



I would like to begin by acknowledging the Traditional Owners of the lands that we host our facilities on across Australia, and pay my respect to their Elders past and present.

Australia's Indigenous people are our first astronomers and have long standing knowledge of the Universe that we continue to build on today.





# What's in a name?

A new dual name for our radio observatory in Western Australia





# Wajarri Yamaji

Traditional Owners and native title holders of our radio observatory on Wajarri Country in Western Australia

New 50-year Indigenous Land Use Agreement (ILUA) with the Wajarri Yamaji

- Finalised last week!
- Expands observatory
- Allows for SKA-Low construction
- Provides intergenerational benefits to Wajarri People, financial and non-financial





# ASKAP antenna | Wajarri names

Our ASKAP radio telescope has 36 antennas and each one has its own Wajarri name

- |  |   |  |
|--|---|--|
| 1 <b>Biyarli</b>   galah                       | 13 <b>Jabi</b>   lizard                             | 25 <b>Magumarra</b>   Wajarri Elder        |
| 2 <b>Birliya</b>   tree with edible gum, bardi | 14 <b>Gagu</b>   crow                               | 26 <b>Yamaji nyarlu</b>   woman            |
| 3 <b>Bundara</b>   star                        | 15 <b>Birri-birri</b>   butterfly                   | 27 <b>Yamaljinggu</b>   Wajarri Elder      |
| 4 <b>Bimba</b>   edible gum                    | 16 <b>Jindi-jindi</b>   willy wag tail              | 28 <b>Yagu</b>   mother                    |
| 5 <b>Gagurla</b>   bush pear                   | 17 <b>Marlu</b>   kangaroo                          | 29 <b>Diggiedumble</b>   table top         |
| 6 <b>Wilara</b>   moon                         | 18 <b>Ilgarijirri</b>   things belonging to the sky | 30 <b>Nyarluwarri</b>   seven sisters      |
| 7 <b>Irra barndi</b>   good talk               | 19 <b>Biji-biji</b>   caterpillar                   | 31 <b>Mungal</b>   morning                 |
| 8 <b>Jirdilungu</b>   milky way                | 20 <b>Wana</b>   women's hitting stick              | 32 <b>Woodrudda</b>   hill in Yallalong    |
| 9 <b>Balayi</b>   look out                     | 21 <b>Minda</b>   shade                             | 33 <b>Budara</b>   hill on Wooleen Station |
| 10 <b>Bardi</b>   witchetty grub               | 22 <b>Nyingari</b>   zebra finch bird               | 34 <b>Jinawirri</b>   Wajarri Elder        |
| 11 <b>Manggawarla</b>   hat                    | 23 <b>Nyambi</b>   traditional dance                | 35 <b>Ngubanu</b>   dingo                  |
| 12 <b>Yalibirri</b>   emu                      | 24 <b>Janimaarnu</b>   Chinese                      | 36 <b>Birli</b>   lightning                |





# Murchison Widefield Array

Curtin University-led

Gurlgamarnu

“the ear that listens to the sky”

Pia Wadjarri RCS students and Curtin University  
*Gurlgamarnu (MWA)*  
2022, detail







Margaret Whitehurst  
*Rapid ASKAP Continuum Survey (RACS)*  
2019, detail

# Inyarrimanha Ilgari Bundara, the CSIRO Murchison Radio-astronomy Observatory



## Inyarrimanha Ilgari Bundara

Inyarri-manha  
Share-ing

Ilgari  
Sky

Bundara  
Star

Inyarrimanha ilgari bundara: sharing sky and stars

# Usage

## **Formal use:**

Inyarrimanha Ilgari Bundara, the CSIRO Murchison Radio-astronomy Observatory

## **Informal use:**

Inyarrimanha Ilgari Bundara, CSIRO's Murchison Radio-astronomy Observatory

## **Signage and graphic usage:**

Inyarrimanha Ilgari Bundara  
CSIRO Murchison Radio-astronomy Observatory

***The observatory is no longer known as the MRO.***

*Appropriate shortened form of our new dual name is in discussion with Wajarri, interim option is to use 'observatory site', 'site', 'observatory' following introduction of the name.*





# Publication acknowledgements

- Publication acknowledgements for Murchison-based telescopes will need to be updated due to new language from the 2022 Indigenous Land Use Agreement (ILUA), including the new dual name.
- Will remain very similar to current acknowledgement texts with the addition of about 7-8 words.
- ILUA required text:
- *“This scientific work uses data obtained from Inyarrimanha Ilgari Bundara / the Murchison Radio-astronomy Observatory. We acknowledge the Wajarri Yamaji People as the Traditional Owners and native title holders of the Observatory site.”*



# More information coming soon!

Watch [research.csiro.au/mro](https://research.csiro.au/mro) for factsheets and more information on our new name