



Experience 100 years of communication

Grimeton Radio Station was built in the early 1920s as a result of pressure on the Swedish Telegraph Administration from the Sweden-America Foundation who highlighted the need for a stable telegraphic connection across the Atlantic, for private correspondence and not least for trade between the countries. When the radio station was put into operation on December 1, 1924, it became part of a larger global wireless network of high-power radio stations. The system used in Grimeton was designed by the Swedish American electrical engineer Ernst Alexanderson, whose knowledge ranged from basic mechanics to advanced antenna technology. What made this transmitter special in its day was that it mechanically generated alternating current at frequencies that reached the radio frequency range, but at the same time with such high power that it was practically usable for international radio communications. In the case of Grimeton Radio Station, the frequency was early settled on 17.2 kHz with a wavelength of about 17.4 km.

Today, only Grimeton Radio Station remains intact of the once many high-power radio stations built around the world in the early part of the 20th century. The fact that its long-wave transmitter is still operational and on special occasions each year transmits a Morse telegram on 17.2 kHz means that Varberg, Halland and Sweden can showcase a technological heritage that is not found anywhere else in the world. As a result, the station was inscribed on the UNESCO World Heritage List in July 2004. The site can be visited throughout the year during regular opening hours or for pre-booked groups. On a few occasions during the year, the old transmitter is started up, this is usually done in connection with a more in-depth technical tour.

Participants at HF-25 have a 20% discount on the ticket price for the various activities during regular opening hours during the period July-December 2025. Use the code **HF2025** when booking your tickets at <https://grimeton.org/en/>

Suggested arrangements

Extend your conference stay and start or end it on the fantastic west coast by visiting [Grimeton Radio Station](#). You can easily get here from or to Visby through good flight connections via Göteborg Landvetter Airport or Copenhagen Airport. From the airports, it's easy to get by train to the nearest town of [Varberg](#), from where there are also regular [buses to Grimeton](#) during the summer months.

On Thursdays, August 7 and 14, the guided tour '[Technical Shift with Transmitter Start](#)' (English) is held at 2.30 PM, which is highly recommended for those interested in the technology of the old Alexanderson transmitter.