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To:	Federal Communications Commission		
Attention:	Certification Officer	**Date:**	May 21, 2020
EMC Ref:	M2001004		
Subject:	FCC FILING – ORIGINAL CERTIFICATION FCC ID: YIY-CASTOF		

Company: GE Mining Australia
FCC ID: YIY-CASTOF
EUT: CAS ToF Ranging Unit (CAS ToF)

Test Firm: EMC Technologies Pty Ltd (Accredited Test Site Designation No. A0001)

GE Mining Australia is applying for FCC certification of the CAS ToF Ranging unit Intended for installation on mobile plant equipment (Mining industry vehicles) and stationary objects to provide situational awareness functionality between the installed equipment and other Collisions Avoidance System (CAS) enabled fleet and infrastructure.

CAS ToF comprises of a 2.4 GHz IEEE 802.15.4a Radio Transceiver containing two 2.4GHz Time of Flight antenna fittings, RS-232/485 communications and an optional internal battery for enhanced radio coverage and accuracy.

EMC Technologies Pty Ltd is acting as agent for GE Mining Australia in this application.

Best Regards

Chris Zombolas
Technical Director

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