

LANDSAT DIGITAL DEFECTS CODING SYSTEM USED BY EDC

A defect coding system is used during the assessment of N-1 imagery (processed on the laser beam recorder) by Quality Assurance Inspectors. Each frame is assigned an image quality based on the number and severity of defects observed. The defects in each frame are annotated on an assessment sheet and are tabulated weekly to provide management information regarding the reasons for downgrading imagery.

1- Pixel Noise
2- Byte Errors
3- Bit Slip
4- Striping

7- Data Substitution
8- Line Start Anomaly (data shift)
9- Gain Change
0- Disc Pack Sync Loss

16A- Wavy Pattern
16B- Tire Tracks
16E- Data Discontinuity
16F- Incorrect Line Start Fix Placement
16G- Fading in Fix and Image Area
16H- Incomplete Fix
16J- Jagged Edge
16M- Partial Bit Slip/Data Substitution

16P- Bands 4 & 6 Positive Imagery
16Q- Vertical Line/Distorted Data
16R- Misframed Fix
16S- Loss of Group of Scan Lines
16T- Extensive Morse Code Noise
16U- Lesser Version of 16V (right edge only)
16V- Erratic Shifting of Fix
16W- Line Start Anomaly Fix
16Z- Density Shift in Data

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