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## Swiss WorldCargo

Attn: Jonathan Friesen

March 15<sup>th</sup>, 2017

TO WHOM IT MAY CONCERN

**Approval for Cargo Tracker Device Verigo Pod to be transported on Swiss International Air Lines Ltd. and Swiss Global Air Lines Ltd.**

Swiss WorldCargo has requested SWISS Flight Operations Engineering to evaluate the cargo tracking device Verigo Pod from Verigo to be transported on Swiss International Air Lines Ltd. and Swiss Global Air Lines Ltd..

This evaluation has been performed against AMC1 to CAT.GEN.MPA.140, Issue 2, Amendment 1 (following ED Decision 2014/029/R), in particular chapter (d)(3) specifying an EMI assessment method for cargo tracking devices.

The evaluation has found no error in the compliance material provided by Verigo to demonstrate the points that are detailed in Attachement 1 to this letter.

Therefore we have no technical objection to permit the use of the Verigo Pod cargo tracking device for test purposes on Swiss International Air Lines Ltd. and Swiss Global Air Lines Ltd. flights for a duration of **6 months starting from 1<sup>st</sup> of August 2017**, by following EMI assessment method (d)(3)(iii) of AMC1 CAT.GEN.MPA.140. However, the aircraft must be HIRF certified and Swiss WorldCargo should also observe (e) of AMC1 CAT.GEN.MPA.140 related to the cargo tracking devices maintenance.

If there are no findings after the test period, this approval will be valid until further notice.

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Jan Vetsch  
Manager  
Projects & Development  
Flight Operations Engineering  
Swiss International Air Lines Ltd.

A handwritten signature in black ink, appearing to read "Daniele Stüdeli".

Daniele Stüdeli  
Head of Flight Operations Engineering  
Swiss International Air Lines Ltd.

Attachement 1:

The following has been considered:

Verigo's used Bluetooth technology is considered non-transmitting.

The transmissions of the Verigo Pod are limited per design to short periods of time.

The Verigo Pod non intentional emissions comply with levels specified in RTCA DO-160G section 21, Category H.

The documents required by (d)(3)(ii)(D) of AMC1 CAT.GEN.MPA.140 have been provided by Verigo and evaluated. The documents used during the evaluation are contained on the LH Group Sharepoint "cargo\_tracking\_devices" as well as the SWISS OMS piazza.

In addition, the lithium battery used in the Verigo Pod meets UN ST/SG/AC.10/11, IEC 62133 and UL1642, which satisfy the requirements of point (f) of AMC1 CAT.GEN.MPA.140. Additionally the documents were checked and approved by the Dangerousgoods Competence Center of SWISS.