

## MARCONI MAINTAINS LABORATORY IN YACHT

**Famous Wireless Wizard Practically Lives on Board Ship; Talks to World**

The haunt of the magician of old was in a cave—but that of the modern magician of radio is on the high seas.

Aboard his yacht *Electra*, perhaps hundreds of miles out from shore Guglielmo Marconi, who made radio practical, still carries on his experiments, working daily to push his development of wireless still another step onward, says an Associated Press dispatch from Genoa, Italy.

Isolated though he is from land, he is in more intimate touch with the world generally than millions of land creatures. He sits at his telephone transmitter and from the Mediterranean talks with Australia, North and South America, Asia and all of Europe.

### Yacht Is Home

Marconi's yacht is his home. With him travels his wife, the former countess Bezzi-Scali. He sold his home in Rome when he purchased the *Electra*. This was just after the war. Since then the inventor has spent the major portion of his life aboard ship.

Few realize the part played by the *Electra* in the development of wireless. The man who transmits a message from London to Australia—does he know that Marconi worked out the means for doing so? The man in New York who listens to a radio program in Chicago—does he know that Marconi experimented on the high seas are partly responsible for his entertainment?

In April, 1923, Marconi began experiments on short wave transmission aboard the *Electra*. Out of them sprang "beam wireless," which concentrates radio waves in one direction rather than permitting them to leave the antenna in an ever-widening circle.

### One of Many

This is just one of the few accomplishments in which the yacht laboratory has played an important part including one of the most recent in which the inventor conducted a two-way conversation from the Mediterranean with America as a nation of listeners were tuned in via a country-wide broadcast chain.

Kings and queens and princes and princesses of England, Italy and Spain have visited the *Electra*. Their autographed photos hang in the salon. Nearby is a photo of Pope Pius Eleventh, with a blessing to the inventor.

The radio room is a large cabin so filled with apparatus that it is almost impossible to move about; the adjoining country's large airplanes to administer Everything is spotlessly clean.

In order that certain minerals such as realgar, proustite and others, which would fade or change color if continually exposed to light, may be exhibited and made available for study, a system of covers inside the cases which may be automatically lifted by the student is installed at Field Museum of Natural History.



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