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Total number of authors: 18

Publication date: 2013

Document Version
Publisher's PDF, also known as Version of record

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Citation (APA):
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on 25 Feb 2013; 14:28 UT

Subjects: X-ray, Binary, Neutron Star, Transient, Variables

Referred to by ATel #: 4848, 5041

The transient X-ray burster KS 1741-293 (e.g., ATel #1531, #2465, #3632, #3646) has become active again. During observations as part of the INTEGRAL Galactic bulge monitoring program (see ATel #4383) on (UT) 22 February 2013 15:22-19:04 and 24 February 07:04-10:45, the source brightened from 16+/-2 to 22+/-2 mCrab and 13+/-2 to 17+/-2 mCrab in the IBIS/ISGRI 18-40 and 40-100 keV bands, respectively. On 12 February it was seen in the 18-40 keV band with a flux of 8.6+/-2 mCrab, but with a low significance of 3.9, while it was undetected in the 40-100 keV bands (upper limit of ~10 mCrab; 6 sigma).

On 22 Feb the source was detected by JEM-X at 10+/-2 (3-10 keV) and 14+/-4 mCrab (10-25 keV), while it was not detected on 12 Feb (3 sigma upper limits of ~3 and ~8 mCrab, respectively). For the observation on 24 February we can only infer upper limits of ~15 and ~20 mCrab (3-10 keV and 10-25 keV , respectively, 3 sigma).

During the two observations on 22 and 24 February JEM-X observed one Type I X-ray burst. It started near UT 22 February 18:36:12, had a peak rate of about 0.3 Crab (3-25 keV), and an exponential decay time scale of about 8 sec.

The hardness of the source in this active state is similar to that seen during INTEGRAL Galactic bulge monitoring program observations performed in September 2011 (ATel #3646), but different to that seen in similar observations performed in March 2010 (ATel #2465). We encourage follow-up observations of this source at all wavelengths.

INTEGRAL Galactic bulge monitoring program