# Electronic Mark Errors

*This document was created for the Europeans 2011 for guidance on how to deal with logger handling errors. The document has been updated to reflect the experience during the Europeans. The document will be further developed in collaboration with the Scoring WG, see also the CIA forum.*

In any case physical marker takes precedence. In that case electronic mark can be ignored and also no penalty for wrong or missing electronic mark should be applied.

Logger should be configured such that a single mark number cannot be released more than once. But it is nevertheless possible for the pilot to clear the marker drops on the logger and drop the same mark multiple times.

| Tasks to be flown in order | |
|---|---|
| Order is clear. Depending on task setting and wind condition intention of the pilot is clear. In that case we try to give a good result for the pilot. | |
| Wrong mark number, dropped too early | 25TP per wrong mark |
| Wrong mark number, too late or non-used mark number | 25TP<br>If multiple drops in proximity of goal, use least advantageous mark.<br>If unclear for elbow / land run use least advantageous result. |
| Missing mark | Contest LND / No Result |
| Multiple mark of same mark number | 1$^{st}$ mark used. 2$^{nd}$ completely ignored |

| Tasks to be flown in any order | |
|---|---|
| Need to be strict, because intention of the pilot cannot be determined. Appling rule for wrong maker number is not possible. | |
| Missing mark | Contest LND / No Result |
| Multiple marker drop | 1$^{st}$ marker drop |

*The following rules touch these recommendations:*

- *8.4.8 states that always the 1$^{st}$ el. mark has to be used.*
- *12.11.2 states that missing marks is NR*
- *At the CIA plenary in March 2012, the AX WG decided to introduce contest landing with loggers, see 11.3.*

# Goal Declaration Errors

| Missing declaration | No Result |
| --- | --- |
| Wrong slot number | Be strict on the slot:<br>If unused slot: ignore the declaration.<br>If slot used in another task: Apply the declaration to that task. (changed, see below)<br><br>*This policy was changed while analyzing the first flight because it was too hard:*<br>*In case no ambiguous slot number we were tolerant as well. E.g. 1 task with declaration and the pilot declared in wrong slot (e.g. number of task instead of #1). In General No result should be given if the declaration was done in more than one slot. This modification worked well during Europeans, but it can also cause issues, if the pilot realizes his fault and re-declares in the right slot. During Europeans only few cases happened: In one case, the pilot had the same declarations in both slots and thus it was accepted as well. In another case the declaration in the wrong slot was invalid (no valid goal) and also ignored.* |
| Declaration too late | If previous declaration: Ignore the late declaration.<br>If no previous declaration: No Result if declaration had to be done in flight or 12.3.6 and 12.3.7 (100TP/min or NR) if declaration had to be done before flight.<br><br>*If the TDS stated "declare before logger mark #5" and no mark #5 was available, No Result was given.* |
| Invalid declaration with clear intention (not ambiguous)<br>e.g. 0550/0000 for goal 055 if 0550/0000 is no valid coordinate in the contest area. | Take the declaration, but warn the pilot |
| Altitude given when no altitude needed | Ignore altitude declaration, but warn the pilot |
| Altitude missing when required | Use ground altitude |