

Leeds and the Thousand Islands St Lawrence River Nautical Speed Zone Assessment and Recommendations

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The Situation

- * The legislation for the current speed zones requires that each zone be posted with regulatory signage
- * Currently all the signage is either missing or needs to be replaced
- * Compliance is low because the public is unaware and law enforcement can't take place
- * The zones need to be modified to better meet the intended goals

The Situation

- * The goal of the zones is to control vessel wash (commonly referred to as wake) and/or provide a safe speed
- * There are 11 zones with speeds ranging from 9 to 40 km/hr
- * In many cases the selected speeds are ineffective and actually cause problems if adhered to

Recommendation

- * It is easier to gain compliance if laws are consistent and reasonable
- * Zones should be limited to one of two speeds, 10 km/hr to control wake or 60 km/hr for safe speed
- * Start the legislative process to modify the speed zones to make them more effective, consistent and eliminate redundancies
- * Purchase and erect new signage

Overview of each Speed Zone



Canadian Middle Channel 18km/hr

- Legend**
- 1000 Islands Skydeck
 - Capricorn Motel Royale
 - Duty Free
 - Feature 1
 - Fiddlers Elbow
 - Untitled Polygon



Canadian Middle Channel

- * The current speed of 18 km/hr is ineffective
- * Recommend changing the speed to 10 km/hr to control the wave action from vessels, provide a safe speed and be consistent with the 30 meter from shore speed limit
- * Signage needs to be posted at both ends and in the middle of the zone

