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=====
011011003017500001 PROCESSING HISTORY
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=====
/usr1/nlaps/RT/productorders/011011003017500001.po:
=====
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```
{
  InputParams =
  {
    satellite = "Landsat-7";
    sensor = "ETM+";
    AOS_time = "2000 07 09 18:35:13";
    inputDatasetId =
"/diskIngest3/temp/011011003017500001/L72EDC180019118010_HDF.012851717";
    inputMediaType = "Disk";
    inputDataFormat = "L0Rp";
  }
  ControlParams =
  {
    type = "Correction";
    orderId = "011011003017500001";
    priority = 3L;
    specialInstructions = "AV WASHINGTON:USE CUSTOMER-SUPPLIED DEM";
  }
  Inspection =
  {
    viewInput = FALSE;
    viewOutput = FALSE;
    geometricQA = TRUE;
  }
  OutputProductParams =
  {
    productFormat = "NDF";
    bandSelection = "123456789";
    distributionMediaType = "Disk";
    exportDemWithProduct = FALSE;
  }
  iccHeader =
  {
    messageType = "PGS_ORDER";
    originator = "DORRAN";
    originatorAddress = "edcsgs11.cr.usgs.gov";
    recipient = "PGS";
    creationTime = 1002890375L;
    messageId =
"/usr1/nlaps/RT/icc/incoming/target/DORRAN_PGS_01101100301751.PGS_ORDER";
    monitorId = "0_35577746";
  }
  CorrectionParams =
  {
    correctionLevel = "Precision Geocorrection";
    productOrientation = "Map North";
    forceManualMarking = TRUE;
    createSCPs = FALSE;
    mapParams =
```

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{
  name = "SPCS";
  projectionCode = 2L;
  projectionParams =
  [
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
  ]
  zoneNumber = 4602L;
}
earthEllipsoid = "NAD83";
resamplingKernel = "CC";
productFramingMethod = "Path Row";
path = 44L;
row = 2.8000000000000000e+01;
lineSpacing = 3.0000000000000000e+01;
pixelSpacing = 3.0000000000000000e+01;
scanGapCorrection = TRUE;
etm+PanAtDoubleResolution = TRUE;
etm+ThermalAtHalfResolution = TRUE;
radiometricCorrection =
{
  method = "NASA";
  despiking = FALSE;
}
elevationCorrection = "Fine DEM";
demInfo =
[
  {
    format = "LAS";
    mediaType = "Disk";
    mediaId = "/dem_data/DEM/washingtonDem";
    fileName = "washcanus_elev2";
  }
]
mapInfo =
[
  {
    name = "ADAMS";
    state = "OR";
    centerLatitude = 4.5812500000000000e+01;
    centerLongitude = -1.1856250000000000e+02;
    scale = "24000";
  }
]

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{
  name = "BALLY MOUNTAIN";
  state = "OR";
  centerLatitude = 4.531250000000000e+01;
  centerLongitude = -1.185625000000000e+02;
  scale = "24000";
}
{
  name = "BOWLUS HILL";
  state = "OR";
  centerLatitude = 4.593750000000000e+01;
  centerLongitude = -1.183125000000000e+02;
  scale = "24000";
}
{
  name = "CECIL";
  state = "OR";
  centerLatitude = 4.556250000000000e+01;
  centerLongitude = -1.199375000000000e+02;
  scale = "24000";
}
{
  name = "DEVILS BACKBONE";
  state = "OR";
  centerLatitude = 4.543750000000000e+01;
  centerLongitude = -1.203125000000000e+02;
  scale = "24000";
}
{
  name = "ECHO SW";
  state = "OR";
  centerLatitude = 4.556250000000000e+01;
  centerLongitude = -1.191875000000000e+02;
  scale = "24000";
}
{
  name = "FRANKLIN HILL";
  state = "OR";
  centerLatitude = 4.543750000000000e+01;
  centerLongitude = -1.191875000000000e+02;
  scale = "24000";
}
{
  name = "GRANITE MEADOWS";
  state = "OR";
  centerLatitude = 4.531250000000000e+01;
  centerLongitude = -1.188125000000000e+02;
  scale = "24000";
}
{
  name = "HEPPNER";
  state = "OR";
  centerLatitude = 4.531250000000000e+01;
  centerLongitude = -1.195625000000000e+02;
  scale = "24000";
}
{

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name = "HOODLUM CANYON";
state = "OR";
centerLatitude = 4.531250000000000e+01;
centerLongitude = -1.191875000000000e+02;
scale = "24000";
}
{
name = "JUNIPER";
state = "OR";
centerLatitude = 4.593750000000000e+01;
centerLongitude = -1.190625000000000e+02;
scale = "24000";
}
{
name = "LEXINGTON";
state = "OR";
centerLatitude = 4.543750000000000e+01;
centerLongitude = -1.196875000000000e+02;
scale = "24000";
}
{
name = "MCKAY RESERVOIR";
state = "OR";
centerLatitude = 4.556250000000000e+01;
centerLongitude = -1.188125000000000e+02;
scale = "24000";
}
{
name = "MISSION";
state = "OR";
centerLatitude = 4.568750000000000e+01;
centerLongitude = -1.186875000000000e+02;
scale = "24000";
}
{
name = "OWENS BUTTE";
state = "OR";
centerLatitude = 4.518750000000000e+01;
centerLongitude = -1.188125000000000e+02;
scale = "24000";
}
{
name = "RING";
state = "OR";
centerLatitude = 4.593750000000000e+01;
centerLongitude = -1.188125000000000e+02;
scale = "24000";
}
{
name = "SHUTLER FLAT";
state = "OR";
centerLatitude = 4.556250000000000e+01;
centerLongitude = -1.201875000000000e+02;
scale = "24000";
}
{
name = "STRAWBERRY CANYON NE";

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state = "OR";
centerLatitude = 4.568750000000000e+01;
centerLongitude = -1.195625000000000e+02;
scale = "24000";
}
{
name = "SUMMERFIELD RIDGE";
state = "OR";
centerLatitude = 4.518750000000000e+01;
centerLongitude = -1.194375000000000e+02;
scale = "24000";
}
{
name = "TAMARACK GULCH";
state = "OR";
centerLatitude = 4.531250000000000e+01;
centerLongitude = -1.186875000000000e+02;
scale = "24000";
}
{
name = "UTTS BUTTE";
state = "OR";
centerLatitude = 4.543750000000000e+01;
centerLongitude = -1.199375000000000e+02;
scale = "24000";
}
{
name = "WATERMAN";
state = "OR";
centerLatitude = 4.593750000000000e+01;
centerLongitude = -1.185625000000000e+02;
scale = "24000";
}
{
name = "BADGER GAP";
state = "WA";
centerLatitude = 4.681250000000000e+01;
centerLongitude = -1.203125000000000e+02;
scale = "24000";
}
{
name = "BEVERLY SE";
state = "WA";
centerLatitude = 4.681250000000000e+01;
centerLongitude = -1.198125000000000e+02;
scale = "24000";
}
{
name = "BLACK ROCK SPRING NW";
state = "WA";
centerLatitude = 4.668750000000000e+01;
centerLongitude = -1.201875000000000e+02;
scale = "24000";
}
{
name = "BOYLSTON";
state = "WA";

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    centerLatitude = 4.693750000000000e+01;
    centerLongitude = -1.201875000000000e+02;
    scale = "24000";
}
{
    name = "CANOE RIDGE";
    state = "WA";
    centerLatitude = 4.593750000000000e+01;
    centerLongitude = -1.198125000000000e+02;
    scale = "24000";
}
{
    name = "CONNELL SE";
    state = "WA";
    centerLatitude = 4.656250000000000e+01;
    centerLongitude = -1.188125000000000e+02;
    scale = "24000";
}
{
    name = "CRIDER VALLEY";
    state = "WA";
    centerLatitude = 4.593750000000000e+01;
    centerLongitude = -1.201875000000000e+02;
    scale = "24000";
}
{
    name = "DOUTY CANYON";
    state = "WA";
    centerLatitude = 4.593750000000000e+01;
    centerLongitude = -1.200625000000000e+02;
    scale = "24000";
}
{
    name = "EMERSON NIPPLE";
    state = "WA";
    centerLatitude = 4.656250000000000e+01;
    centerLongitude = -1.198125000000000e+02;
    scale = "24000";
}
{
    name = "GLADE";
    state = "WA";
    centerLatitude = 4.631250000000000e+01;
    centerLongitude = -1.190625000000000e+02;
    scale = "24000";
}
{
    name = "GRANGER NW";
    state = "WA";
    centerLatitude = 4.643750000000000e+01;
    centerLongitude = -1.201875000000000e+02;
    scale = "24000";
}
{
    name = "HAT ROCK";
    state = "WA";
    centerLatitude = 4.593750000000000e+01;

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        centerLongitude = -1.1918750000000000e+02;
        scale = "24000";
    }
    {
        name = "HUNTSVILLE";
        state = "WA";
        centerLatitude = 4.6312500000000000e+01;
        centerLongitude = -1.1806250000000000e+02;
        scale = "24000";
    }
    {
        name = "KELLOGG CREEK";
        state = "WA";
        centerLatitude = 4.6437500000000000e+01;
        centerLongitude = -1.1806250000000000e+02;
        scale = "24000";
    }
    {
        name = "LEVEY NE";
        state = "WA";
        centerLatitude = 4.6437500000000000e+01;
        centerLongitude = -1.1881250000000000e+02;
        scale = "24000";
    }
    {
        name = "LONE PINE BUTTE";
        state = "WA";
        centerLatitude = 4.5937500000000000e+01;
        centerLongitude = -1.2056250000000000e+02;
        scale = "24000";
    }
    {
        name = "MABTON EAST";
        state = "WA";
        centerLatitude = 4.6187500000000000e+01;
        centerLongitude = -1.1993750000000000e+02;
