

CD91A TOBI imagery

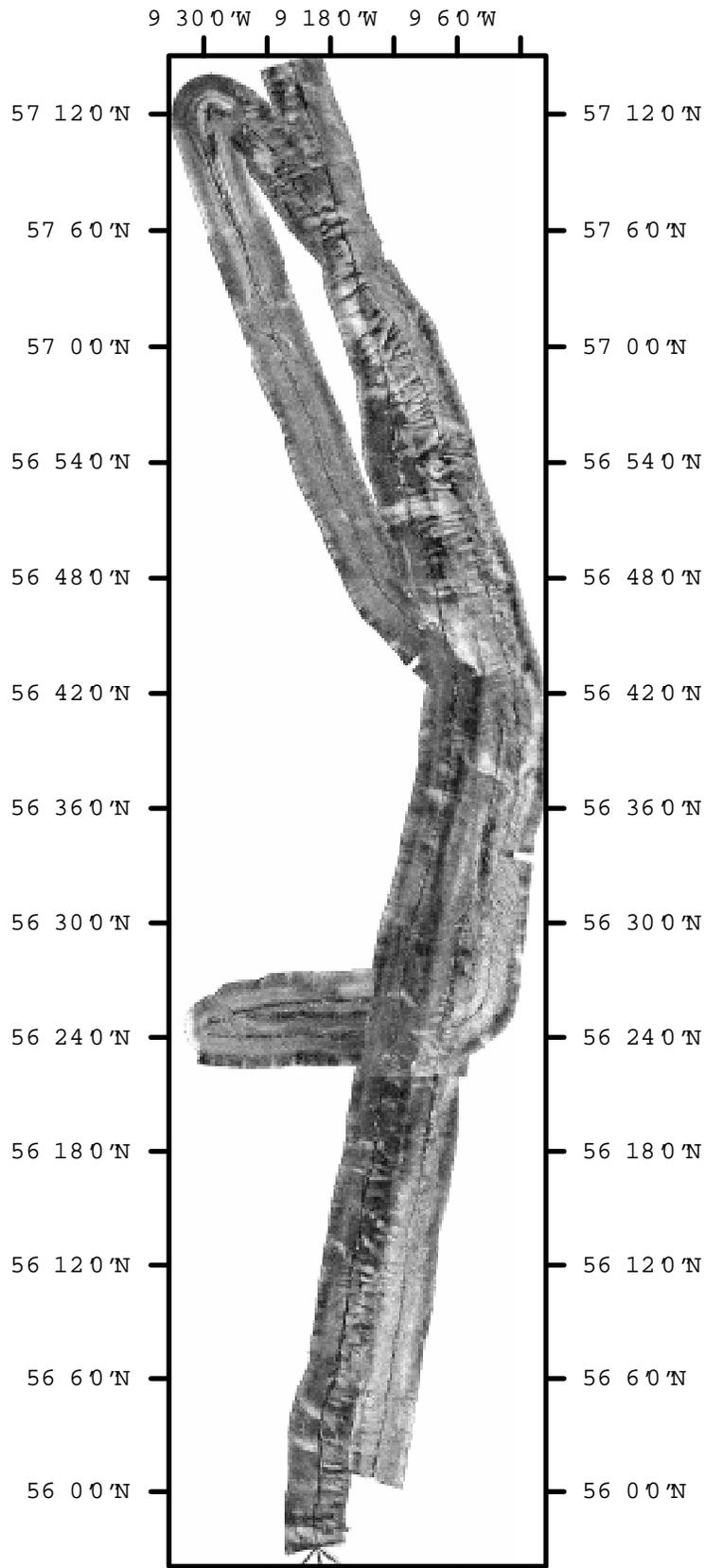
IOSDL TOBI is a side-scan-sonar system designed for slow deep-towed operations. The neutrally buoyant fish, operating at 30 kHz, is towed 200 meters horizontally behind a heavy depressor weight.

TOBI was deployed twice in March 1995 during cruise Charles Darwin CD91A. During the first deployment (9th March 1995 to 11th March 1995) the vehicle was in the water for 55 hours and was towed for 157 nautical miles, at an average speed of 2.85 knots. 30 hours of good data was obtained from the second deployment, starting at 10am on the 19th March 1995.

The TOBI deployments formed part of a high resolution bathymetric survey of the Hebridean Shelf Edge from 56°N to 57°N.

