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Subject: Aw: Tek 555 "Triple Nickel"

Posted by [wellenkino](#) on Sun, 27 Jan 2013 19:25:59 GMT

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Jetzt mal etwas geschichtliches über den Triple Nickel.

Ich zitiere hier einen Freund aus den USA.

Clear Ether: Once upon a time in Germany and elsewhere this very scope model was used to analyze Radars belonging to "You Know Who". They would bolt up a Polaroid Camera, open the aperture and trigger one sweep, then close the aperture, and develop the picture.

--Alternately they would bolt up a high speed 35 millimeter camera, hit the button and brrzip it would expose an entire small reel of film in just a few seconds. Then they would develop the film and using an architects ruler they would find the pulse width (PW) and pulse repetition frequency (PRF), and (in those days) the regular shifts in the PRF. Land based radars would regularly shift PRF to prevent "spoofing". In those days you could stand far off, and send cleverly timed pulses to air defence radars "spoofing" them into thinking you were coming right down their pipes. Sometimes this would cause the air defence fighters to scramble, and you could then get a look at the airborne search and fire control radars.

--Spoofing came into use soon after WWII. When you see those old UFO reports from the fifties about the American or British Air Force fighters chasing mysterious blips that only the ground radar could see, in most cases that was spoofing. It was highly classified at the time, so LGM (little green men) or BEG (bug eyes monsters) was as good a cover as any.

--So take good care of that scope, it may well be a veteran of the Cold War.

Was sagt uns das ? Der alte 555 war beim Militär zugelassen in der höchsten Sicherheitsstufe, und das was er rausfand entschied darüber ob die Bomber starten oder ob es sich um einen Störsender handelt der das System stört. Er hat sich Gott sei Dank nie geirrt.

Sein Aufbau ist für kritische Umgebungen geeignet, so hat er einen extrem großen Arbeitstemperaturbereich und stabilisiert nicht nur seine Anodenspannungen sondern auch alle Heizungen, letztere mithilfe eines röhrengesteuerten Transduktors. 555 vertragen auch Strom aus Generatoren. Das Gerät benötigt zum arbeiten ziemlich genau 1kW.

nette Grüße

Martin

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