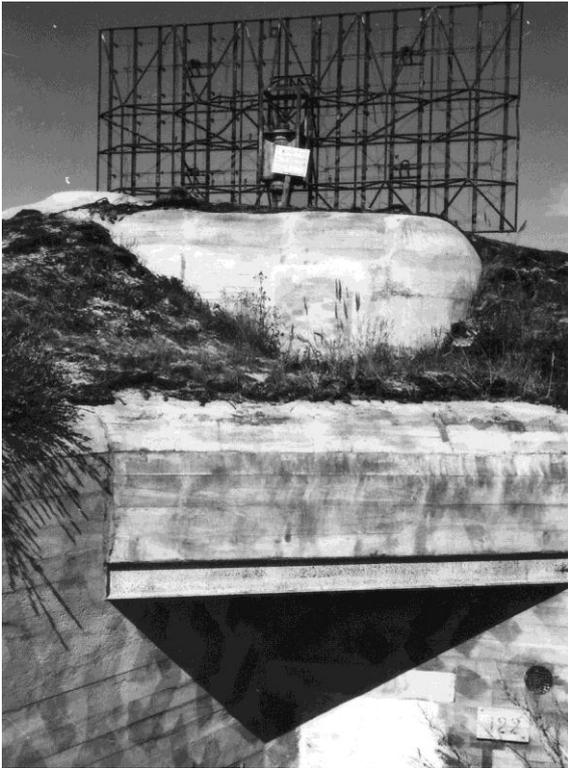


The FuMO 4 DÜNKIRCHEN a story and a study.

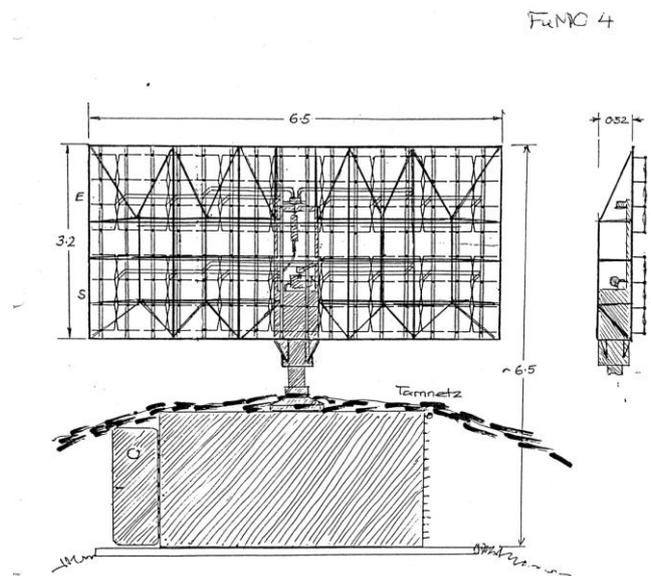
In 1986 F. Trenkle published "Die deutschen Funkmessverfahren bis 1945" an excellent book and a real classic, a must for any Ln-nerd. So I was quick to pick it up.

On page 131 there is a drawing of a presumed FuMO 4, but Trenkle also writes: "Die Antenne des FuMO 4, das anscheinend nur als Munster gebaut wurde, kann nur noch bei der Anlage FuMO 34 (a shipborne version) zum Einsatz".

So it was assumed that the FuMO 4 was never deployed operationally ashore. This assumption was correctly based on the fact, that this type of radar was not mentioned in any Kriegsmarine KTB or in the list of equipment handed over to the allies (e.g. BAMA RM 7/1590) where it is incorrectly listed as FuMO 3.



Shortly after I had purchased the book, I stumbled upon this picture of a radar on the V 174 in The Skaw, and I immediately suspected, that it depicted the elusive FuMO 4.

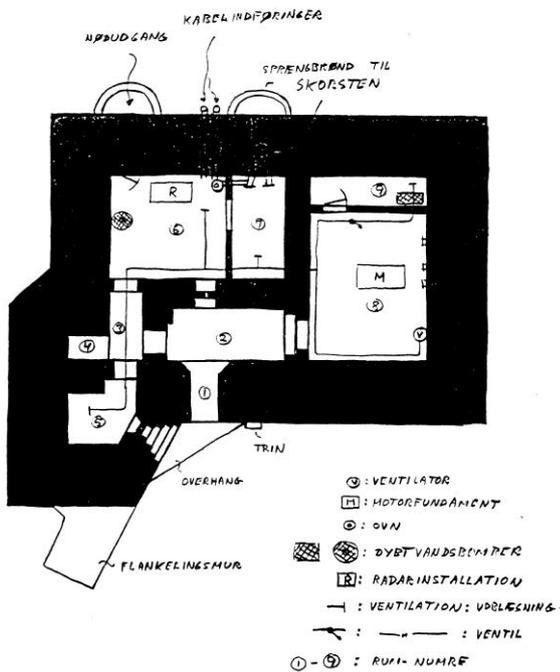


So I sent Herr Trenkle the picture and back came a quite excited letter with the above drawing attached. Yes we had indeed proven that the FuMO 4 had been deployed ashore.

