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Q1

I would name three milestones: The invention of the echosounder, the digitalization in hydrography and the widening scope of users and uses of hydrographic data. All three led to revolution or at least drastic changes and developments far beyond the technological changes.

Q2

On the surveying part, I foresee a regular combination of acoustic and optical sensors on all kinds of platforms from the subsea to space.
On the processing part, I see a major development in the use of artificial intelligence.
On the product part, there might be a disaggregation of ENC-data from a flat screen to diverse and tailored applications on-board and onshore. This will make use of the S-100 family of product specifications and will serve the broad range of automation in shipping and all other uses of hydrographic information.

Q3

Not really. I think it usually is the latest issue of IHR (currently 28) and at least a few of the articles. I will not name just one of them.
