

General overview and future plans of all-sky imagers developed in the NICT Alaska project

Minoru Kubota[1]; Mamoru Ishii[1]; Yasuhiro Murayama[1]

[1] NICT

<http://salmon.nict.go.jp/>

As part of an international cooperative research project between Communications Research Laboratory and Geophysical Institute of University of Alaska, we developed three all-sky imagers (NICT-ASI). We had conducted pilot observations in Japan, and developed some new observation techniques for atmospheric waves. We installed the NICT-ASI at Poker Flat (magnetic lat. 65.6N), Alaska, and made aurora/airglow observations from October 2000 to April 2007. Observation data were made available to researchers through the SALMON system (http://salmon.nict.go.jp/index_e.html). We summarize the scientific results of the NICT-ASI observation. We also discuss the future plan of operations using these instruments.