Canberra Deep Space Communication Complex

antennas

The Canberra Deep Space Communication Complex (CDSCC) has four large communication antennas.

These antennas, sometimes called "dishes", make it possible for us to communicate with spacecraft that can be millions or even billion of kilometres away from the Earth.

Nearly everything we discover about space comes through antennas like these. What can you discover?

Try answering these questions...

1. Each antenna is called a 'Deep Space Station' (DSS), and has a number.

   What are the numbers of the four large antennas at Tidbinbilla?

   .....

2. Can you answer these questions about the largest antenna?

   How wide is the antenna dish? .....

   How tall is the antenna? .....

   How much does the antenna dish weigh? .....

   Name one spacecraft it is tracking today? .....

   How far away is that spacecraft from Earth? .....

3. Can you answer these questions about the 26-metre antenna?

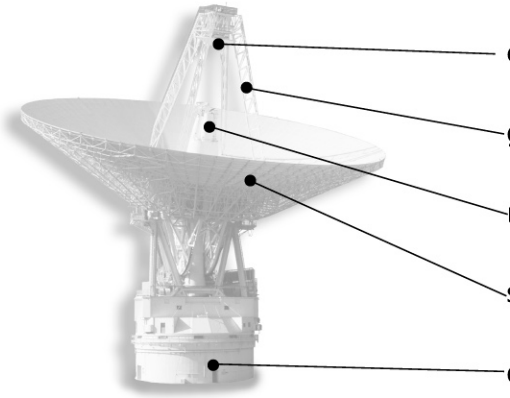
   This antenna got the first pictures from which 1969 mission? .....

   Where was this antenna orignally located? .....

   Name one spacecraft it is tracking today? .....

   What is that spacecraft studying? .....

4. Can you name the different parts of an antenna? *(There's some jumbled word clues to help)*



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