

The discovery of KiloHertz QPOs in the Low Luminosity Burster Terzan 2 during the recently observed X-ray Flares.

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We have studied the rapid X-ray time variability in 99 pointed observations with the Rossi X-ray timing Explorer Proportional Counter Array of the Low Luminosity Burster 1E 1724-3045, which is located in the Globular Cluster Terzan 2. We report the discovery of KiloHertz QPOs during the recently observed X-ray Flares. We show that during the flares, the 1E 1724-3045 shows power spectral characteristics similar to those of other neutron stars X-ray bursters(Atoll sources). Furthermore, in each of this flare, the source apparently also goes through different Atoll-source States. We have studied the light curve of the source, and we found that these flares seem to have a quasi-periodic 90 days modulation. We compare the light-curve/spectral states correlations with those of other ‘‘similar’’ sources such as 4U 1636-53 and KS 1731-260.