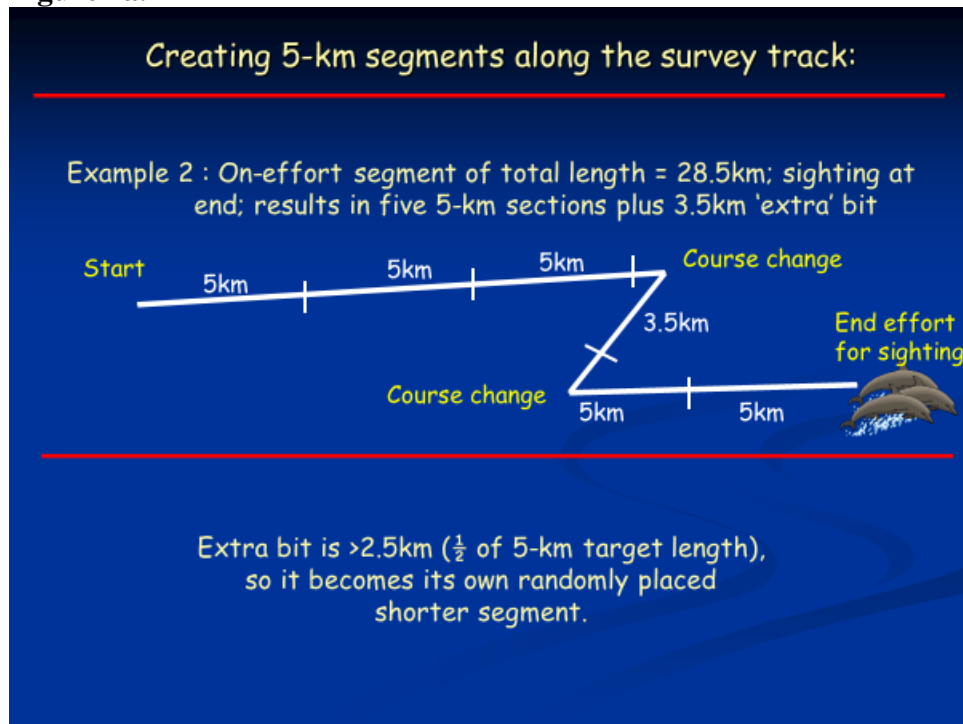


Figures for chopping continuous effort sections into modeling segments of equal length  
Courtesy of Elizabeth Becker

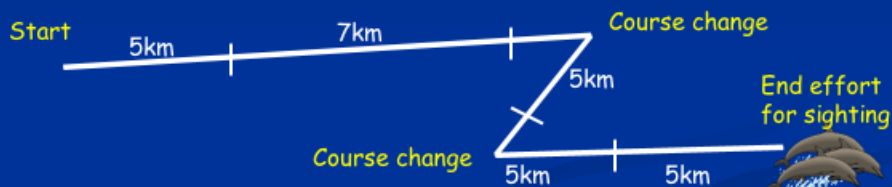
**Figure 1a.**



**Figure 1b.**

### Creating 5-km segments along the survey track:

Example 1: On-effort segment of total length = 27km; sighting at end; results in five 5-km sections plus 2km 'extra' bit



Extra bit is <2.5km ( $\frac{1}{2}$  of 5-km target length), so it is randomly added to one of the other 5km segments, creating one longer one.

Figure 1c.

### Creating 5-km segments along the survey track:

Example 3: On-effort segment of total length = 1.8km; sighting at end; create shorter segment.



If the total on-effort segment length is <5km, then it also becomes a separate shorter section.