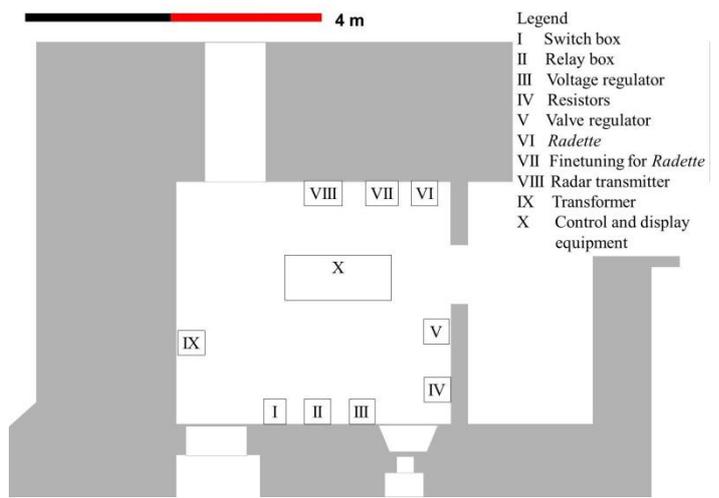
Over the next couple of years with a lot of help from a lot of friends I acquired pictures of all the radars named FuMO 3 in RM 7/1590. And five of them turned out to be FuMO 4. The locations were: Nymindegab, Skagen, Dokkedal, Gedser and Rønne. Additionally a few pictures also surfaced from locations in Norway.



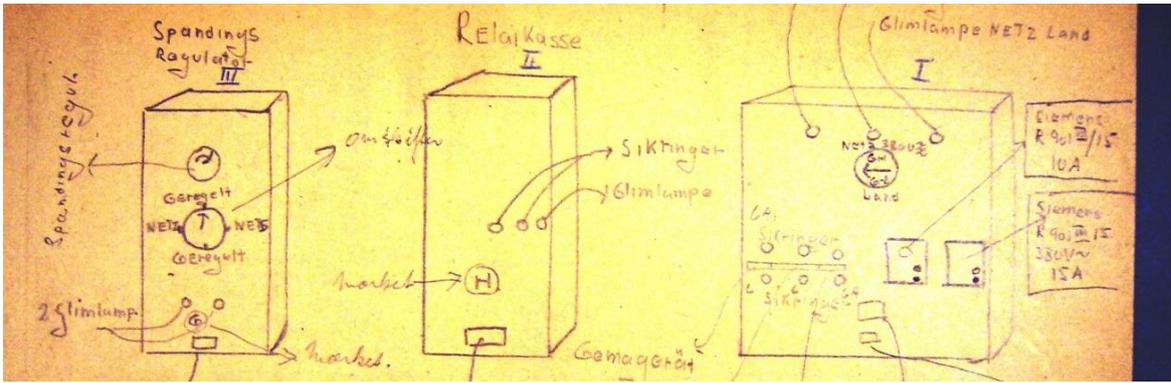
And then in 2010 Norwegian bunker hunters found a V 174 joined with a 621 and the remains of a FuMO 4 antenna.



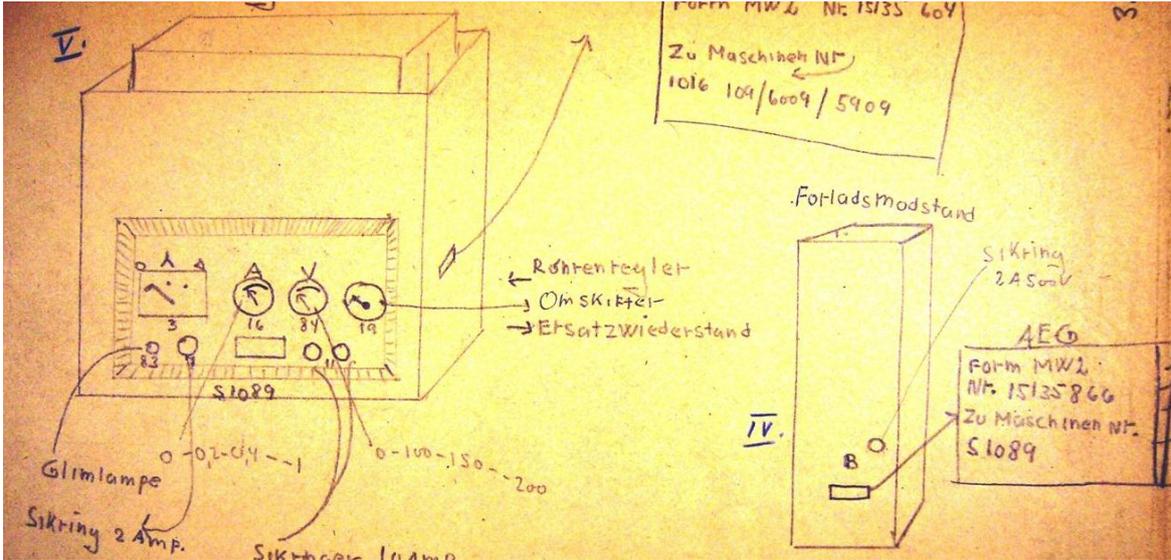
Plan of the V 174 in The Skaw.



