



The TV mobile unit van which will be sent overseas to Caracas very soon. On the next page you can see inside. In the foreground is the producer's control desk. The sound mixer is on his left and the mains voltage regulator unit on his right. Beyond are the camera control and the vision mixer units

Now the Mobile Unit

THE LATEST MOBILE Television Outside Broadcast Unit to be made in the New Street Works is for Caracas in Venezuela. It is built on a Commer chassis, the coachwork has been made by Marshall Motor Bodies Ltd. to our designs and the exterior looks very smart in dark blue and silver grey, with the tropical sunshield above the windscreen.

Whereas the Canadian vans needed double-glazed windows to keep out the cold, this vehicle has treble drop windows consisting of an outside glass panel, a mosquito net, and an inside blackout shutter to cope with a wide variety of conditions!

Inside there is far more space than you expect, room for the Producer, Vision and Sound Mixers, Camera

Control Operators and assistants that make up the crew. A colourful paint scheme helps to prevent a feeling of being shut up inside, but once the lights are out and pictures on the monitor screens, all eyes are focused on the television pictures coming in from the cameras. This vehicle is equipped for two cameras with room for a third.

Microwave links are provided to send both vision and sound programmes back to the main studio centre, and a dipole aerial (horizontal and unfamiliar to our eyes) feeds an English Electric 16 inch receiver to show pictures being broadcast from our 5 kW transmitter in Caracas.

Like its predecessors, the installation was designed by Phil Berkeley with the help of Mike Bentley, John Savage and Frank Craymer of the Drawing Office.



Frank Leach and Peter Box made sure all the parts came together at the right time for Reg Fisher and Harry Smith to put it all together. After inspection by Cecil Dudley, "Perce" Pursey and Nat Hughes from Test descended on the vehicle to make sure that the pictures were all according to plan and that the knobs did what the engraving said they should do!

P.R.B.

When the van came over from Building 720 to the main Works, the TV Test people got to work on her and there were all the final adjustments to be made. Testing (l.) were "Purse" Pursey and Frank Grierson, while Reg Fisher of Section 17 worked on one of the cameras. The designer's part isn't finished until the van rolls out of the yard on her way to the docks, and here is Phil Berkeley discussing the vision mixer with John Savage of the Drawing Office and Peter Box of Planning

