ON SITE TIMING CHECKLIST FOR FIS TD's

<u>This document should be used as a follow-up of the "FIS event time table for TD" and the "Pre-event Checklist for TD"</u>

☐   Timers - Are both timers, as well as other timing equipment, on the current list of timing equipment homologated by the FIS Timing Working Group? (http://data.fis-ski.com/services/timing-and-data/homologated-timing-equipment.html)

☐   Printers - Does data from both timers print with a minimum precision of 0.001 seconds?

☐   Connection - How many pairs are available and tested for the timing system? (We usually need a minimum of three pairs: two for the timers and one for communication. In addition it is strongly recommended that extra pairs are available in case of trouble)

☐   Software - If timing software is used to calculate times, is it calculating net times using the precision of ToD as used in the timing device?

☐   Start Gate - Does the Start Gate meet the following requirements?
        ☐   Separate contacts (2 pairs)?
        ☐   Installed at proper height?
        ☐   Are there identical Start Gate mechanism & Wand available for replacement?
        ☐   Are the Start Posts solidly installed? Plus, if available, do pole plant pads and proper slope start angle right at the end of the post
        ☐   Is there is proper designated location for the start officials?

☐   Finish Eyes - Do the Finish Photocells meet the following requirements?
        ☐   Are 2 sets available?
        ☐   Are 4 posts available for mounting photocells? (2 are acceptable; replacements must be available)
        ☐   Is the vertical separation between the beams no greater than 20cm?
        ☐   Are the post properly protected in order to cover various entry angles?
        ☐   Is the snow base from one side to the other level enough for the beam to always be triggered by the racer below the knee?
        ☐   Has the line been colored; is it in line with the beam?

☐   Hand Timing - Is hand timing that records to 0.01 seconds precision available? Are times being properly recorded?

☐   Power On - Should be done at least 30 minutes prior to synchronization.

☐   Synchronization - Should be properly done using one contact no more than one hour (60 minutes) prior to first racer start time for each run? If after 1 minute the difference between system A and B is greater than 0.001 seconds, the synchronization must be redone and checked again prior to the start of the run.

☐   Failures - If system A fails, is the timing crew ready to efficiently calculate times (EET/Replacement time)?

☐   TDTR - Is the timing crew ready to prepare the TDTRs using current FIS software? (In order for you to validate it, tapes from all timed runs must be available.)