowing up.* (17 seconds)

29. Is your boat safe?

- Ensure your boat has ignition protection
  - Check for approved labeling
  - Consult a marine technician or marine surveyor
- (10 seconds)

31. As a Boat owner you have responsibilities.

- Protect yourself and your **guests**
- Run ventilation blower 4 minutes minimum before turning the key

- Use only ignition protected parts  
(10 seconds)

32. Don't let this happen to you or your boat. Ensure it has ignition protection parts and run the blower. If not, you could blow yourself up, burn other boats alongside, as well as the dock and nearby clubhouse, with damaging consequences.

**This is a wide spread problem for boats of all sizes including power and sailboats with inboard gasoline engines.**

**(22 seconds)**

33. Enjoy your boating. But.... please be safe.

Ensure your boat has ignition protection. (7 seconds)

## GRAPHICS

Title: BOOM. UP SHE WENT

# 18 Graphic A. Over Freeze Frame Visual of Boat

### LEGAL REQUIREMENT

Vessel Construction Standards TP 1332

***ELECTRICAL COMPONENTS MUST  
BE IGNITION PROTECTED***

24B. VERIFIED BY  
Marine Technician  
Marine Surveyor

# 29 Graphic B. Over freeze frame of Boat debris

### IS YOUR BOAT SAFE?

Ensure Your Boat Has Ignition Protection Devices

Check For Approved Labeling

Consult a Marine Technician or Marine Surveyor

# 31 Graphic C

**YOUR RESPONSIBILITY**

- Protect Yourself and Your Guests
- Run Blower for 4 Minutes Minimum
- Use Only Ignition Protected Parts

**Thank You For  
Assistance Provided  
by**

**DENIS LETARTE**

**LISE HENRI-LETARTE**

**HALIFAX REGIONAL FIRE AND EMERGENCY**

**SEAMASTERS SERVICES LIMITED**

# 34 Graphic D

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