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Cover	Braunbek coil array used for producing directed magnetic fields up to 1 oersted at the Fredericksburg, Virginia, Magnetic Observatory and Laboratory of the U.S. Coast and Geodetic Survey. In the working space over the pierhead, the applied field neutralizes or modifies the earth's field to simulate that of any locality on the globe or in outer space. [Courtesy U.S. Coast and Geodetic Survey]	

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