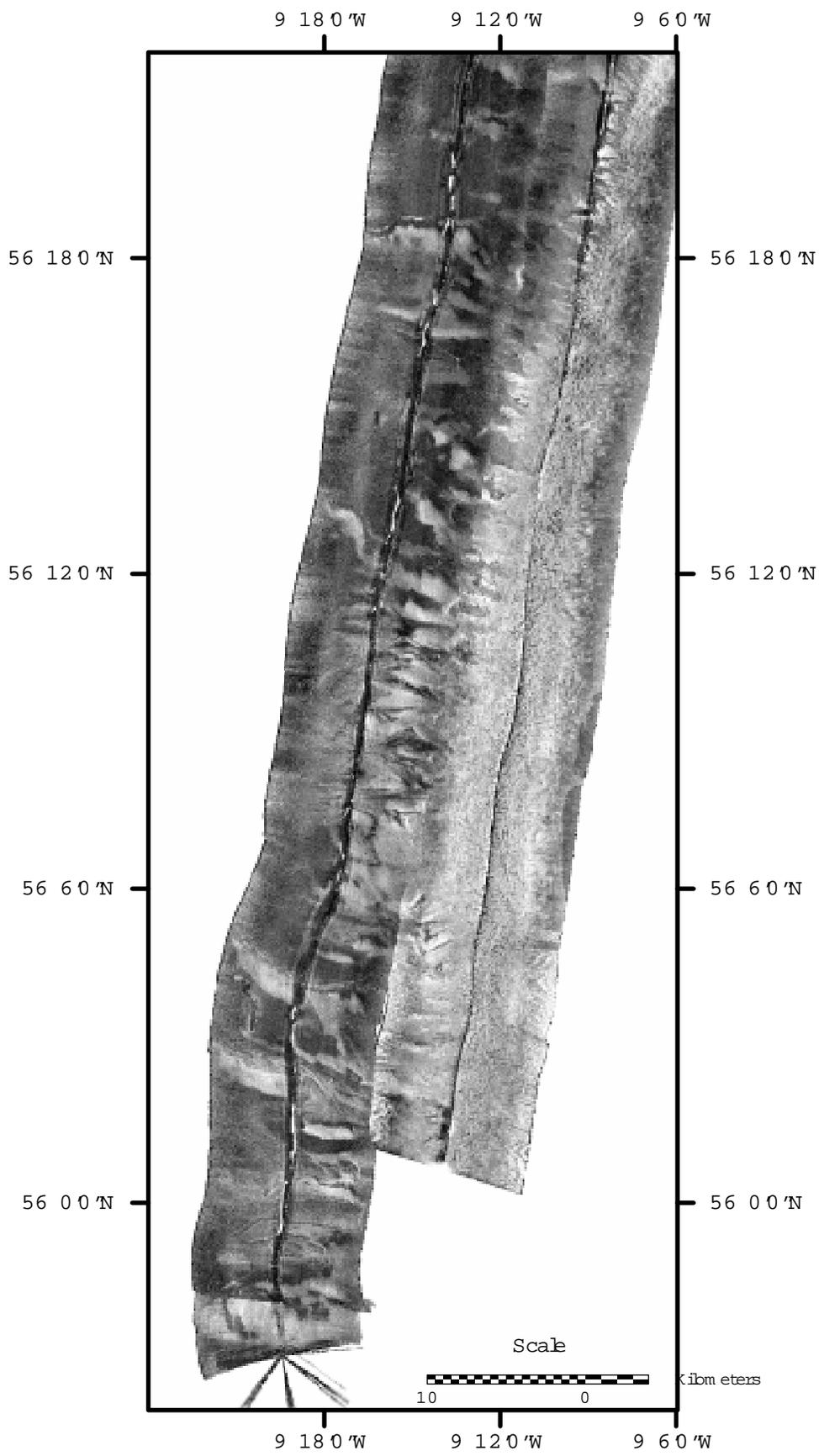
There are five maps (each with a pixel size of 6 metres) and a **summary map** (with a pixel size of 24 metres), all with a 6 kilometre swath width. The projection of all the maps is Mercator.

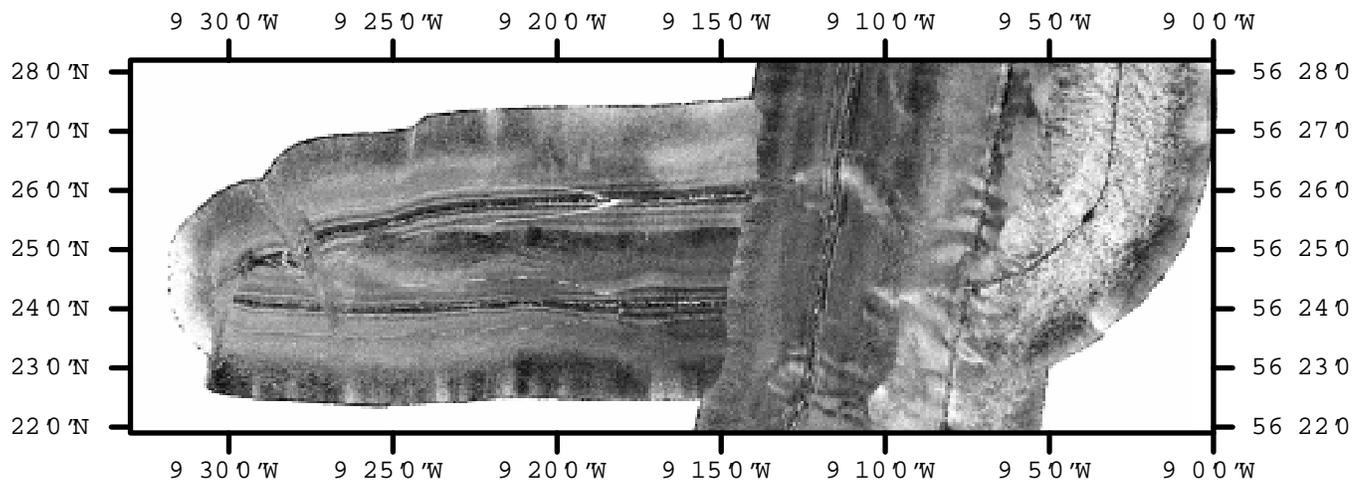
Map	Min Latitude	Max Latitude	Min Longitude	Max Longitude
1	55.935	56.365	-9.4	-9.1
2	56.365	56.47	-9.55	-9.0
3	56.47	56.8	-9.315	-8.96
4	56.8	57.1	-9.425	-9.0
5	57.0	57.25	-9.555	-9.21