        scale = "24000";
    }
    {
        name = "MESA EAST";
        state = "WA";
        centerLatitude = 4.6562500000000000e+01;
        centerLongitude = -1.1893750000000000e+02;
        scale = "24000";
    }
    {
        name = "PAGE";
        state = "WA";
        centerLatitude = 4.6312500000000000e+01;
        centerLongitude = -1.1868750000000000e+02;
        scale = "24000";
    }
    {
        name = "PLEASANT VIEW";
        state = "WA";
        centerLatitude = 4.6437500000000000e+01;
        centerLongitude = -1.1831250000000000e+02;
    }

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    scale = "24000";
}
{
    name = "PRESCOTT";
    state = "WA";
    centerLatitude = 4.631250000000000e+01;
    centerLongitude = -1.183125000000000e+02;
    scale = "24000";
}
{
    name = "PROSSER SE";
    state = "WA";
    centerLatitude = 4.606250000000000e+01;
    centerLongitude = -1.198125000000000e+02;
    scale = "24000";
}
{
    name = "RYE GRASS COULEE";
    state = "WA";
    centerLatitude = 4.643750000000000e+01;
    centerLongitude = -1.189375000000000e+02;
    scale = "24000";
}
{
    name = "SLATER";
    state = "WA";
    centerLatitude = 4.618750000000000e+01;
    centerLongitude = -1.188125000000000e+02;
    scale = "24000";
}
{
    name = "SPERRY";
    state = "WA";
    centerLatitude = 4.668750000000000e+01;
    centerLongitude = -1.184375000000000e+02;
    scale = "24000";
}
{
    name = "SUNNYSIDE";
    state = "WA";
    centerLatitude = 4.631250000000000e+01;
    centerLongitude = -1.200625000000000e+02;
    scale = "24000";
}
{
    name = "TOUCHET";
    state = "WA";
    centerLatitude = 4.606250000000000e+01;
    centerLongitude = -1.186875000000000e+02;
    scale = "24000";
}
{
    name = "VANTAGE";
    state = "WA";
    centerLatitude = 4.693750000000000e+01;
    centerLongitude = -1.199375000000000e+02;
    scale = "24000";
}

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    }
    {
        name = "WALLA WALLA";
        state = "WA";
        centerLatitude = 4.606250000000000e+01;
        centerLongitude = -1.183125000000000e+02;
        scale = "24000";
    }
    {
        name = "WELLAND";
        state = "WA";
        centerLatitude = 4.618750000000000e+01;
        centerLongitude = -1.186875000000000e+02;
        scale = "24000";
    }
    {
        name = "WOODED ISLAND";
        state = "WA";
        centerLatitude = 4.643750000000000e+01;
        centerLongitude = -1.193125000000000e+02;
        scale = "24000";
    }
]
}
header =
{
    name = "internal-formatted PO";
    version = 0L;
    productOrderType = "Correction";
    origin = "External";
    creationTime = 1003155110L;
}
}

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=====
PreIngest.input:
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```

{
    commonChildInputParams =
    {
        reportName = "PreIngest.report";
        inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500001/Input_";
    }
    satelliteName = "LS7 ";
    sensorName = "ETMP";
    referenceTime =
    {
        year = 2000;
        month = 7;
        day = 9;
        hour = 18;
        minute = 35;
        sec = 13;
        usec = 0;
        time_system = 2;
    }
}
}

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```
=====
Ingest.input:
=====
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```
{
  commonChildInputParams =
  {
    inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500001/Input_";
    reportName = "Ingest.report";
  }
  priority = 7.000000000000000e+00F;
  manualPositioningRequired ?= FALSE;
  AOSTime =
  {
    year = 2000;
    month = 7;
    day = 9;
    hour = 18;
    minute = 35;
    sec = 13;
    usec = 0;
    time_system = 2;
  }
  satellite = "LS7 ";
  sensor = "ETMP";
  numberOfScenes = 1.500000000000000e+00F;
  ingestBoundaryType ?= 0;
  pathRowCentre ?=
  {
    path = 44;
    row = 28;
    sceneCentreOffset ?= 0.000000000000000e+00F;
  }
  bandList =
  {
    numBands = 9;
    bandsUsed =
    [
      1;
      2;
      3;
      4;
      5;
      6;
      7;
      8;
      9;
    ]
  }
  inputIsTarred ?= FALSE;
  memoryEffectCorrectionRequired ?= FALSE;
  mediumData =
  {
    mediumType = 4;
    format = 26;
    volumeInfo =
    [
      {
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        filenames =
        [
"/diskIngest3/temp/01101100301750001/L72EDC180019118010_HDF.012851717";
        ]
        mediumId =
"/diskIngest3/temp/01101100301750001/L72EDC180019118010_HDF.012851717";
    }
    ]
    }
    sampleSceneStats = FALSE;
    performRadiometricCorrection ?= TRUE;
}
=====
Ingest.output:
=====
{
    InputImage =
    {
        InputImageHandle =
"/usr1/nlaps/RT/workorders/011011003017500001/Input_LZR_Main.tif";
        InputImageResourceId = "/image2";
        InputImageAllocationId = 229041L;
    }
    IngestQualityFlag = TRUE;
    IngestPredictedOrbitFlag = TRUE;
    orbitNumber = 86998;
    ReportHeader =
    {
        ReportName = "Ingest";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "011011003017500001";
        StartTime = "Mon Oct 15 09:13:38 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 9;
            minute = 13;
            sec = 38;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Mon Oct 15 09:16:06 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 9;
            minute = 16;
            sec = 6;
            usec = 0;
            time_system = 2;
        }
    }
    CpuTime = 1.3363000000000000e+02;
}

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}
ingestStartTime =
{
    year = 2000;
    month = 7;
    day = 9;
    hour = 18;
    minute = 34;
    sec = 59;
    usec = 679125;
    time_system = 2;
}
ingestEndTime =
{
    year = 2000;
    month = 7;
    day = 9;
    hour = 18;
    minute = 35;
    sec = 26;
    usec = 513000;
    time_system = 2;
}
ingestStartTimeString = "2000 07 09 18:34:59.679";
ingestEndTimeString = "2000 07 09 18:35:26.513";
segmentStartTime =
{
    year = 2000;
    month = 7;
    day = 9;
    hour = 18;
    minute = 34;
    sec = 59;
    usec = 679125;
    time_system = 2;
}
segmentEndTime =
{
    year = 2000;
    month = 7;
    day = 9;
    hour = 18;
    minute = 35;
    sec = 26;
    usec = 513000;
    time_system = 2;
}
ProcessingInformation =
{
    TotalNumberOfSwaths = 374;
    TotalNumberSwathsWithSyncLosses = 0;
    TotalNumberOfSyncLosses = 0;
    MinimumLineLength = 6319;
    MaximumLineLength = 6322;
    InputCentreDateAndTimeAtStation =
    {
        year = 2000;

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        month = 7;
        day = 9;
        hour = 18;
        minute = 35;
        sec = 13;
        usec = 96062;
        time_system = 2;
    }
    NumberOfBandsIngested = 9;
    BandNumbersIngested =
    [
        1L;
        2L;
        3L;
        4L;
        5L;
        6L;
        7L;
        8L;
        9L;
    ]
}
}=====
DemInit.input:
=====
{
    inputImageFileName =
"/usr1/nlaps/RT/workorders/011011003017500001/Input_LZR_Main.tif";
    acqModelIdentifier = "/usr1/nlaps/RT/workorders/011011003017500001/Input_";
    spheroidParams =
    {
        earth_spheroid_name = "NAD83";
        semimajor_axis = 6.3781370000000000e+06;
        eccentricity_squared = 6.694380022900790e-03;
        earth_centre_offset =
        {
            lowerB = 1;
            upperB = 3;
            Bstore =
            [
                0.0000000000000000e+00;
                0.0000000000000000e+00;
                0.0000000000000000e+00;
            ]
        }
        ellipsoidCode = 7019;
    }
    sceneHandle = "/usr1/nlaps/RT/workorders/011011003017500001/Input_";
    demType = 0;
    baseElevation ?= 0.0000000000000000e+00F;
    demPath ?= "";
}
}=====
ModelRefinement.input:
=====
{
    commonChildInputParams =

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{
    inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500001/Input_";
    productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003017500001/Product_";
    outputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500001/Output_";
    reportName = "ModelRefinement.report";
}
imageHandle =
"/usr1/nlaps/RT/workorders/011011003017500001/Input_LZR_Main.tif";
scpCreationFlag = FALSE;
autoMarkingMode = 0L;
manualMarkingMode = 2L;
bands =
{
    numBands = 9;
    bandsUsed =
    [
        1;
        2;
        3;
        4;
        5;
        6;
        7;
        8;
        9;
    ]
}
}

