NEW RADIO TELESCOPE

DEEP SPACE AIM

THE only radio-telescope of its type in Australia, which will be able to receive deep space signals over a wide band of the radio spectrum, will be built at Bothwell by the University of Tasmania.

The £37,000 research instrument will be a Mills Cross—named after the New South Wales inventor of this type of radio-telescope — with four arms each a mile long.

It is expected to be completed in about two years.

The radio - telescope will be one of the biggest in Australia, and will be able to pick up long radio waves from 3,000,000 to 20 million cycles a second.

Other radio-telescopes of this type in Australia confine their capacities to one wave length.

The telescope will be able to receive several different wave lengths at the one time, speeding up the collection of data.

The University of Tasmania already has a big radio-telescope at Bothwell and another at Penna, near Sorell, as well as several smaller ones at Llanherne.