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Radar Cross Section of RadarFlex reflector with 2 x 4 cornerreflectors

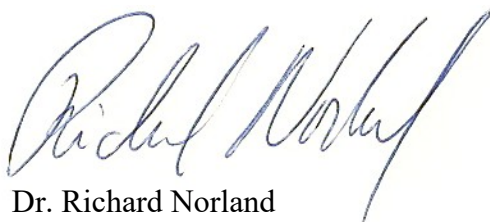
The company ISPAS AS, www.ispas.no, has conducted radar cross section (RCS) measurements of the RadarFlex reflector with 2 x 4 cornerreflectors. The results are described in a separate report dated 21 November 2017.

The measurements show that on average the RCS of the pentagon is 4 sqm at S-band and 12 sqm at X-band over an aspect angle of 360 degrees.

According to SOLAS Ch. V, annex 15: "Radar cross sections of at least 7.5 m² RCS in the X-band frequency and 0.5 m² RCS in the S-band.... This performance level must be maintained over at least 280° of azimuth and not fall below this level (a "null") over any angle of more than 10°."

Consequently the RadarFlex reflector fulfils the SOLAS requirement for radar reflector at S-band and X-band.

Regards



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Responsible for RCS measurements
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