



**MASS CASUALTY
COMMISSION**
**COMMISSION
DES PERTES MASSIVES**

**TMR2 Radio Communications
System in Nova Scotia**

Foundational Document: Addendum

Prepared by: Counsel for the Mass Casualty Commission

Exhibit Version

TMR2 Radio Communications System in Nova Scotia Foundational Document: Addendum and Erratum

NOTE: This document is based on an analysis of materials available to the Mass Casualty Commission as of September 13, 2022. **Further production and investigation are ongoing.** In addition, foundational documents should be read and understood in light of, and in conjunction with, hearing testimony received by the Commission.

The *TMR2* Foundational Document was exhibited on June 9, 2022, in the Mass Casualty Commission's public proceedings.

Addendum

The following paragraphs are to be amended:

8. The Seeded Radio Program was created to ensure that the volunteer public safety community, including volunteer fire departments, ground search-and-rescue organizations, and municipal emergency management organizations, were not excluded from the new province-wide radio system. Every volunteer fire department received two or three TMR radios. Volunteer fire departments that were also a medical first-response agency received three ~~TMR~~ TMR radios. Every municipal police agency received one TMR radio and municipal police agencies kept the TMR radio at their dispatch point so that the dispatcher could communicate and coordinate with other agencies whenever a multi-agency response was required.
10. In 2008 and 2009, Public Safety and Field Communications (PSFC), ~~an office of the provincial Department of Internal Services~~ an office of the Department of Transportation and Infrastructure Renewal, started planning for the next generation of TMR. In doing so, the Province of Nova Scotia collaborated with two other maritime provinces (New Brunswick and Prince Edward Island) to develop technical specifications and jointly procure the next generation of TMR.
29. At the present time, a single portable TMR2 radio costs ~~more than \$5,000~~. between \$2000.00 and \$10,000.00 dollars.
 - Mass Casualty Commission testimony of Mathew Boyle, June 9, 2022 transcript at p. 65 line 7.
30. The TMR2 has "the ability to have GPS enabled portables". However, it is not just a matter of turning on the function in the portable radio for this to be used. For example, the software used by the various computer aided dispatch systems must be developed to work with these radios. In addition the Radio network, in contrast to the cellular network, is not designed for this type of data usage so using GPS on portable radios would be limited to specific situations such as officer safety.

- Mass Casualty Commission interview of Glen Byrne: COMM0015499 at p. 13
- Mass Casualty Commission testimony of Mathew Boyle, June 9, 2022 transcript at p. 96 line 13.

53. The province also maintains the predecessor radio network, which is completely independent of the TMR system. This network transport layer uses microwaves based technology instead of fibre-optic cables.

- Mass Casualty Commission interview of Matthew Boyle and Todd Brown: COMM0053740 at pp 62 and 63.