

SENAMHI HYDRO-MET SYSTEM PERU



7/07/2006



AUTOMATIC METEOROLOGICAL/ HYDROLOGICAL MONITORING SYSTEM ALONG THE COASTAL PLAINS, IN THE ANDES MOUNTAINS & IN THE JUNGLES OF PERU AT THE HEADWATERS OF THE AMAZON RIVER

SENAMHI, the National Weather Service of Peru, in conjunction with IMARPE, Hidronav, awarded Sutron contracts totaling \$1,603,581 to provide Peru with its first complete automatic meteorological and hydrological monitoring system.

Sutron supplied all equipment and software for 65 remote stations as well as implementing complete installation and comprehensive training and support. Sutron was awarded the contract under a competitive International Tender funded by the World Bank.

System components for the Peru contract included 38 Automatic Meteorological Stations (GOES satellite communications), 17 Automatic

Hydro-Meteorological Stations (GOES enabled), and 10 Ocean Meteorological Stations. Also included were system "spares" and testing and calibration equipment. Sutron's stations were installed along the coastal plains, in the Andes Mountains and in the jungles of Peru at the headwaters of the Amazon River.

Sutron's Digital Direct Readout Ground Station (DDRGS)

OWNER: SENAMHI, the National Weather Service of Peru
Servicio Nacional de Meteorología e Hidrología

PROJECT: Automatic meteorological and hydrological monitoring system along the coastal plains, in the Andes Mountains and in the jungles of Peru at the headwaters of the Amazon River

EQUIPMENT: 65 Remote Stations - 38 Automatic Weather Stations, 17 Automatic Hydro-Meteorological Stations (GOES enabled), and 10 Ocean Meteorological Stations; Digital Direct Readout Ground Station

COMPLETED: 2001

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was installed at SENAMHI's Lima headquarters to receive data transmitted by the 65 monitoring systems.

Although the project had a very aggressive schedule of only 10 months from award of the contract to finish, the Integrated Systems Team successfully delivered the complete project within the designated time frame.

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