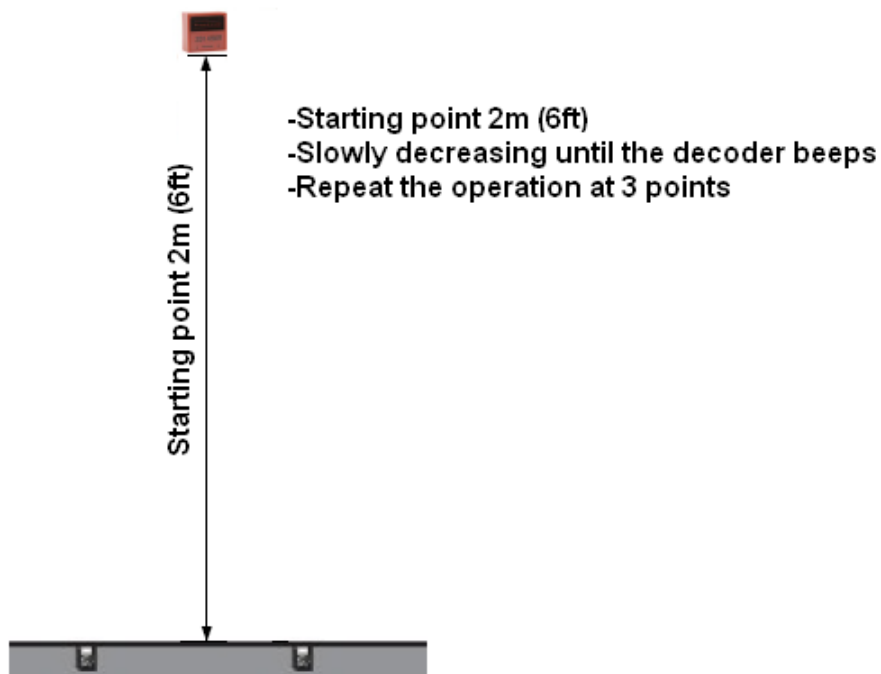
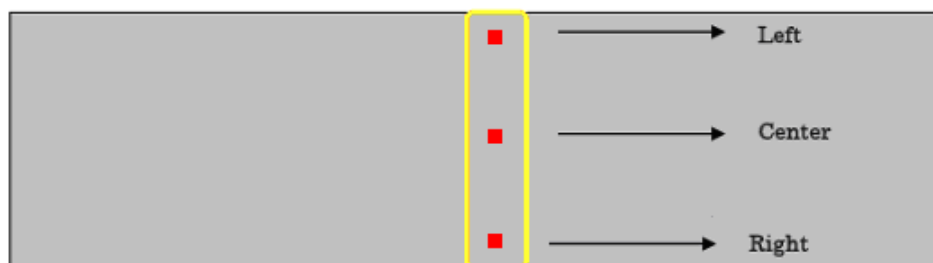


## Periodical check of the detection loop

MYLAPS recommends testing the detection loop on a regular basis AND before every event.

- 1) Before starting:
  - A charged transponder is necessary to perform the test
  - The transponder should be positioned vertically about 10cm vertically above the track.
  - The distance between the transponder and the track should remain the same during the test.
  - Usually there should be 3 testing points on each side of the loop: Left end, center, and right end of the detection loop (see drawing)
  - If possible have the decoder next to the detection loop and have the headphone plugged into the decoder. If the decoder is far from the detection loop, 2 persons are required: one person that performs the test, another next to the decoder in communication with the testing person.
- 2) How to proceed (see picture):
  - a) Place the transponder vertically and start the test about 2m (6ft) at the middle of the detection loop.
  - b) Slowly decrease the height towards the detection loop
  - c) As soon as the decoder emits a beep stop and mark the position on the track
  - d) Repeat a, b and c at the center, left and right of all detection loops.



- e) The measured detection height should be the same at the 3 points (around 45cm/18 inch)
- f) If the detection height differs on the points, contact AMB