

# N.R.A.O. Radio Telescope

## Green Bank, West Virginia

### *Understanding the needs of complex structures*

owner.... National Radio  
.....Astronomy Observatory  
client.... Radiation Systems Inc.

*The Robert C. Byrd Green Bank Telescope (GBT) is the most technically advanced single-dish radio telescope in the world. Its 340 ft dish and structure, weighing 8,500 tons, is also one of the world's largest moving structures on land*

*SOMERSET engineered a 500t capacity S-70 stiffleg derrick on a 200 ft tower to assemble the telescope*

*SOMERSET also provided lift layouts and produced rigging and spreader beam designs*