```

```

=====
ModelRefinement.report:
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```

{
    ReportHeader =
    {
        ReportName = "ModelRefinementReport";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "011011003017500001";
        StartTime = "Mon Oct 15 09:16:12 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 9;
            minute = 16;
            sec = 12;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Mon Oct 15 10:24:40 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 10;

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        minute = 24;
        sec = 40;
        usec = 0;
        time_system = 2;
    }
    CpuTime = 1.1394000000000000e+02;
}
Satellite = "LS7 ";
Sensor = "ETMP";
AcquisitionTime =
{
    year = 2000L;
    month = 7L;
    day = 9L;
    hour = 18L;
    minute = 35L;
    sec = 13L;
    usec = 157121L;
    time_system = 2L;
}
PrecisionModelSummary =
{
    NumberOfCPsInModel = 16L;
    ModelErrors =
    {
        along_track =
        {
            mean_error = -1.126858294010162e-01;
            rms_error = 7.903125762939453e+00;
            std_dev_error = 7.902322292327881e+00;
        }
        across_track =
        {
            mean_error = -4.170660376548767e-01;
            rms_error = 6.171177864074707e+00;
            std_dev_error = 6.157068729400635e+00;
        }
        height =
        {
            mean_error = 9.057202935218811e-02;
            rms_error = 5.953283905982971e-01;
            std_dev_error = 5.883983373641968e-01;
        }
        combined =
        {
            mean_error = 4.414130449295044e-01;
            rms_error = 1.004476261138916e+01;
            std_dev_error = 1.003505897521973e+01;
        }
    }
}
ControlPointsSummary =
[
    {
        CpNumber = 8715L;
        CpAutoMarked = TRUE;
        CpKind = "RCP";
    }
]

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```

CpLocation =
{
    latitude = 4.676641752151856e+01;
    longitude = -1.196013131589889e+02;
    height = 2.895599439591169e+02;
}
CpResiduals =
{
    alongTrack = 1.714990441316597e+00;
    acrossTrack = -7.691739685602500e+00;
    height = 4.834827038156062e-01;
    combined = 7.895429508884782e+00;
}
}
{
    CpNumber = 26517L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.551891848612042e+01;
        longitude = -1.207691636822811e+02;
        height = 6.720749466335401e+02;
    }
    CpResiduals =
    {
        alongTrack = -4.332237997095103e+00;
        acrossTrack = 3.117809777569816e+00;
        height = -4.565800777393725e-01;
        combined = 5.357003755829655e+00;
    }
}
{
    CpNumber = 8811L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.673649223457414e+01;
        longitude = -1.185688160897279e+02;
        height = 4.429949444290251e+02;
    }
    CpResiduals =
    {
        alongTrack = -4.688413710342166e+00;
        acrossTrack = -1.072745867818250e+01;
        height = -6.312877623865656e-01;
        combined = 1.172425336856793e+01;
    }
}
{
    CpNumber = 9104L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.641577423624172e+01;