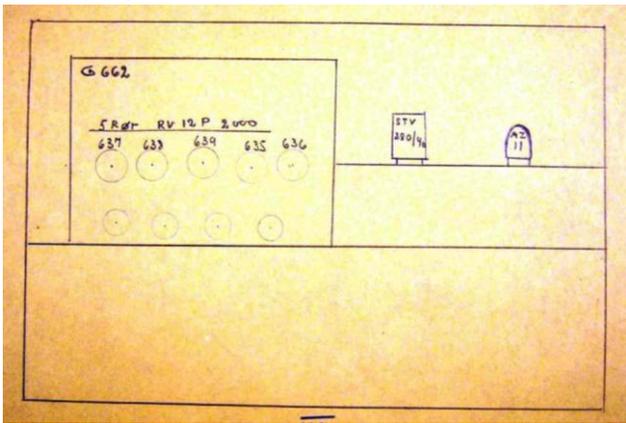
Location of the technical equipment in the ops room. Based on a post war report on the V 174 in Nymindegab. For a description of the boxes please see below.



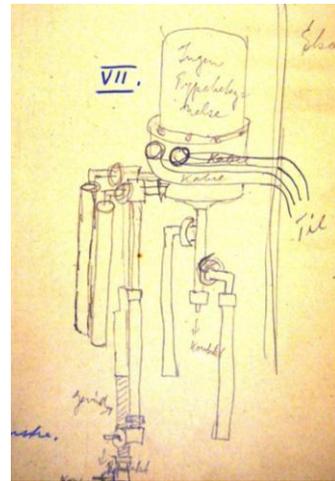
Box I - III



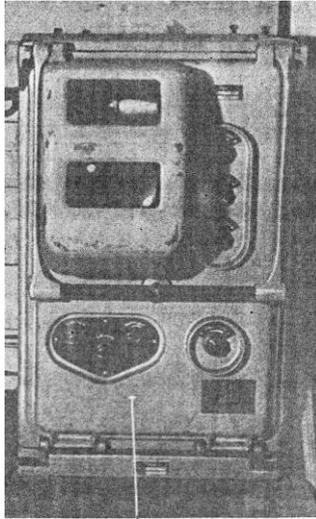
Box IV and V



Box VI



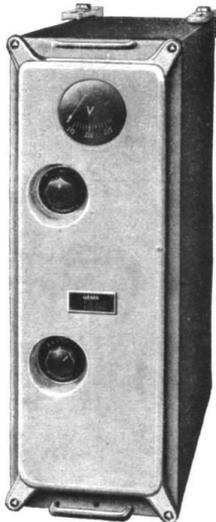
Box VII



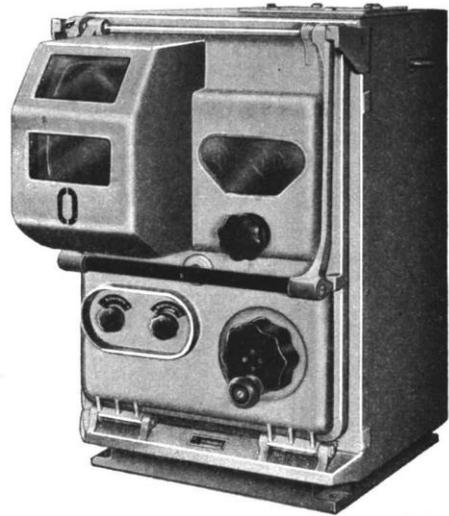
Gerät P



