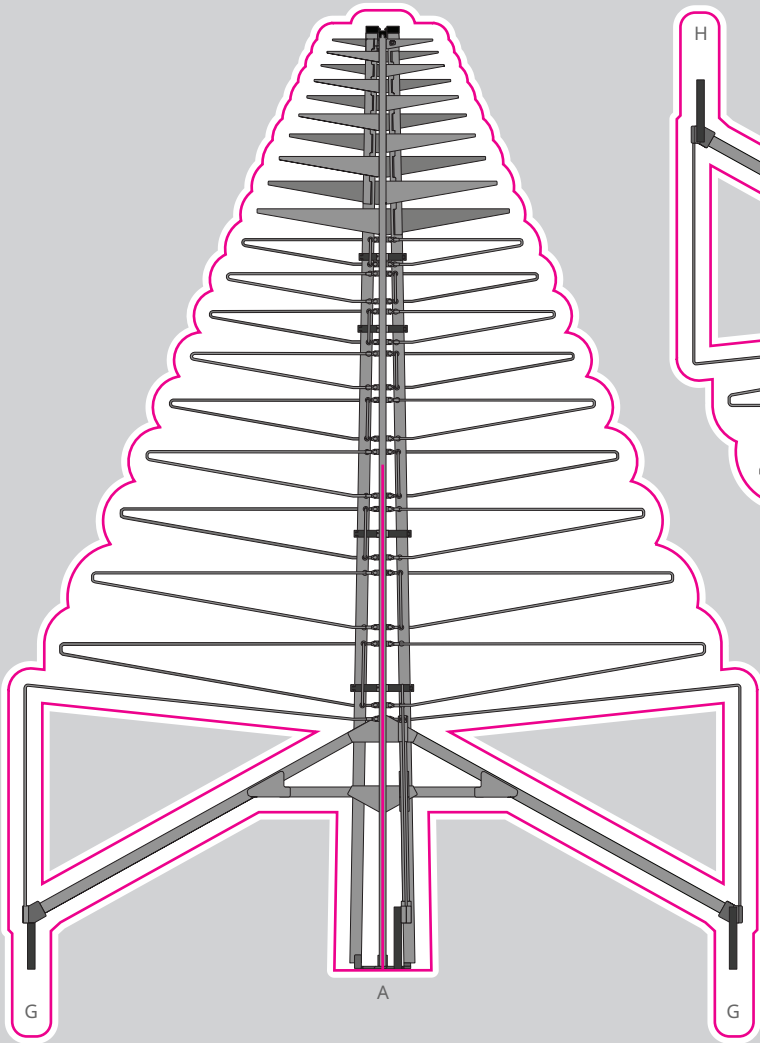


SKA-Low telescope antenna model



SKAO

The more antennas the better the picture, so SKA-Low's 131,072 will see more of space than ever before!

SKA-Low stations of 256 antennas are dotted in a spiral pattern that helps astronomers get the best picture possible of the radio sky.

Standing 2 metres tall, these antennas collect radio waves from distant space and combine into one giant telescope, SKA-Low.

SKAO

SKA-Low Antenna Model

SKA-Low will be huge! It stretches 74km end-to-end, making it the biggest of its kind in the world.

SKA-Low Antenna Model

These 2m-tall antennas will be installed in stations of 256 antennas.

SKA-Low is being built by the SKA Observatory (SKAO) and has 131,072 antennas with a central core and three spiral arms.

