



INTRODUCING LIGHTSHIP

Lightship is a field operations platform.

That helps organizations navigate their data to find the actions that will make them safer and more efficient.



Our platform is used by local, provincial, federal and First Nations governments, as well as a broad range of industrial installations across Canada and the United States.





Emergency
ManagementBC

Use Case

2017 British Columbia Floods & Fires.

Lead Agency: Emergency Management BC

- 450 dams assessed in less than 5 days.
- 800 damage assessments across 12 separate agencies.
- Successfully enabled information sharing between local, regional, provincial, national governments, and NGO's.
- Publicly shared live feeds of road events, fire location data, and fire perimeters.



Lightship has proven to be an innovative and valuable asset to EMBC and has enabled responders to act faster and make better decisions.

- Hon Todd Stone, Minister Responsible for EMBC



embc



Lightship Administrator



Search



Josh Campbell



THU MAY 31, 2018



7:05 AM
received sms from +17732952311



CLINTON RCS

4 Loon Lake



Josh Campbell



2

3



YOUNG LAKE



JOE ROSS CREEK N.



3 km
2 mi

Google



< Map List



SYSTEM LAYERS

- Current Location

MAP LAYERS



Loon Lake Fire Damage

Map showing damage assessments to properties on Loon Lake - sharing authorized by TNRD Aug 02.



• Loon Lake Fire Damage Assessments

- Significant damage / fully burnt
- Minor damage
- No damage visible

• TNRD address locations Q-14

• TNRD property lines Q-14

• Elephant Hill Fire Perimeter

• Post-fire aerial image (Hummingbird Drones)



MAP BACKGROUND

Bing Hybrid



18 30 m
100 ft





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Loon Lake Fire Damage Assessments

1 Feature

1920 Loon Lake Road

Details

Files/Photos



Address	1920 Loon Lake Road
Extent of damage	significant damage / fully burnt
Notes	sfd destroyed possible same legal description is 1923 where at outbuilding is destroyed
Date stamp	Jul 18 2017, 2:20 pm
Building type	



Lightship likes Drones

Drone photos are often the best way to get recent imagery in an emergency.

- Rapidly deployable, and intrinsically shareable
- Cost effective compared to helicopter or satellite.
- Provide a useful visual anchor for additional field data like rapid damage assessments or sensors.
- For certain tasks (e.g. hot spot detection) can fly in darkness, avoiding conflict with helicopters
- Free up limited helicopter resources for other tasks
- Usefulness still limited by evolving regulation



Thank-you.



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