

## **Quality control of VOS data in Hong Kong**

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The collection of weather reports from voluntary observing ships (VOS) in Hong Kong dates back to 1949. During the past 50 years, over 1.9 million ship weather reports have been collected, quality checked and archived. The data are compiled into marine climatological summaries under the Marine Climatological Summaries Scheme (MCSS) and exchanged with the Global Collection Centres at the United Kingdom and Germany. All VOS data processed by the Hong Kong Observatory are subject to quality control which checks the positions of the ship, time sequence of reports, and internal consistency of the meteorological parameters reported. This paper describes the quality control scheme, its limitation and future improvements.