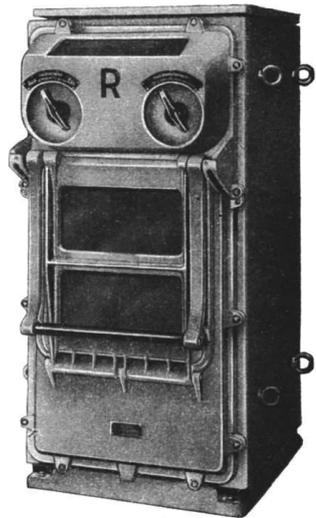
Gerät N



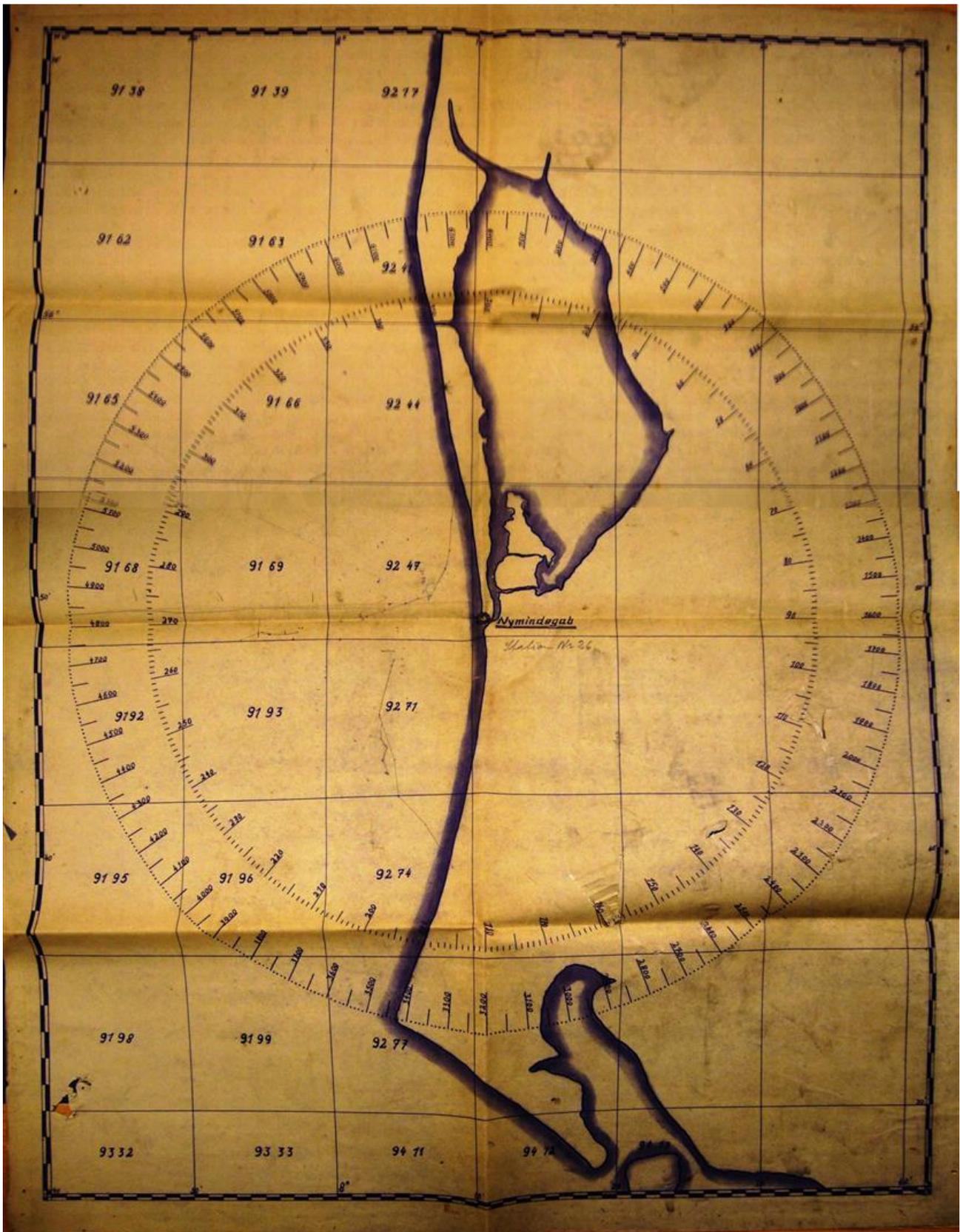
Gerät Z



Gerät O



Gerät R



A chart also found in Nymindogab, evidently used to plot radar tracks. Please note the dual coordinate system (Lat./Long. and the *Marine Quadrat* system) and dual compass directions in Milliradians and degrees. Range rings are missing, but here a ruler no doubt has been used like on the *Luftwaffe Spinne*.