Malargue Campus Tower Specification (Retrospective)
PDJ Clark - July 2005

Historical Note
The 50 meter communications tower located at the Campus Building of the Southern Pierre Auger Observatory was constructed during late 2000 to early 2001.

As no surface detector base-station antennas were required at the campus tower, the technical requirements for this tower were much less stringent than for the other 4 towers in the Observatory. Consequently, no formal specification document was ever issued for the Campus tower.

Campus Tower - 2004

Basic Requirements

Height - At least 45m (a 50m tower was eventually installed due to the availability of a ready-made tower at a discounted price).

Location - Tower to be placed within Auger Observatory Malargue Campus perimeter to suit layout of other buildings.

Orientation - One side of the tower to face due East.

Antenna Mounts - Three 90mm diameter mounting tubes to be provided on each of the East and North West faces of the tower at a height of 49 meters, each capable of supporting 1.2m diameter parabolic antennas.