```

```

        longitude = -1.202541226365894e+02;
        height = 2.695299450429156e+02;
    }
    CpResiduals =
    {
        alongTrack = 5.781088913944385e+00;
        acrossTrack = 9.503713680193892e+00;
        height = -1.181096427648964e+00;
        combined = 1.118644499014054e+01;
    }
}
{
    CpNumber = 9039L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.621479254563713e+01;
        longitude = -1.191065768735686e+02;
        height = 1.069999454384670e+02;
    }
    CpResiduals =
    {
        alongTrack = -9.956125708913795e+00;
        acrossTrack = 1.843639944159045e+00;
        height = 2.943058394926634e-02;
        combined = 1.012542905434948e+01;
    }
}
{
    CpNumber = 9326L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.551650600760424e+01;
        longitude = -1.196323919768269e+02;
        height = 4.259999466724694e+02;
    }
    CpResiduals =
    {
        alongTrack = -1.334888326103174e+01;
        acrossTrack = -7.510597790581208e-02;
        height = -9.726769271378721e-03;
        combined = 1.334909809068054e+01;
    }
}
{
    CpNumber = 9257L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.548605381428592e+01;
        longitude = -1.187918020545832e+02;
        height = 5.350359467156231e+02;
    }
}

```

```

CpResiduals =
{
  alongTrack = 6.736440324241015e+00;
  acrossTrack = 7.783400416971571e+00;
  height = 6.909123353923134e-01;
  combined = 1.031689440423672e+01;
}
}
{
  CpNumber = 9273L;
  CpAutoMarked = TRUE;
  CpKind = "RCP";
  CpLocation =
  {
    latitude = 4.589203542773209e+01;
    longitude = -1.198122395133537e+02;
    height = 1.391579460240901e+02;
  }
  CpResiduals =
  {
    alongTrack = 4.611535698126069e+00;
    acrossTrack = 2.916433254809220e+00;
    height = -1.441867762142546e-01;
    combined = 5.458262933505791e+00;
  }
}
{
  CpNumber = 9274L;
  CpAutoMarked = TRUE;
  CpKind = "RCP";
  CpLocation =
  {
    latitude = 4.572273247681542e+01;
    longitude = -1.203146707759416e+02;
    height = 1.395039463313296e+02;
  }
  CpResiduals =
  {
    alongTrack = 1.323749257326673e+01;
    acrossTrack = -8.598983095275172e-01;
    height = 9.262806201805063e-02;
    combined = 1.326571576236629e+01;
  }
}
{
  CpNumber = 8962L;
  CpAutoMarked = FALSE;
  CpKind = "RCP";
  CpLocation =
  {
    latitude = 4.629633170328702e+01;
    longitude = -1.186166966249590e+02;
    height = 3.169639452584088e+02;
  }
  CpResiduals =
  {
    alongTrack = 2.191668646478207e+00;

```

```

        acrossTrack = -6.976200915830293e+00;
        height = -5.075793382615350e-01;
        combined = 7.329967766546933e+00;
    }
}
{
    CpNumber = 9270L;
    CpAutoMarked = FALSE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.597656998897636e+01;
        longitude = -1.183143068837098e+02;
        height = 3.287559458417818e+02;
    }
    CpResiduals =
    {
        alongTrack = 1.099986513403058e+01;
        acrossTrack = 2.387649845716621e+00;
        height = 2.933248026634896e-01;
        combined = 1.125983766279380e+01;
    }
}
{
    CpNumber = 9387L;
    CpAutoMarked = FALSE;
    CpKind = "SCP";
    CpLocation =
    {
        latitude = 4.592858505280887e+01;
        longitude = -1.190585631689267e+02;
        height = 2.922639999194071e+02;
    }
    CpResiduals =
    {
        alongTrack = -2.331700886080963e+00;
        acrossTrack = 5.260070874922486e-01;
        height = 1.832715362030091e-02;
        combined = 2.390365738292501e+00;
    }
}
{
    CpNumber = 8708L;
    CpAutoMarked = FALSE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.657839532367073e+01;
        longitude = -1.180885067517253e+02;
        height = 1.789179447609931e+02;
    }
    CpResiduals =
    {
        alongTrack = -4.001706548188805e+00;
        acrossTrack = 7.907805448580428e+00;
        height = 9.645385054300055e-01;
        combined = 8.915008515916998e+00;
    }
}

```

```

    }
  }
  {
    CpNumber = 8838L;
    CpAutoMarked = FALSE;
    CpKind = "SCP";
    CpLocation =
    {
      latitude = 4.675150813391748e+01;
      longitude = -1.202333786560664e+02;
      height = 6.699999997960404e+02;
    }
    CpResiduals =
    {
      alongTrack = -8.938824500757930e+00;
      acrossTrack = -7.680257042559558e+00;
      height = 1.052169963845176e+00;
      combined = 1.183199025219147e+01;
    }
  }
  {
    CpNumber = 8777L;
    CpAutoMarked = FALSE;
    CpKind = "RCP";
    CpLocation =
    {
      latitude = 4.657889508260095e+01;
      longitude = -1.190746060516184e+02;
      height = 2.739999447418377e+02;
    }
    CpResiduals =
    {
      alongTrack = 9.635211253370791e+00;
      acrossTrack = 5.875702665182911e-01;
      height = 1.617502412650484e-02;
      combined = 9.653123657479220e+00;
    }
  }
  {
    CpNumber = 8975L;
    CpAutoMarked = FALSE;
    CpKind = "RCP";
    CpLocation =
    {
      latitude = 4.621466928382747e+01;
      longitude = -1.199495069444189e+02;
      height = 2.079669454200193e+02;
    }
    CpResiduals =
    {
      alongTrack = -9.113373624706480e+00;
      acrossTrack = -9.236425658466727e+00;
      height = 7.386205439256424e-01;
      combined = 1.299656485675300e+01;
    }
  }
}
]

```

[illegible]

```

referenceSpheroid =
{
  earth_spheroid_name = "NAD83";
  semimajor_axis = 6.378137000000000e+06;
  eccentricity_squared = 6.694380022900790e-03;
  earth_centre_offset =
  {
    lowerB = 1;
    upperB = 3;
    Bstore =
    [
      0.000000000000000e+00;
      0.000000000000000e+00;
      0.000000000000000e+00;
    ]
  }
  ellipsoidCode = 7019;
}
}
GCTPZone = 4602;
}
orientationChoice = 1;
path ?= 44;
row ?= 28;
sceneShift ?= 0.000000000000000e+00F;
mapPixelSpacing ?= 3.000000000000000e+01;
mapLineSpacing ?= 3.000000000000000e+01;
performRegionCheck = FALSE;
performDEM_Correction = TRUE;
performElevationCorrection = FALSE;
performBaseElevationCorrection = FALSE;
baseElevation = 0.000000000000000e+00F;
}
=====
ProductDefinition.output:
=====
{
  inputLimits =
  {
    inputLimits =
    [
      {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
      }
      {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
      }
      {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
      }
    ]
  }
}

```

```

        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 1;
        endLine = 2992;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 12672;
        startLine = 1;
        endLine = 11968;
    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 1;
        endLine = 2992;
    }
    ]
}
imageSize =
[
    {
        numLines = 7146;
        numPixels = 7530;
    }
    {
        numLines = 7146;
        numPixels = 7530;
    }
    {
        numLines = 7146;
        numPixels = 7530;
    }
    {
        numLines = 7146;
        numPixels = 7530;
    }

```

```

    }
    {
        numLines = 7146;
        numPixels = 7530;
    }
    {
        numLines = 3573;
        numPixels = 3765;
    }
    {
        numLines = 7146;
        numPixels = 7530;
    }
    {
        numLines = 14292;
        numPixels = 15060;
    }
    {
        numLines = 3573;
        numPixels = 3765;
    }
]
outputResolution =
[
    {
        lineSpacing = 3.000000000000000e+01F;
        pixelSpacing = 3.000000000000000e+01F;
    }
    {
        lineSpacing = 3.000000000000000e+01F;
        pixelSpacing = 3.000000000000000e+01F;
    }
    {
        lineSpacing = 3.000000000000000e+01F;
        pixelSpacing = 3.000000000000000e+01F;
    }
    {
        lineSpacing = 3.000000000000000e+01F;
        pixelSpacing = 3.000000000000000e+01F;
    }
    {
        lineSpacing = 3.000000000000000e+01F;
        pixelSpacing = 3.000000000000000e+01F;
    }
    {
        lineSpacing = 6.000000000000000e+01F;
        pixelSpacing = 6.000000000000000e+01F;
    }
    {
        lineSpacing = 3.000000000000000e+01F;
        pixelSpacing = 3.000000000000000e+01F;
    }
    {
        lineSpacing = 1.500000000000000e+01F;
        pixelSpacing = 1.500000000000000e+01F;
    }
    {

```

```

        lineSpacing = 6.000000000000000e+01F;
        pixelSpacing = 6.000000000000000e+01F;
    }
]
outputImageRefPoint =
[
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
]
outputMapRefPoint =
{
    x = 4.770450000000000e+05;
    y = 1.853550000000000e+05;
    height = 0.000000000000000e+00;
}
outputOrientation = 0.000000000000000e+00;
mapProjectionParams =
{
    projDescription =
    {
        projName = "SPCS";
        projection = 2;
        projCoeffs =

