

To: **Australian Communications and Media Authority (ACMA)**

Luxembourg, 31/03/2022

Subject: **Reply to Consultation 03/2022 on Update to the Radiocommunications (Foreign Space Objects) Determination 2014**

Dear ACMA,

On behalf of **OQ Technology Sarl.** (OQ Tech), I am pleased to provide comment to ACMA's Consultation 03/2022 on updating the Foreign Space Objects Determination (FSOD) and to re-affirm our support for ACMA's proposal to include OQ Tech among the listed satellite operators in Australia.

OQ Tech is the world's first global satellite 5G operator that provides global cellular Internet-of-Things (IoT) and Machine-to-Machine communication solutions through satellites where terrestrial coverage cannot reach. OQ Tech has successfully implemented and demonstrated narrowband IoT connectivity over Low Earth Orbit nanosatellites and is deploying a global constellation to provide next generation Satellite 5G IoT services to key industry segments, such as transportation, oil and gas, utilities, maritime, agriculture and more.

OQ Tech has successfully developed a patented technology which can be easily embedded in existing 5G device chips to allow billions of users around the world to have ubiquitous IoT connectivity anywhere thanks to OQ Tech satellites. Our dual-mode satellite-cellular IoT modem and tracker is a plug and play small, low cost, and low power solution that can collect data from more than 1000 sensors, has built-in GPS, and supports 5G Narrowband IoT (NB-IoT), GSM, LTE-M and bi-directional Satellite links. Our radio air-link is compatible with NB-IoT which was standardized in 3GPP Release 13 and is considered for 5G massive machine communication.

All this means greatly reduced end user costs compared to existing Satellite IoT solutions and OQ Tech's solution will contribute towards the overall integration and improvement of IoT connectivity to the benefit of the Australian market. OQ Tech is already engaged with local stakeholders and working towards realising the benefits of our next generation Satellite 5G IoT technology and service to Australian users.



Including OQ Tech in the FSOD would therefore be significantly in the Australian interests, of its key industry segments and the IoT ecosystem as a whole; not least by expanding the diversity of Satellite IoT technologies available to the Australian IoT market and enabling cutting edge, integrated, low cost IoT solutions to the customers.

Thank you again for this open and transparent initiative of updating the FSOD and we remain at ACMA's full disposal for any further information or questions.

Yours Faithfully,

Omar Qais Talib Qaise – Founder & CEO