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TO WHOM IT MAY CONCERN:

The University of Western Australia expresses interest in joining the International Asteroid Warning Network (IAWN). The University operates the Zadko Observatory, and our main observing tool is the Zadko Telescope (observatory code D20) located within the Wallingup Plain in the Gingin shire, Western Australia.

Capability Statement
The Zadko Telescope is a 1.0-metre f/4 robotic telescope optimized for rapid response surveillance of the southern sky. The Zadko Telescope is actively used for the study of exotic transients and is triggered by space satellites. It plays a niche role in space surveillance, as it is located at a longitude not covered by many other metre class facilities and provides an important resource for time-critical projects. It has been engaged by the European Space Agency since 2019 to track potentially hazardous metre-class space objects.

The Zadko Telescope can perform astrometry and photometry (m < 20) with the possibility of low-resolution spectroscopy within the next year

Key Personnel
- Associate Professor David Coward (UWA)
- Mr John Moore (UWA)
- Dr John Kennewell (Adjunct Professor at UWA)
- Mr Arie Verveer (astronomer)
- Dr Fiona Panther (astronomer)
- Dr Bruce Gendre (astronomer and systems manager)

The University understands the roles and responsibilities according to the Statement of Intent.

Yours sincerely,

D Coward

Associate Prof. David Coward
Chief Investigator: ARC Centre of Excellence for Gravitational Wave Discovery (OzGrav)
Director: Zadko Telescope
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zadko telesope