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Our ref. ESA-TIAA-LE-2020-1896

Noordwijk, 16/03/2020

Subject: Letter of Support

Dear Sir Madam,

Astronaut fatigue has been found to be one of the key risk factors for long duration manned missions in Space. It has been known for some time that fatigue can be very accurately detected from computer analysis of a short voice recording, so after examining all other fatigue detection technologies the European Space Agency (ESA) funded a feasibility study funded called iVOICE. The iVOICE voice project based fatigue detection technology for use in long range manned missions to Mars and other planets.

Under the Downstream Business Applications programme (Artes 20 programme) ESA contracted WOMBATT Fatigue Management Ltd (UK) to commercialise the technology for use on Earth.

ESA has conducted a comprehensive Factory Acceptance Test (FAT) for WOMBATTs commercial version of the iVOICE fatigue technology. The WOMBATT iVOICE system passed the ESA FAT test and is currently being deployed commercially at mining sites and in airport air traffic control centres around the world.

Yours sincerely,

A handwritten signature in blue ink, appearing to read 'Frank M. Salzgeber', written over a light blue horizontal line.

Frank M. Salzgeber
Head of Innovation and Ventures Office, TIA -AI
Downstream Business Applications Department Directorate of
Telecommunications and Integrated Applications