

18. Instruments of Opportunity

The GOES-NOP spacecraft were designed with provisions to accommodate up to two additional observational instruments, which are referred to as instruments of opportunity (IOO). The provisions include space on the nadir facing Imager/Sounder mounting plate, structural support capabilities, a defined clear field of view, power capacity, mass allocation, thermal radiator area, telemetry and command channels, and data downlink bandwidth over the multi-use data link (MDL). In addition, the IOOs benefit from the inherent attitude control and knowledge capabilities and contamination control attributes in common with the other instruments.

These IOO accommodations are unused.

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