Lost Channel 15km/hr

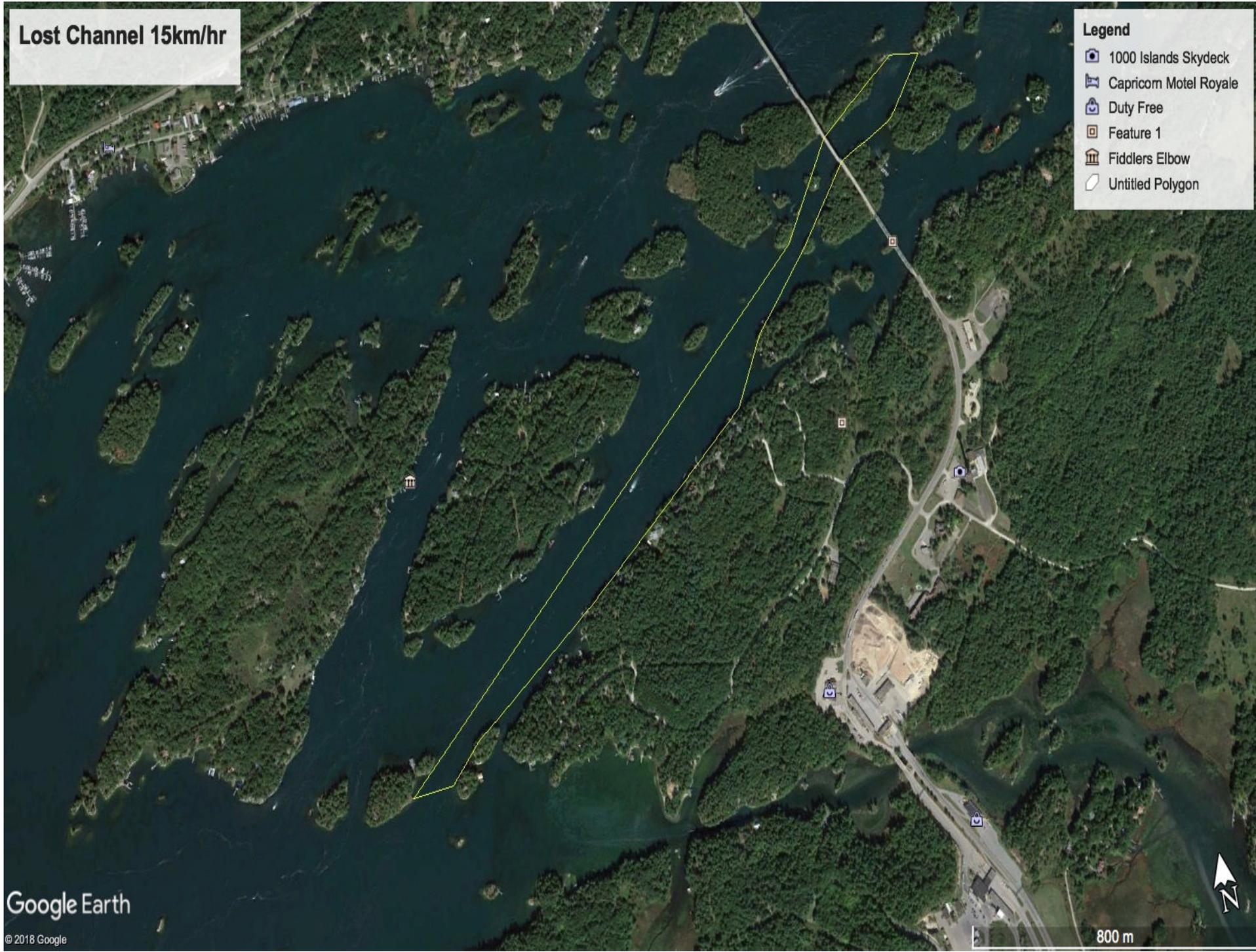
Legend

- 📍 1000 Islands Skydeck
- 🏨 Capricorn Motel Royale
- 🛍️ Duty Free
- 📐 Feature 1
- 🏛️ Fiddlers Elbow
- 🔲 Untitled Polygon

Google Earth

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800 m



The Lost Channel

- * The current speed limit of 15 km/hr is ineffective
- * Recommend changing the speed limit to 10 km/hr and a description for the southwestern portion of the channel to better include the area between Wallace and Hill Islands
- * Signage would need to be posted at both ends and the middle of each zone

Lost Channel 10 km/hr, with description change

Legend
Feature 1



Google Earth

700 m

Pine Island to Bensons Rift

Write a description for your map.

Legend

- Feature 1
- Untitled Polygon

Google Earth

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300 m



Pine Island to Benson's Rift

- * This is a long narrow winding channel with a redundancy
- * Most of the area would be covered by the 30 meter from shore speed limit
- * Recommend removing the zone from legislation

Needle's Eye 9 km/hr zone

Write a description for your map.

Legend

Untitled Polygon

Google Earth

60 m



Needle's Eye

- * This is a short narrow channel with a redundancy
- * This would be covered by the 30 meter from shore speed limit
- * Recommend removing the zone from legislation

Gananoque Narrows 15km/hr

- Legend**
- 📍 1000 Islands Skydeck
 - 🏠 Capricorn Motel Royale
 - 🛍️ Duty Free
 - 📍 Feature 1
 - 🏛️ Fiddlers Elbow
 - 🔷 Untitled Polygon

Google Earth

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100 m



Gananoque Narrows

- * The current speed limit of 15 km/hr is ineffective at controlling wake
- * This channel has a blind approach at the east end and safety is a concern
- * Recommend changing the speed limit to 10 km/hr
- * Signage would need to be posted at both ends of the channel

Hay Island 24 km/hr

Write a description for your map.

Legend

Untitled Polygon

Google Earth

© 2018 Google

200 m



Hay Island

- * The current speed limit of 24 km/hr is ineffective
- * Recommend changing the speed limit to 10 km/hr
- * Signage would need to be clearly posted at both ends of the zone

Wanderer's Channel

Write a description for your map.

