

## SAQ

The Varberg Radio Station at Grimeton in southern Sweden is an exceptionally well-preserved monument to early wireless transatlantic communication. The transmitter, the heart of which is an alternating-current generator (alternator) was developed by the Swedish-born engineer Ernst Alexanderson (1878-1975), who was a pioneer in radio engineering. In autumn of 1923 the establishment, except the six antenna masts, was completed. The construction of the masts were built in 1924 as the last part of the installation. The six 127 meter high masts are still there. The masts were placed at 380 meter intervals and at the top of the 46 meter high masts, long crossarms were attached in order to carry the 12 wires feeding energy into the six vertical radiating elements.

### Location

JO67EC

N 57° 06' 47.42" (+57.113171°)

E 012° 23' 50.20" (+012.397277°)

### Infos

Wikipedia

[http://en.wikipedia.org/wiki/VLF\\_transmitter\\_Grimeton](http://en.wikipedia.org/wiki/VLF_transmitter_Grimeton)

[http://en.wikipedia.org/wiki/Alexanderson\\_alternator](http://en.wikipedia.org/wiki/Alexanderson_alternator)

Grimeton Veteranradios Vänner Radiostation SAQ

<http://www.alexander.n.se/>

Världsarvet Grimeton

<http://www.grimetonradio.se/page1.html>

UNESCO World Heritage

<http://whc.unesco.org/en/list/1134/>

IEEE History Center: Alexanderson Radio Alternator, 1904

[http://www.ieee.org/web/aboutus/history\\_center/alexanderson.html](http://www.ieee.org/web/aboutus/history_center/alexanderson.html)

Communications tower

<http://en.structurae.de/structures/data/index.cfm?ID=s0010737>

Maps

<http://maps.google.com/maps?ie=UTF8&ll=57.114156,12.39687&spn=0.274771,0.617981&z=11>

<http://maps.google.com/maps?t=h&ie=UTF8&ll=57.114156,12.39687&spn=0.017173,0.038624&z=15>

<http://maps.yahoo.com/index.php#mvt=h&lat=57.113171&lon=12.397277&mag=5&zoom=14&trf=0>

Images & Videos

<http://www.schaetze-der-welt.de/denkmal.php?id=327>