



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

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

Published in:

The Astronomer's telegram

Publication date:

2015

Document Version

Publisher's PDF, also known as Version of record

[Link back to DTU Orbit](#)

Citation (APA):

Paizis, A., Nowak, M., Chati, S., Chenevez, J., Del Santo, M., Rodriguez, R., ... Wilms, J. (2015). Chandra position of IGR J17454-2919 and discovery of a possible NIR counterpart. The Astronomer's telegram, (ATel #7020), 1. [ATel #7020].

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

[\[Previous](#) | [Next](#) | [ADS](#)]

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

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

on 3 Feb 2015; 09:22 UT

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

[Tweet](#) [Recommend](#) 1

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.

Related

- 7096 [INTEGRAL detection of the on-going outbursts from 1RXS J180408.9-342058 and GRO J1750-27](#)
- 7039 [Swift observations of 1RXS J180408.9-342058](#)
- 7028 [Continuing outburst of Galactic transient IGR J17451-3022](#)
- 7020 [Chandra position of IGR J17454-2919 and discovery of a possible NIR counterpart](#)
- 7008 [MAXI/GSC observation of 1RXS J180408.9-342058 in outburst](#)
- 6997 [Swift/BAT detects an outburst from the neutron star binary 1RXS J180408.9-342058](#)
- 6839 [New Outburst of the Be/X-ray Transient GRO J1750-27 Detected with Fermi/GBM](#)
- 6602 [INTEGRAL/JEM-X sees enhanced activity in the Galactic center region: SAX J1747.0-2853 and IGR J17454-2919](#)
- 6574 [Hard X-ray spectral and timing properties of IGR J17454-2919 consistent with a black hole in the hard state](#)
- 6530 [IGR J17454-2919: a new X-ray transient found by INTEGRAL/JEM-X close to the Galactic Center](#)
- 6451 [A new X-ray transient, IGR J17451-3022, discovered by INTEGRAL/JEM-X near the Galactic Centre](#)
- 5041 [MAXI/GSC detection of an X-ray outburst probably from SAX J1747.0-2853 and Swift followup observation of the Galactic center region](#)
- 4622 [MAXI/GSC detection of a possible superburst from SLX 1735-269](#)
- 3930 [INTEGRAL Bulge monitoring program detects several active transients with JEM-X](#)
- 3842 [MAXI/GSC detects a quasi-regular outburst and a possible soft state transition in H 1743-322](#)
- 3263 [IGR J17464-3213 \(= H1743-322\) is active again](#)
- 3217 [SAX J1747.0-2853: 'normal' thermonuclear bursts resumed](#)
- 3183 [First superburst observed by INTEGRAL, from SAX J1747.0-2853](#)
- 3172 [INTEGRAL sees continuing activity from SAX J1747.0-2853, but not from SAX J1750.8-2900](#)
- 3123 [MAXI/GSC detects an X-ray outburst from the Galactic center region, GRO J1744-28/MAXI J1745-288](#)
- 1400 [Further observations of GRO J1750-27 \(AX J1749.1-2639\) with INTEGRAL](#)

jerome@dsri.dk

Logout

[[Telegram Index](#)]

R. E. Rutledge, Editor-in-Chief

`rrutledge@astronomerstelegam.org`

Derek Fox, Editor

`dfox@astronomerstelegam.org`

Mansi M. Kasliwal, Co-Editor

`mansi@astronomerstelegam.org`