Inyarrimanha Ilgari Bundara, the CSIRO Murchison Radio-astronomy Observatory

Geraldton

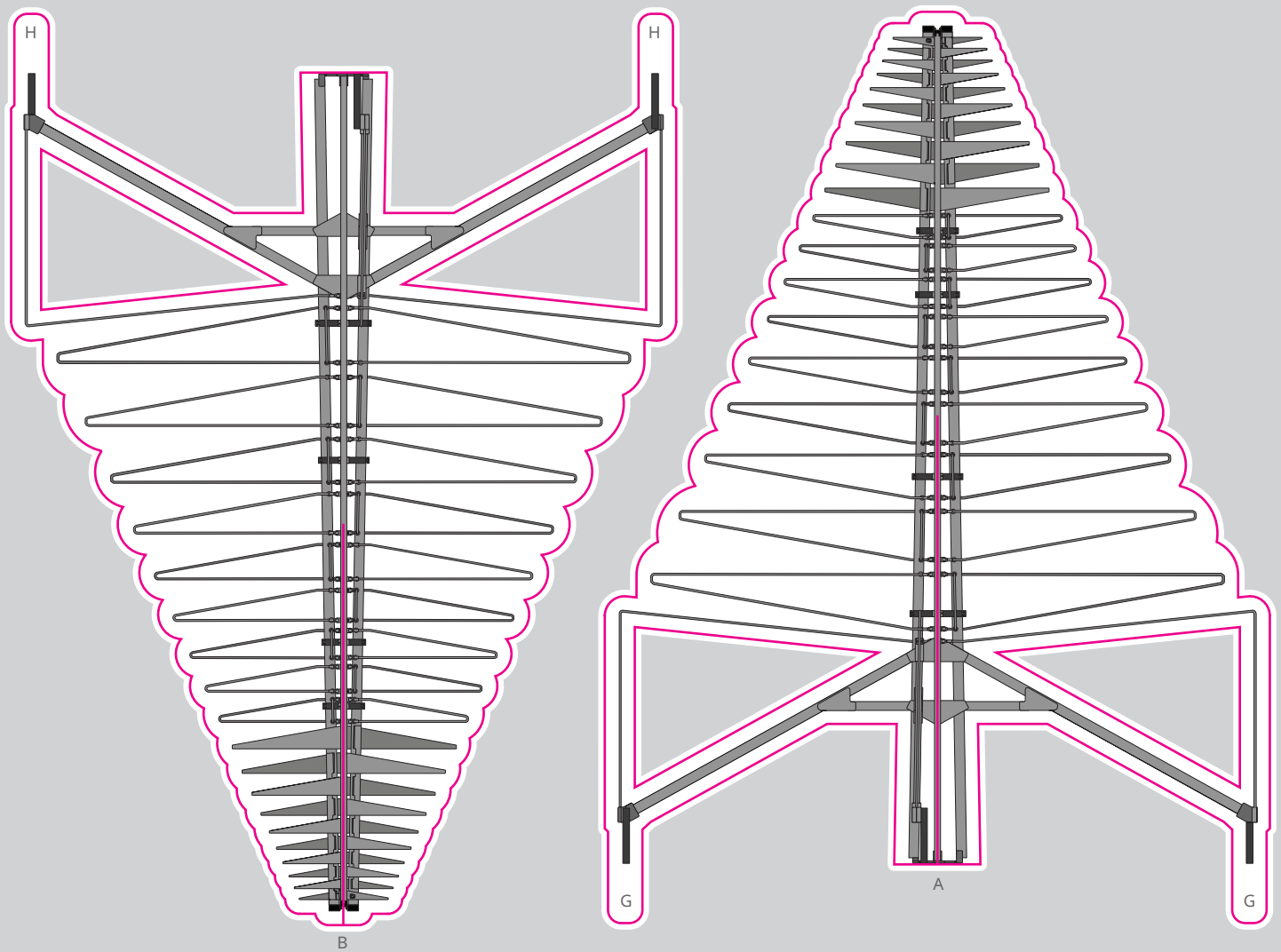
Perth

We acknowledge the Wajarri Yamaji as Traditional Owners and Native Title Holders of Inyarrimanha Ilgari Bundara, the CSIRO Murchison Radio-astronomy Observatory where the SKA-Low telescope is under construction.

Based on a concept by SKA Japan
Credit K. Kawakami & H. Nakanishi (Kagoshima University)



SKA-Low telescope antenna model



Instructions:

1. From the card, pop out both antenna pieces and the base.
2. Build antenna by inserting the cut labelled B into the cut labelled A.
3. Build base by folding along the scored lines and insert labelled tabs into corresponding slots.
4. Insert labelled antenna feet into corresponding slots on the top of the base.
5. Congratulations, you've built one SKA-Low antenna!

Only 131,071 to go before you have an entire SKA-Low telescope.