Legend

-  Gananoque Golf & Country Club
-  Untitled Polygon

Google Earth

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1 km

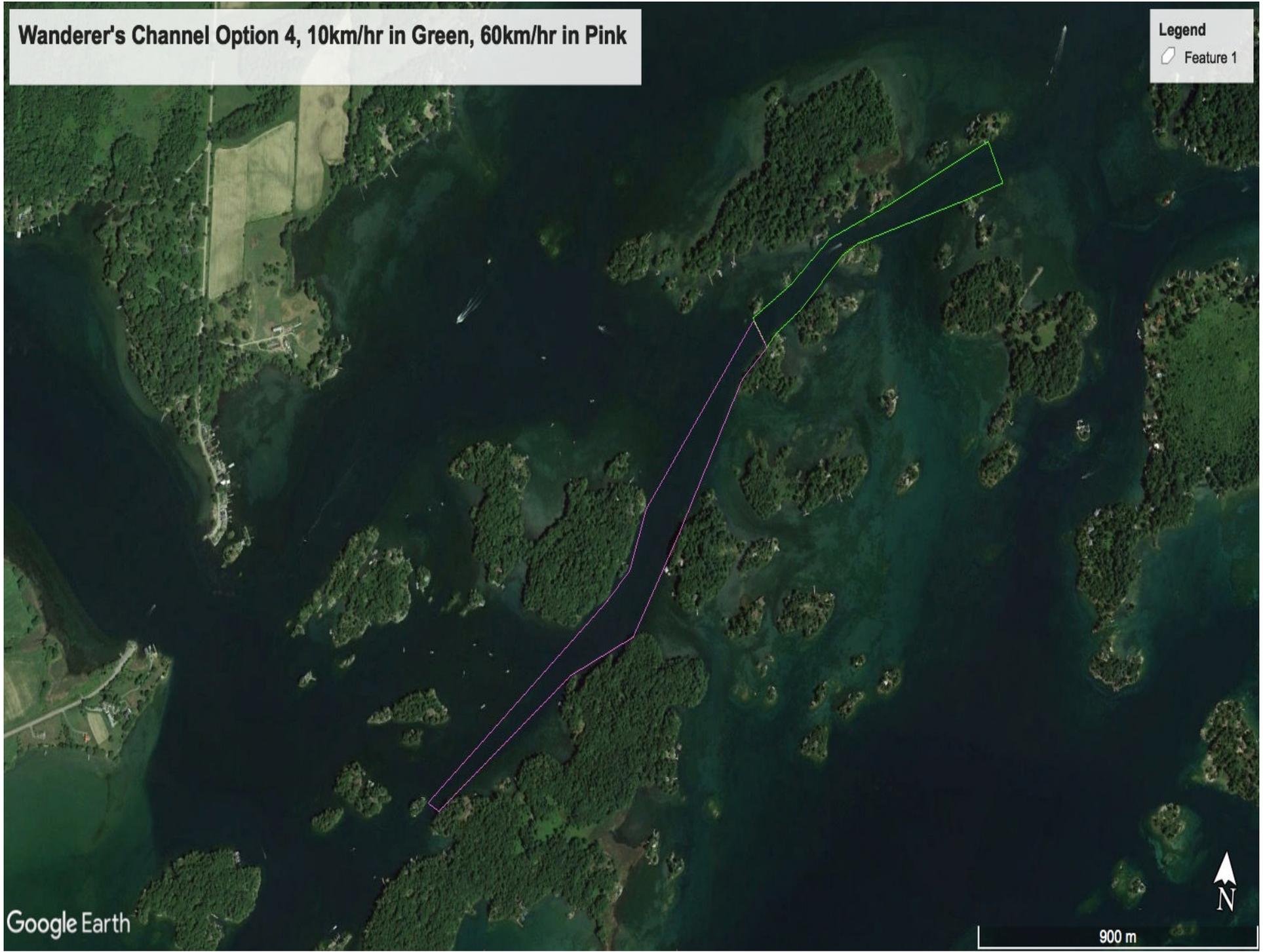


Wanderer's Channel

- * This is a long winding channel with a 9 km/hr limit
- * Historically it has been difficult to gain compliance here due to the slow speed and long length of zone
- * Recommend changing into two different speed zones, 10 km/hr for the narrow east end and 60 km/hr west to Indiana Island
- * Signage would need to be posted at each end of each zone and in the middle of the western zone

Wanderer's Channel Option 4, 10km/hr in Green, 60km/hr in Pink

Legend
Feature 1



Raft Narrows 40 km/hr

Write a description for your map.

Legend

Untitled Polygon



Google Earth

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900 m

Raft Narrows

- * This is the busiest area of the Canadian part of the Thousand Islands
- * This speed zone was never posted therefore it was never enforced
- * It would be very difficult to effectively post the area
- * Recommended removing the zone from legislation

Canadian Small Vessel Channel 40 km/hr

Legend
Untitled Polygon



Google Earth

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1 km

Canadian Small Vessel Channel

- * This is a 40 km/hr zone that was enacted to provide a safe speed without a concern for wake
- * Recommended changing the speed to 60 km/hr
- * This a more reasonable speed for vessels to maintain a state of plane, while considering safety

Tar Island Narrows 9 km/hr

Legend
Untitled Polygon



Google Earth

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1 km

Tar Island Narrows

- * This is a long shallow water channel with a slow speed of 9 km/hr
- * This area is mostly used by local residents and the narrow area of concern would be subject to the 30 meter from shore speed limit of 10 km/hr
- * Recommend to remove this zone from legislation

30m - 8km/hr Zone

Write a description for your map.

Legend

-  Address Boat Works
-  Feature 1
-  Grenadier Island Country Club
-  Rockport Boat Line
-  Untitled Polygon

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4 km



30 meters from shore – 8 km/hr zone

- * This zone was never posted
- * It conflicts with the blanket 10 km/hr limit within 30 meters of shore
- * Recommend that the zone be removed from legislation

Questions?