```

```

[
  0.0000000000000000e+00;
  0.0000000000000000e+00;
  0.0000000000000000e+00;
  0.0000000000000000e+00;
  0.0000000000000000e+00;
  0.0000000000000000e+00;
  0.0000000000000000e+00;
  0.0000000000000000e+00;
  0.0000000000000000e+00;
  0.0000000000000000e+00;
  0.0000000000000000e+00;
  0.0000000000000000e+00;
  0.0000000000000000e+00;
  0.0000000000000000e+00;
  0.0000000000000000e+00;
  0.0000000000000000e+00;
  0.0000000000000000e+00;
]
referenceSpheroid =
{
  earth_spheroid_name = "NAD83";
  semimajor_axis = 6.378137000000000e+06;
  eccentricity_squared = 6.694380022900790e-03;
  earth_centre_offset =
  {
    lowerB = 1;
    upperB = 3;
    Bstore =
    [
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
    ]
  }
  ellipsoidCode = 7019;
}
}
GCTPZone = 4602;
}
path = 44;
row = 28;
startRow = 0;
endRow = 0;
floatingEndRow = 0.0000000000000000e+00F;
geodeticCentre =
{
  latitude = 8.033880161134483e-01;
  longitude = -2.082835551823515e+00;
  height = 0.0000000000000000e+00;
}
mapCentre =
{
  x = 5.899800000000000e+05;
  y = 7.818000000000000e+04;
  height = 0.0000000000000000e+00;
}
geodeticSceneCorners =
[

```

```

    {
        latitude = 8.203623308673840e-01;
        longitude = -2.099246243498352e+00;
        height = 0.000000000000000e+00;
    }
    {
        latitude = 8.141360570877509e-01;
        longitude = -2.056259679018843e+00;
        height = 0.000000000000000e+00;
    }
    {
        latitude = 7.862942716735396e-01;
        longitude = -2.067116469486038e+00;
        height = 0.000000000000000e+00;
    }
    {
        latitude = 7.923394557976858e-01;
        longitude = -2.108871356654957e+00;
        height = 0.000000000000000e+00;
    }
]
geodeticProductCorners =
[
    {
        latitude = 7.866519693649066e-01;
        longitude = -2.108208051801257e+00;
        height = 0.000000000000000e+00;
    }
    {
        latitude = 7.861383553411384e-01;
        longitude = -2.058169555435105e+00;
        height = 0.000000000000000e+00;
    }
    {
        latitude = 8.197818875341852e-01;
        longitude = -2.056564241559068e+00;
        height = 0.000000000000000e+00;
    }
    {
        latitude = 8.203138404469330e-01;
        longitude = -2.108389826165744e+00;
        height = 0.000000000000000e+00;
    }
]
mapProductCorners =
[
    {
        x = 4.770450000000000e+05;
        y = -2.902500000000000e+04;
        height = 0.000000000000000e+00;
    }
    {
        x = 7.029450000000000e+05;
        y = -2.902500000000000e+04;
        height = 0.000000000000000e+00;
    }
]

```

[illegible]

```

0.0000000000000000e+00;
0.0000000000000000e+00;
0.0000000000000000e+00;
0.0000000000000000e+00;
0.0000000000000000e+00;
0.0000000000000000e+00;
0.0000000000000000e+00;
0.0000000000000000e+00;
0.0000000000000000e+00;
0.0000000000000000e+00;
0.0000000000000000e+00;
]
referenceSpheroid =
{
  earth_spheroid_name = "NAD83";
  semimajor_axis = 6.378137000000000e+06;
  eccentricity_squared = 6.694380022900790e-03;
  earth_centre_offset =
  {
    lowerB = 1;
    upperB = 3;
    Bstore =
    [
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
    ]
  }
  ellipsoidCode = 7019;
}
}
GCTPZone = 4602;
}
}
=====
DemIngest.output:
=====
{
  ImageHandle =
"/usr1/nlaps/RT/workorders/011011003017500001/Input__DEMI_IngestControl.tif";
  ImageAllocationId = 229180L;
}
=====
DemIngest.report:
=====
{
  ReportHeader =
  {
    ReportName = "DEM Ingest Report";
    VersionNumber = 1.0000000000000000e+00;
    WorkOrderId = "011011003017500001";
    StartTime = "Mon Oct 15 10:24:54 2001";
    StartTimeRecord =
    {
      year = 2001;
      month = 10;
      day = 15;
      hour = 10;
      minute = 24;
    }
  }
}

```

```

        sec = 54;
        usec = 0;
        time_system = 2;
    }
    CompletionTime = "Mon Oct 15 10:25:37 2001";
    CompletionTimeRecord =
    {
        year = 2001;
        month = 10;
        day = 15;
        hour = 10;
        minute = 25;
        sec = 37;
        usec = 0;
        time_system = 2;
    }
    CpuTime = 2.521000000000000e+01;
}
PixelSpacing = 3.000000000000000e+01F;
PixelSpacingUnits = "meters";
LineSpacing = 3.000000000000000e+01F;
LineSpacingUnits = "meters";
ProductOrderNumber = "011011003017500001";
SourceFormat = "LAS";
PixelType = 2L;
HorizontalDatum = "NORTHAM_83_CONUS";
VerticalDatum = "MSL";
UpperLatitude = 4.700468667410637e+01;
RightLongitude = -1.178261368493826e+02;
LowerLatitude = 4.503782261582722e+01;
LeftLongitude = -1.208083712725580e+02;
NumberOfLines = 7179L;
PixelsPerLine = 7563L;
UnitOfElevationMeasure = "meters";
Error =
{
    circularError = 4.200000000000000e+01;
    linearError = 4.200000000000000e+01;
}
InputMediaReport =
[
    {
        Media = "/dem_data/DEM/washingtonDem";
        File = "washcanus_elev2";
    }
]
}
=====
WarpDem.input:
=====
{
    commonChildInputParams =
    {
        reportName = "WarpDem.report";
        inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500001/Input_";
        productSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500001/DEM_";
    }
}

```

```

priority = 7.000000000000000e+00F;
InputImageFile =
"/usr1/nlaps/RT/workorders/011011003017500001/Input__DEMI_IngestControl.tif";
ResampleImageOrDemFlag = FALSE;
CollectStatsFlag = TRUE;
productSpecification =
{
    satellite = "LS7 ";
    sensor = "ETMP";
    processingLevel = "Precision Geocorrection";
    outputPixelType = 2;
    blackfillEdgeChoice = 1;
    path = 44;
    row = 28;
    bandList =
    {
        numBands = 9;
        bandsUsed =
        [
            1;
            2;
            3;
            4;
            5;
            6;
            7;
            8;
            9;
        ]
    }
    mapProjectionParams =
    {
        projDescription =
        {
            projName = "SPCS";
            projection = 2;
            projCoeffs =
            [
                0.000000000000000e+00;
                0.000000000000000e+00;
                0.000000000000000e+00;
                0.000000000000000e+00;
                0.000000000000000e+00;
                0.000000000000000e+00;
                0.000000000000000e+00;
                0.000000000000000e+00;
                0.000000000000000e+00;
                0.000000000000000e+00;
                0.000000000000000e+00;
                0.000000000000000e+00;
                0.000000000000000e+00;
                0.000000000000000e+00;
                0.000000000000000e+00;
                0.000000000000000e+00;
            ]
            referenceSpheroid =
            {
                earth_spheroid_name = "NAD83";
            }
        }
    }
}