Scale

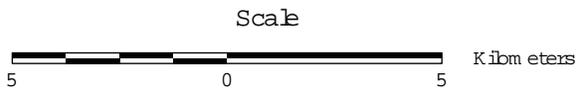
5 0 Kilometers

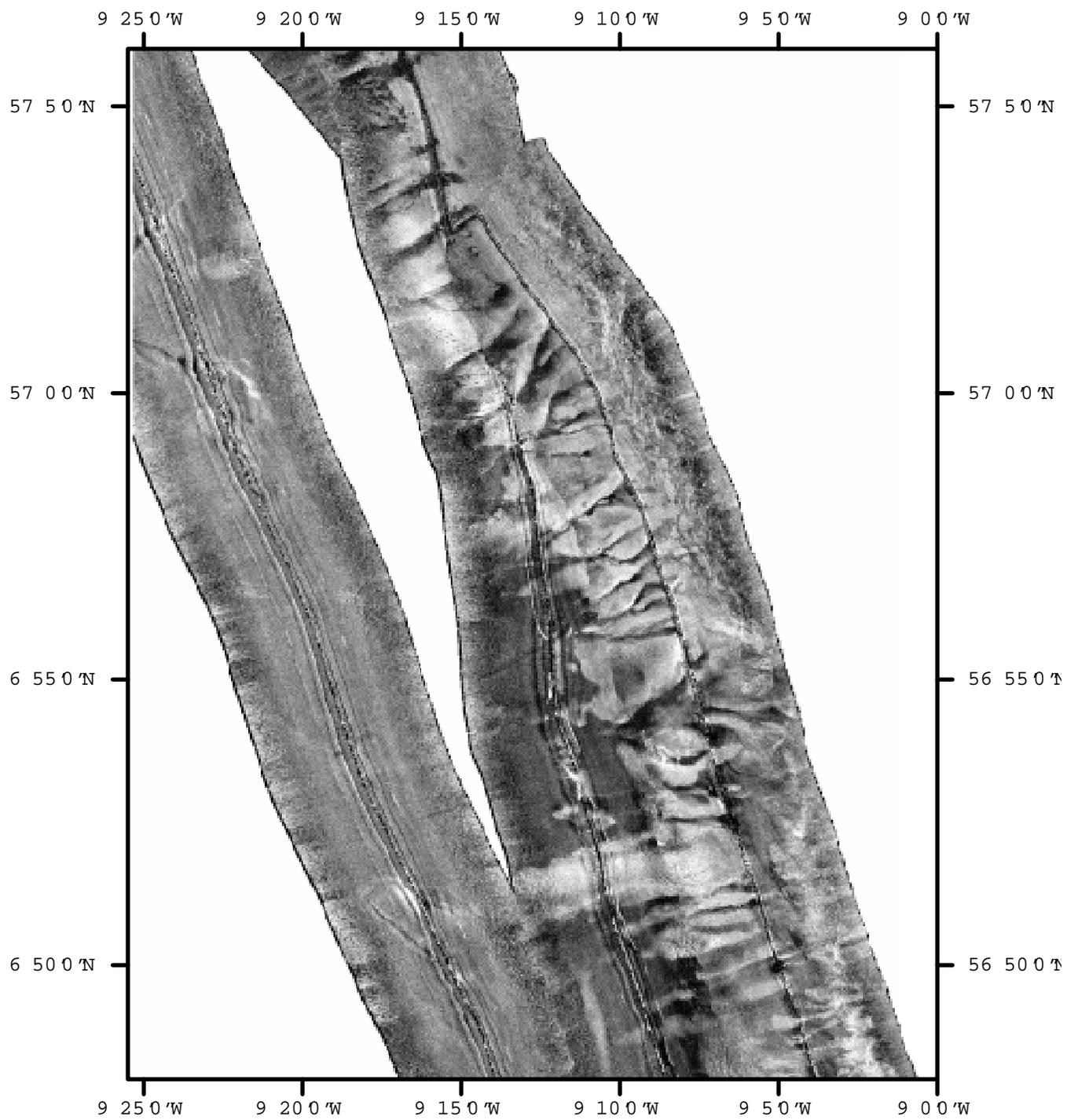




Scale







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