

## SABER BLADES IN MARAGING STEEL

Lausanne, February 18<sup>th</sup>, 2020

Dear manufacturers,

since the fatigue tests done till now have got a wide range of results, it has not been possible to establish an affordable average of cycles for the fatigue test of the sabre maraging blades. It was therefore decided, during the last meeting of the FIE Executive Committee, to ask the manufacturers **to send 3 Maraging sabre blades as samples.**

These blades have to be sent to Mr. Giandomenico Varallo at the following address:

GIANDOMENICO VARALLO  
c/o GIANDOMENICO VARALLO S.R.L.  
Corso Vittorio Emanuele II, 27  
10125 - TORINO - ITALY

The blades will be tested in Breda Laboratory in Italy in a same machine, following the same process for a fatigue test. In case of abnormal breakage, the crystalline structure of the alloy will be compared to the other ones by other manufacturers. The average values of this kind of test will be the future standard for the fatigue test of Saber blades. All chemical and mechanical characteristics are completely analogous to other weapons

The obligation for sabre maraging blades will enter into force at the beginning of the 2020/2021 season. However, due to the tests remaining to be done, some Maraging blades might only bear the mark M or Maraging at the beginning of the 2020-2021 season.

Therefore, the FIE Executive Committee decided that during the season 2020-2021 only, which is to be considered as a grace period, Maraging blades bearing the mark M or Maraging, but bearing or not bearing the FIE new technical mark, will be allowed.

The SEMI commission will prepare a special list for both kind of blades.

Thank you for your kind cooperation.

Semen Rikthman  
President of the SEMI commission

Jacek Bierkowski  
COMEX's Representative at the SEMI

Giandomenico Varallo  
SEMI in charge for CCOH