```

```

semimajor_axis = 6.378137000000000e+06;
eccentricity_squared = 6.694380022900790e-03;
earth_centre_offset =
{
    lowerB = 1;
    upperB = 3;
    Bstore =
    [
        0.000000000000000e+00;
        0.000000000000000e+00;
        0.000000000000000e+00;
    ]
}
ellipsoidCode = 7019;
}
}
GCTPZone = 4602;
}
outputMapRefPoint =
{
    x = 4.770450000000000e+05;
    y = 1.853550000000000e+05;
    height = 0.000000000000000e+00;
}
outputOrientation = 0.000000000000000e+00;
inputLimits =
{
    inputLimits =
    [
        {
            startPixel = 1;
            endPixel = 6336;
            startLine = 1;
            endLine = 5984;
        }
        {
            startPixel = 1;
            endPixel = 6336;
            startLine = 1;
            endLine = 5984;
        }
        {
            startPixel = 1;
            endPixel = 6336;
            startLine = 1;
            endLine = 5984;
        }
        {
            startPixel = 1;
            endPixel = 6336;
            startLine = 1;
        }
    ]
}

```

```

        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 1;
        endLine = 2992;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 12672;
        startLine = 1;
        endLine = 11968;
    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 1;
        endLine = 2992;
    }
    ]
}
processingOptions =
{
    resamplingKernel = "CC";
    resamplingMethod = "1Pass2Dimensional";
    performRadiometricCorrection = TRUE;
    radiometricAlgorithm = 1;
    performGeometricCorrection = TRUE;
    performDEM_Correction = TRUE;
    performElevationCorrection = FALSE;
    performBaseElevationCorrection = FALSE;
    baseElevation = 0.000000000000000e+00F;
    performAtmosphericCorrection = FALSE;
    performBadLineReplacement = FALSE;
    performScanGapCorrection = FALSE;
    alignmentRequired = FALSE;
    performHistogramming = FALSE;
    performDebandFilter = FALSE;
    performDespikeFilter = FALSE;
}
outputResolution =
[
    {
        lineSpacing = 3.000000000000000e+01F;
        pixelSpacing = 3.000000000000000e+01F;
    }
]
imageSize =
[
    {

```

```

        numLines = 7146;
        numPixels = 7530;
    }
]
outputImageRefPoint =
[
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
]
}
}
=====
WarpDem.output:
=====
{
    outputImage =
    {
        outputImageHandle =
"/usr1/nlaps/RT/workorders/011011003017500001/DEM__OPR_WarpResampler.tif";
        outputImageAllocationId = 229181L;
    }
}
=====
WarpDem.report:
=====
{
    ReportHeader =
    {
        ReportName = "resamplerReport";
        VersionNumber = 1.000000000000000e+00;
        WorkOrderId = "011011003017500001";
        StartTime = "Mon Oct 15 10:25:39 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 10;
            minute = 25;
            sec = 39;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Mon Oct 15 10:25:56 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 10;
            minute = 25;
            sec = 56;
            usec = 0;
            time_system = 2;
        }
    }
}

```

```

    CpuTime = 3.074000000000000e+01;
}
GeometricCorrectionLevel = "map-projected";
ProductInfo =
{
    Projection = "SPCS";
    GCTPZone = 4602;
    Datum = "NAD83";
    Orientation = 0.000000000000000e+00;
}
ResamplingInfo =
{
    Method = "1 PASS";
    Kernel = "Bilinear";
}
SatelliteAngleOfIncidence = 0.000000000000000e+00;
SatelliteAngleOfIncidenceDirection = "L";
SatelliteIncidentOrientation = 0.000000000000000e+00;
SatelliteOffNadirPointingAngle = 0.000000000000000e+00;
OffNadirPointingAngle = 0.000000000000000e+00;
DemCorrection =
{
    WasApplied = FALSE;
}
ElevationCorrection =
{
    WasApplied = FALSE;
}
RadiometricCorrection =
{
    WasApplied = FALSE;
}
}
=====
ImageCorrection.input:
=====
{
    commonChildInputParams =
    {
        inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500001/Input_";
        productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003017500001/Product_";
        reportName = "ImageCorrection.report";
    }
    priority = 7.000000000000000e+00F;
    InputImageFile =
"/usr1/nlaps/RT/workorders/011011003017500001/Input_LZR_Main.tif";
    InputDemFile =
"/usr1/nlaps/RT/workorders/011011003017500001/DEM__OPR_WarpResampler.tif";
    ResampleImageOrDemFlag = TRUE;
    productSpecification =
    {
        satellite = "LS7 ";
        sensor = "ETMP";
        processingLevel = "Precision Geocorrection";
        outputPixelType = 2;
        blackfillEdgeChoice = 1;
    }
}

```

```

path = 44;
row = 28;
bandList =
{
    numBands = 9;
    bandsUsed =
    [
        1;
        2;
        3;
        4;
        5;
        6;
        7;
        8;
        9;
    ]
}
mapProjectionParams =
{
    projDescription =
    {
        projName = "SPCS";
        projection = 2;
        projCoeffs =
        [
            0.0000000000000000e+00;
            0.0000000000000000e+00;
            0.0000000000000000e+00;
            0.0000000000000000e+00;
            0.0000000000000000e+00;
            0.0000000000000000e+00;
            0.0000000000000000e+00;
            0.0000000000000000e+00;
            0.0000000000000000e+00;
            0.0000000000000000e+00;
            0.0000000000000000e+00;
            0.0000000000000000e+00;
            0.0000000000000000e+00;
            0.0000000000000000e+00;
            0.0000000000000000e+00;
            0.0000000000000000e+00;
        ]
    }
    referenceSpheroid =
    {
        earth_spheroid_name = "NAD83";
        semimajor_axis = 6.3781370000000000e+06;
        eccentricity_squared = 6.694380022900790e-03;
        earth_centre_offset =
        {
            lowerB = 1;
            upperB = 3;
            Bstore =
            [
                0.0000000000000000e+00;
                0.0000000000000000e+00;
                0.0000000000000000e+00;
            ]
        }
    }
}

```

```

        }
        ellipsoidCode = 7019;
    }
}
GCTPZone = 4602;
}
processingOptions =
{
    resamplingKernel = "CC";
    resamplingMethod = "1Pass2Dimensional";
    performRadiometricCorrection = TRUE;
    radiometricAlgorithm = 1;
    performGeometricCorrection = TRUE;
    performDEM_Correction = TRUE;
    performElevationCorrection = FALSE;
    performBaseElevationCorrection = FALSE;
    baseElevation = 0.0000000000000000e+00F;
    performAtmosphericCorrection = FALSE;
    performBadLineReplacement = TRUE;
    performScanGapCorrection = TRUE;
    alignmentRequired = FALSE;
    performHistogramming = TRUE;
    performDebandFilter = FALSE;
    performDespikeFilter = FALSE;
}
outputMapRefPoint =
{
    x = 4.7704500000000000e+05;
    y = 1.8535500000000000e+05;
    height = 0.0000000000000000e+00;
}
outputOrientation = 0.0000000000000000e+00;
inputLimits =
{
    inputLimits =
    [
        {
            startPixel = 1;
            endPixel = 6336;
            startLine = 1;
            endLine = 5984;
        }
        {
            startPixel = 1;
            endPixel = 6336;
            startLine = 1;
            endLine = 5984;
        }
        {
            startPixel = 1;
            endPixel = 6336;
            startLine = 1;
            endLine = 5984;
        }
        {
            startPixel = 1;
            endPixel = 6336;
        }
    ]
}

```

```

        startLine = 1;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 1;
        endLine = 2992;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 12672;
        startLine = 1;
        endLine = 11968;
    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 1;
        endLine = 2992;
    }
    ]
}
imageSize =
[
    {
        numLines = 7146;
        numPixels = 7530;
    }
    {
        numLines = 7146;
        numPixels = 7530;
    }
    {
        numLines = 7146;
        numPixels = 7530;
    }
    {
        numLines = 7146;
        numPixels = 7530;
    }
    {
        numLines = 7146;
        numPixels = 7530;
    }
]

