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VLBI Monitoring Observation of the Semiregular Variable R Crateris

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We have observed and imaged de Water Vapor Masers of the semi-regular variable star R Crateris with the Japan VLBI Network (J-Net) at 1.3 cm wavelength. As the first results we could detect shifts on the VLSR of each maser spot and also with a high accuracy of the the J-Net system we could detect the Proper Motion of the water vapor masers spots. The data obtained will be useful to know the physical conditions of the shell surrounding the stars like R Crateris and also to research the maser radiation mechanism.