



National Oceanic and Atmospheric Administration (NOAA)

DIRECT READOUT FUTURE PLANS

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Direct Readout Future Plans



- METOP Constellation
 - Automatic Picture Transmission (APT): Service is replaced with Low Rate Picture Transmission (LRPT), requires new field terminal
 - High Rate Picture Transmission (HRPT): New format requires upgrades to existing HRPT field terminal or purchase new station



Direct Readout Future Plans



- NOAA's POES Constellation
 - NOAA-N/N' Spacecraft
 - Automated Picture Transmission (APT) – Frequency change in the 137.1 – 137.937 MHz frequency band



Direct Readout Future Plans



- NOAA's NPOESS Constellation
 - Automatic Picture Transmission (APT) service is not available
 - High Rate Picture Transmission (HRPT) is replaced with the Low Rate Data (LRD) broadcast, requires new L-band field terminal
 - High data Rate (HRD) service requires a new X-band field terminal



Direct Readout Future Plans



- NOAA's GOES Constellation

- GOES VARIable (GVAR) broadcast will be replaced with GOES ReBroadcast – Lite (GRB-lite) service, requires new field terminal
- GOES ReBroadcast (GRB) will require a new X-band field terminal if the service is available