```

```

    {
        numLines = 3573;
        numPixels = 3765;
    }
    {
        numLines = 7146;
        numPixels = 7530;
    }
    {
        numLines = 14292;
        numPixels = 15060;
    }
    {
        numLines = 3573;
        numPixels = 3765;
    }
]
outputResolution =
[
    {
        lineSpacing = 3.000000000000000e+01F;
        pixelSpacing = 3.000000000000000e+01F;
    }
    {
        lineSpacing = 3.000000000000000e+01F;
        pixelSpacing = 3.000000000000000e+01F;
    }
    {
        lineSpacing = 3.000000000000000e+01F;
        pixelSpacing = 3.000000000000000e+01F;
    }
    {
        lineSpacing = 3.000000000000000e+01F;
        pixelSpacing = 3.000000000000000e+01F;
    }
    {
        lineSpacing = 3.000000000000000e+01F;
        pixelSpacing = 3.000000000000000e+01F;
    }
    {
        lineSpacing = 6.000000000000000e+01F;
        pixelSpacing = 6.000000000000000e+01F;
    }
    {
        lineSpacing = 3.000000000000000e+01F;
        pixelSpacing = 3.000000000000000e+01F;
    }
    {
        lineSpacing = 1.500000000000000e+01F;
        pixelSpacing = 1.500000000000000e+01F;
    }
    {
        lineSpacing = 6.000000000000000e+01F;
        pixelSpacing = 6.000000000000000e+01F;
    }
]
outputImageRefPoint =

```

```
[
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
]
}
}
=====
ImageCorrection.output:
=====
{
    outputImage =
    {
        outputImageHandle =
"/usr1/nlaps/RT/workorders/011011003017500001/Product__OPR_MsResampler.tif";
        outputImageAllocationId = 229225L;
    }
}
=====
ImageCorrection.report:
=====
{
    ReportHeader =
    {
```

```

ReportName = "resamplerReport";
VersionNumber = 1.0000000000000000e+00;
WorkOrderId = "011011003017500001";
StartTime = "Mon Oct 15 10:25:59 2001";
StartTimeRecord =
{
    year = 2001;
    month = 10;
    day = 15;
    hour = 10;
    minute = 25;
    sec = 59;
    usec = 0;
    time_system = 2;
}
CompletionTime = "Mon Oct 15 10:40:08 2001";
CompletionTimeRecord =
{
    year = 2001;
    month = 10;
    day = 15;
    hour = 10;
    minute = 40;
    sec = 8;
    usec = 0;
    time_system = 2;
}
CpuTime = 1.5464700000000000e+03;
}
GeometricCorrectionLevel = "map-projected";
ProductInfo =
{
    Projection = "SPCS";
    GCTPZone = 4602;
    Datum = "NAD83";
    Orientation = 0.0000000000000000e+00;
}
ResamplingInfo =
{
    Method = "1 PASS";
    Kernel = "CC";
}
SatelliteAngleOfIncidence = 2.600948705463821e-01;
SatelliteAngleOfIncidenceDirection = "L";
SatelliteIncidentOrientation = 1.831223694433810e+02;
SatelliteOffNadirPointingAngle = -6.196424597467064e-02;
OffNadirPointingAngle = 0.0000000000000000e+00;
DemCorrection =
{
    WasApplied = TRUE;
    DataSource = 1L;
}
ElevationCorrection =
{
    WasApplied = FALSE;
}
RadiometricCorrection =

```

[illegible]

```
} {  
    gain = 1.000000e+00;  
    offset = 0.000000e+00;  
}  
{  
    gain = 1.000000e+00;  
    offset = 0.000000e+00;  
}  
{  
    gain = 1.000000e+00;  
    offset = 0.000000e+00;  
}  
{  
    gain = 1.000000e+00;  
    offset = 0.000000e+00;  
}  
{  
    gain = 1.000000e+00;  
    offset = 0.000000e+00;  
}  
{  
    gain = 1.000000e+00;  
    offset = 0.000000e+00;  
}  
{  
    gain = 1.000000e+00;  
    offset = 0.000000e+00;  
}  
  
]  
[  
    {  
        gain = 1.000000e+00;  
        offset = 0.000000e+00;  
    }  
    {  
        gain = 1.000000e+00;  
        offset = 0.000000e+00;  
    }  
    {  
        gain = 1.000000e+00;  
        offset = 0.000000e+00;  
    }  
    {  
        gain = 1.000000e+00;
```

[illegible]

```
    gain = 9.55555e-01;
    offset = -7.82825e+00;
}
{
    gain = 9.50233e-01;
    offset = -7.66434e+00;
}
{
    gain = 9.51781e-01;
    offset = -7.90186e+00;
}
{
    gain = 9.46646e-01;
    offset = -7.55999e+00;
}
{
    gain = 9.46834e-01;
    offset = -7.44976e+00;
}
{
    gain = 9.57437e-01;
    offset = -7.75938e+00;
}
{
    gain = 9.51827e-01;
    offset = -7.47365e+00;
}
{
    gain = 9.45803e-01;
    offset = -7.31747e+00;
}
{
    gain = 9.44583e-01;
    offset = -7.25233e+00;
}
{
    gain = 9.46680e-01;
    offset = -7.24744e+00;
}
{
    gain = 9.43008e-01;
    offset = -7.55951e+00;
}
{
    gain = 9.50611e-01;
    offset = -7.53561e+00;
}
{
    gain = 9.42621e-01;
    offset = -7.57034e+00;
}
{
    gain = 9.55441e-01;
    offset = -7.92485e+00;
}
{
    gain = 9.54687e-01;
```

```

    offset = -7.82233e+00;
  }
]
[
  {
    gain = 9.62035e-01;
    offset = -7.67301e+00;
  }
  {
    gain = 9.55555e-01;
    offset = -7.82825e+00;
  }
  {
    gain = 9.50233e-01;
    offset = -7.66434e+00;
  }
  {
    gain = 9.51781e-01;
    offset = -7.90186e+00;
  }
  {
    gain = 9.46646e-01;
    offset = -7.55999e+00;
  }
  {
    gain = 9.46834e-01;
    offset = -7.44976e+00;
  }
  {
    gain = 9.57437e-01;
    offset = -7.75938e+00;
  }
  {
    gain = 9.51827e-01;
    offset = -7.47365e+00;
  }
  {
    gain = 9.45803e-01;
    offset = -7.31747e+00;
  }
  {
    gain = 9.44583e-01;
    offset = -7.25233e+00;
  }
  {
    gain = 9.46680e-01;
    offset = -7.24744e+00;
  }
  {
    gain = 9.43008e-01;
    offset = -7.55951e+00;
  }
  {
    gain = 9.50611e-01;
    offset = -7.53561e+00;
  }
  {

```

[illegible]

```
{
    gain = 1.000000e+00;
    offset = 0.000000e+00;
}
{
    gain = 1.000000e+00;
    offset = 0.000000e+00;
}
{
    gain = 1.000000e+00;
    offset = 0.000000e+00;
}
{
    gain = 1.000000e+00;
    offset = 0.000000e+00;
}
{
    gain = 1.000000e+00;
    offset = 0.000000e+00;
}
{
    gain = 1.000000e+00;
    offset = 0.000000e+00;
}
{
    gain = 1.000000e+00;
    offset = 0.000000e+00;
}
]
[
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }

```

```

    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    ]
[
    {
        gain = 9.43014e-01;
        offset = -7.89622e+00;
    }
    {
        gain = 9.55207e-01;
        offset = -7.89699e+00;
    }
    {
        gain = 9.46391e-01;

