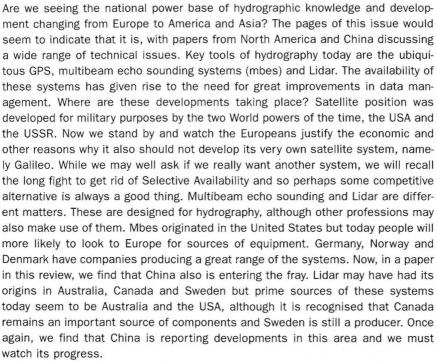
Editorial



While the development of hardware has been restricted to a very few countries, this is not the case with software and data management. Developments of a minor nature go ahead in most hydrographic offices but major system developments can be found in several countries, which notably include Australia, Canada, Germany, Russia and the USA. This list is far from inclusive and interesting developments are afoot in many countries, which include, once again, China. Data management, connected with the production of electronic charts, is a particular activity that can be seen going on in several countries and providing a service to hydrographic offices. Here we may look to Germany, Italy, India, Japan and Russia.

The above exercise of attempting to identify where modern hydrographic developments are taking place is full of pitfalls, as numerous countries will raise their hand to say that they have been omitted from the lists. However, what is interesting is that some of the biggest practitioners of the hydrographic business are not necessarily those who are taking a lead in the development of the technology. Why, we may ask, are the United Kingdom and Japan not developing mbes or Lidar? On the other hand, the USA, is now covering all areas of development and is particularly noticeable for its recent developments in data management, as evidenced in papers in this and other issues of this journal.

Adam J. Kerr, Editor

