



Cataloguing radio emission associated with coronal mass ejections: results from the HELCATS project

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The goal of the Heliospheric Cataloguing, Analysis and Techniques Service (HELCATS) is to add value to the STEREO dataset by cataloguing the properties of coronal mass ejections and corotating interaction regions observed by STEREO. As part of this work, the complementary nature of radio measurements and white light observations has been assessed. Here we report on the cataloguing of slowly-drifting radio emission observed by STEREO WAVES in conjunction with events identified in the HELCATS manually-generated coronal mass ejection catalogue. We present preliminary statistical results derived from the catalogue, in particular the extent to which radio emission is more likely to occur in conjunction with fast coronal mass ejections. We further use the catalogue to make an initial assessment of the angular deviation between radio emission and coronal mass ejection motion, in order to determine which part of the coronal mass ejection contributes most to the radio emission. HELCATS is project 606692 of the European Union's Seventh Framework Programme.