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Chandra position of IGR J17454-2919 and discovery of a possible NIR counterpart

Paizis, A.; Nowak, M.; Chati, S.; Chenevez, Jérôme; Del Santo, M.; Rodriguez, R.; Segreto, A.; Wilms, J.

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ATel #7020; [A. Paizis](#), [M. Nowak](#), [S. Chaty](#), [J. Chenevez](#), [M. Del Santo](#), [J. Rodriguez](#), [A. Segreto](#), [J. Wilms](#)

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Credential Certification: [Adamantia Paizis \(ada@iasf-milano.inaf.it\)](mailto:ada@iasf-milano.inaf.it)

Subjects: Radio, Infra-Red, Optical, X-ray, Binary, Black Hole, Nova, Neutron Star, Transient

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On 2014 November 3, we observed the recently discovered INTEGRAL source IGR J17454-2919 (ATels #6530, #6574 and #6602) with Chandra HETGS for 20ks.

The J2000.0 Chandra position we obtain is

RA: 17 45 27.689

DEC: -29 19 53.83

(90% uncertainty of 0.6")

This position (2.4" away from the Swift position, ATel #6530), is consistent with the source 2MASS J17452768-2919534 (J=16.227, H=13.038±0.06, Ks=11.365±0.024). This candidate counterpart is also consistent with the Swift error circle of ATel #6530.

We encourage follow-up multi-wavelength observations.

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jerome@dsri.dk

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rrutledge@astronomerstelegam.org

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dfox@astronomerstelegam.org

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mansi@astronomerstelegam.org