

j. The Site Survey Report and a copy of the 'Landlord's Information Pack' should be supplied to the building landlord, for information.

3. SATELLITE RECEIVING DISH

- a. The satellite dish used in the UK for SDS 4 is the Precision Antennas 90 cm receive only (RO) dish, type number E0911SEA/XX fitted with WR75 output adapter type number ADP11SP, including a circular to rectangular transition.
- b. The satellite dish is a circular, 90 cm diameter, axi-symmetric Primary Focus design providing excellent electrical response and mechanical stability.
- c. The primary focus feed is supported in position by three equi-spaced 'supports'. The lengths of the tripod arms and their position in relation to the reflector are accurately set using jigs ensuring accuracy and repeatability of assembly during final installation.
- d. The reflector has a specially strengthened peripheral rim tube section providing directional stability at the operational wind speed.
- e. The reflector components (dish, hub and associated tripod support arms) are manufactured in aluminium to BS 1470).
- f. The reflector will be finished in a variety of colours, to blend with the intended location. The most common colour is light grey.
- g. The dish reflector is illustrated in the following diagram. Wind load calculations for a worst case survival wind speed of 125 mph (200 km/hr) are shown on the diagram.

