

ENC Watermarker

Data producers and distributors must protect their chart products against copyright violations. Until now there has been no method available to prove copyright violations with respect to S-57 charts. ENC data could be illegally duplicated, completely or partially. To combat copyright violations, SevenCs has developed ENC Watermarker. It individually marks data in the S-57/SENC cells by means of a hidden watermark. Thus, if unauthorized copies of ENC data appear on the market, the originator can identify his/her mark using ENC Watermarker to show that this is in fact a copy of his/her ENC. These marks are indelible and will survive practically any attacks designed to remove them.

Unlike optical watermarks used in some raster data, the watermarks generated by ENC Watermarker are based on mathematical algorithms which are applied to the data, making them impossible to spot by visual scanning.

<https://www.hydro-international.com/content/article/enc-watermarker>
