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COVER

The reflector of this radio-radartele-
scope, located in the hilly terrain
south of Arecibo, Puerto Rico, is 1000 feet in diameter and is sus-
pended in a natural bowl. The tri-
angular structure, held by cables from concrete towers, supports and posi-
tions the antenna feed that illumi-
nates the reflector and steers the beam through a 40-degree cone cen-
tered overhead. See page 26.