

7x50 H binocular for signalling lamp – by Anna and Terry Vacani

7 x 50 H blc for signalling lamp in our collection, No of production - 315810

The binocular 7 x 50 H is a very rare model. It was produced by Carl Zeiss (blc) during the WW II.

This model is in our collection, it was completely and professionally serviced by Terry Vacani. It is a little difficult and risky to make a proper service of that unusual binocular, often people **without an experiences can only destroyed such rare binocular.**



Pictures of both sides of the binocular from our collection; Copyright pictures Anna Vacani



The objectives; Copyright picture Anna Vacani

The binocular was used on the ships, for aiming at signalling lamps from the other ships. The signal was given by the trigger at the pistol grip. The light source can be observed through

an observation window at the back side of the lamp housing. The light beam is narrowly focused by an optical system.

The pictures of the search lamp are showing the mounting clip, on the top of the lamp, for the binocular fitting. In the lamp's box there are two binocular mounts, for the 7 x 50 H and 8 x 60; deck mount and slim 8 x 60 binocular models.



The signalling lamp; the picture from our collection; Copyright pictures Terry Vacani



The signalling lamp with the slim model blc 8 x 60 fitted on the top; the picture from our collection; Copyright pictures Terry Vacani



Picture from Dr Stephen Rohan collection



The complete box contains; the binocular and signalling lamp.

Picture from Dr. Peter de Laet collection

The binocular 7 x 50 H has got a smaller mounting plate for fitting to the mount.



Copyright picture Anna Vacani

Other connectors; the lighting ports, to the lamp are showing in the pictures:



The lighting ports; Copyright pictures Anna Vacani

The picture below is showing the path of the cables connection to the lighting ports.



The picture from Dr Stephen Rohan collection

The binocular is a special version of the 7x50 H for signalling equipment. It is fitted with Porro II prism system. The optics in the binocular are fully coated.

The reticule's graphic design, in the binocular, is a very simple; it is as one vertical line.



The reticule in the right eye piece tube of the 7 x 50 H, in our binocular; Copyright pictures Anna Vacani

There are two internal filters per side, on the picture is shown the left side of the binocular. The position in 'Scheinwerfer' does mean – searchlight. The position 'Sonne' indicated - sun; 'Ohne Gläser' stand for – without glasses.



Copyright pictures Anna Vacani

The right sight of the binoculars' indicated the same meaning.



The upper horizontal bar joining together both filters sides. Both sides are adjustable by moving longitudinally, in the levers. The adjustment has to be done in following way: the first it has to be settling the required filters, the same on both sides. Next the binocular eye-width has to be adjust and the screw on the top inter coupling bars has to be locked, preventing the filters unsynchronized.



On the left vertical bar is a spring mechanism, which lets to choose the proper position of the filter. This mechanism is fitted only on the left side; the right side is adjusted automatically.

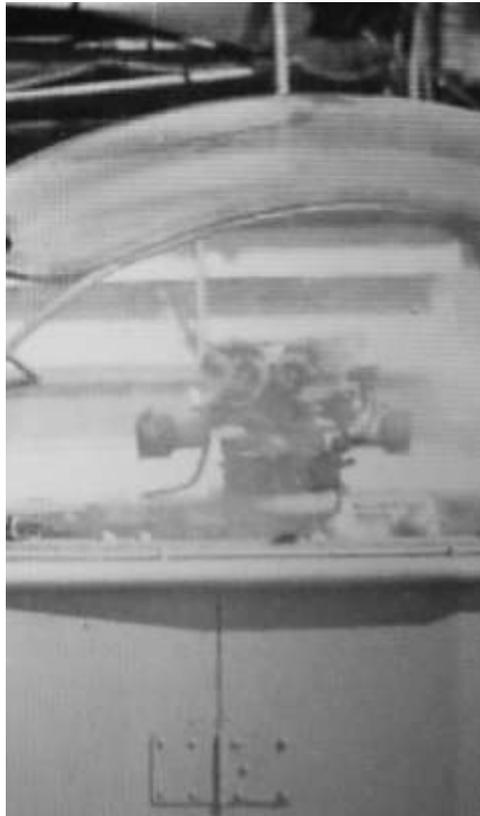


The letter 'M', at the swastika, indicates use in the navy.



7 x 50 H, on a torpedo director - The picture from Dr Stephen Rohan collection

When the binocular and all other connected instrument was not used, it was covered by a special shield. The shield was probably made from Plexiglas.



The letter 'T' - in German Language – Transparenzbelag, on the right side, indicates that the optic is coated.



The rubbers over eye lenses do not show any deformation and deterioration. They are in very good condition.

The binocular 7 x 50 H is covered with a special kind of paint. It is easy to destroy. It does not combine with any other kind of the paint.

Our binocular is in exceptional good condition.

Unfortunately, the binocular does not have detachable rain shields, which should be fixed on the objective tube.

Another model of a binocular 7 x 50, used on the torpedo- boat, is a model RZA 5 (Rohrzielapparat).

Dr. Peter de Laet, binoculars collector, is an enthusiast of that model.