```

```

    offset = -7.51777e+00;
  }
  {
    gain = 9.52169e-01;
    offset = -7.76381e+00;
  }
  {
    gain = 9.40457e-01;
    offset = -7.15149e+00;
  }
  {
    gain = 9.44101e-01;
    offset = -7.57702e+00;
  }
  {
    gain = 9.60914e-01;
    offset = -7.74579e+00;
  }
  {
    gain = 9.40607e-01;
    offset = -7.56055e+00;
  }
  {
    gain = 9.38661e-01;
    offset = -7.23680e+00;
  }
  {
    gain = 9.43477e-01;
    offset = -7.37814e+00;
  }
  {
    gain = 9.44876e-01;
    offset = -7.41010e+00;
  }
  {
    gain = 9.47648e-01;
    offset = -7.83813e+00;
  }
  {
    gain = 9.55665e-01;
    offset = -7.77425e+00;
  }
  {
    gain = 9.40350e-01;
    offset = -7.65428e+00;
  }
  {
    gain = 9.50023e-01;
    offset = -7.66734e+00;
  }
  {
    gain = 9.54251e-01;
    offset = -7.85441e+00;
  }
]
[
  {

```

```
    gain = 9.43014e-01;
    offset = -7.89622e+00;
}
{
    gain = 9.55207e-01;
    offset = -7.89699e+00;
}
{
    gain = 9.46391e-01;
    offset = -7.51777e+00;
}
{
    gain = 9.52169e-01;
    offset = -7.76381e+00;
}
{
    gain = 9.40457e-01;
    offset = -7.15149e+00;
}
{
    gain = 9.44101e-01;
    offset = -7.57702e+00;
}
{
    gain = 9.60914e-01;
    offset = -7.74579e+00;
}
{
    gain = 9.40607e-01;
    offset = -7.56055e+00;
}
{
    gain = 9.38661e-01;
    offset = -7.23680e+00;
}
{
    gain = 9.43477e-01;
    offset = -7.37814e+00;
}
{
    gain = 9.44876e-01;
    offset = -7.41010e+00;
}
{
    gain = 9.47648e-01;
    offset = -7.83813e+00;
}
{
    gain = 9.55665e-01;
    offset = -7.77425e+00;
}
{
    gain = 9.40350e-01;
    offset = -7.65428e+00;
}
{
    gain = 9.50023e-01;
```

[illegible]

[illegible]

```
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
}
]
[
{
  gain = 9.50523e-01;
  offset = -7.66865e+00;
}
{
  gain = 9.47476e-01;
  offset = -7.62131e+00;
}
{
  gain = 9.51911e-01;
  offset = -7.47182e+00;
}
{
  gain = 9.51753e-01;
  offset = -7.75964e+00;
}
```

```

    }
    {
        gain = 9.55556e-01;
        offset = -7.64845e+00;
    }
    {
        gain = 9.44306e-01;
        offset = -7.57233e+00;
    }
    {
        gain = 9.52624e-01;
        offset = -7.51302e+00;
    }
    {
        gain = 9.42547e-01;
        offset = -7.27872e+00;
    }
    {
        gain = 9.50143e-01;
        offset = -7.53409e+00;
    }
    {
        gain = 9.60568e-01;
        offset = -7.66779e+00;
    }
    {
        gain = 9.59513e-01;
        offset = -7.84431e+00;
    }
    {
        gain = 9.51887e-01;
        offset = -7.81935e+00;
    }
    {
        gain = 9.53279e-01;
        offset = -7.84558e+00;
    }
    {
        gain = 9.50248e-01;
        offset = -7.67243e+00;
    }
    {
        gain = 9.52856e-01;
        offset = -8.08471e+00;
    }
    {
        gain = 9.58065e-01;
        offset = -7.99812e+00;
    }
]
[
    {
        gain = 9.50523e-01;
        offset = -7.66865e+00;
    }
    {
        gain = 9.47476e-01;

```

```
    offset = -7.62131e+00;  
  }  
  {  
    gain = 9.51911e-01;  
    offset = -7.47182e+00;  
  }  
  {  
    gain = 9.51753e-01;  
    offset = -7.75964e+00;  
  }  
  {  
    gain = 9.55556e-01;  
    offset = -7.64845e+00;  
  }  
  {  
    gain = 9.44306e-01;  
    offset = -7.57233e+00;  
  }  
  {  
    gain = 9.52624e-01;  
    offset = -7.51302e+00;  
  }  
  {  
    gain = 9.42547e-01;  
    offset = -7.27872e+00;  
  }  
  {  
    gain = 9.50143e-01;  
    offset = -7.53409e+00;  
  }  
  {  
    gain = 9.60568e-01;  
    offset = -7.66779e+00;  
  }  
  {  
    gain = 9.59513e-01;  
    offset = -7.84431e+00;  
  }  
  {  
    gain = 9.51887e-01;  
    offset = -7.81935e+00;  
  }  
  {  
    gain = 9.53279e-01;  
    offset = -7.84558e+00;  
  }  
  {  
    gain = 9.50248e-01;  
    offset = -7.67243e+00;  
  }  
  {  
    gain = 9.52856e-01;  
    offset = -8.08471e+00;  
  }  
  {  
    gain = 9.58065e-01;  
    offset = -7.99812e+00;  
  }
```

```

    }
  ]
}
{
  bandNumber = 4L;
  gainOffsetCoefficient =
  {
    gain = 9.65490e-01;
    offset = -5.10001e+00;
  }
  lowerReflectanceLimit = 0L;
  upperReflectanceLimit = 100L;
  referenceDetector = 7L;
  useDefaultAbsCalibration = FALSE;
  numberDetectors = 16L;
  calibrationCoeffs_ =
  [
    [
      {
        gain = 9.73665e-01;
        offset = -5.27786e+00;
      }
      {
        gain = 9.54136e-01;
        offset = -5.01800e+00;
      }
      {
        gain = 9.62612e-01;
        offset = -5.07062e+00;
      }
      {
        gain = 9.60432e-01;
        offset = -5.15229e+00;
      }
      {
        gain = 9.61704e-01;
        offset = -5.05117e+00;
      }
      {
        gain = 9.52524e-01;
        offset = -5.00283e+00;
      }
      {
        gain = 9.59943e-01;
        offset = -4.93466e+00;
      }
      {
        gain = 9.53119e-01;
        offset = -4.72520e+00;
      }
      {
        gain = 9.70139e-01;
        offset = -5.21331e+00;
      }
      {
        gain = 9.60095e-01;

```

```

    offset = -4.89302e+00;
  }
  {
    gain = 9.64144e-01;
    offset = -4.99398e+00;
  }
  {
    gain = 9.68076e-01;
    offset = -5.15288e+00;
  }
  {
    gain = 9.52894e-01;
    offset = -5.12294e+00;
  }
  {
    gain = 9.72909e-01;
    offset = -5.43340e+00;
  }
  {
    gain = 9.65090e-01;
    offset = -5.12098e+00;
  }
  {
    gain = 9.68498e-01;
    offset = -5.18226e+00;
  }
]
[
  {
    gain = 9.73665e-01;
    offset = -5.27786e+00;
  }
  {
    gain = 9.54136e-01;
    offset = -5.01800e+00;
  }
  {
    gain = 9.62612e-01;
    offset = -5.07062e+00;
  }
  {
    gain = 9.60432e-01;
    offset = -5.15229e+00;
  }
  {
    gain = 9.61704e-01;
    offset = -5.05117e+00;
  }
  {
    gain = 9.52524e-01;
    offset = -5.00283e+00;
  }
  {
    gain = 9.59943e-01;
    offset = -4.93466e+00;
  }
  {

```

```

    gain = 9.53119e-01;
    offset = -4.72520e+00;
  }
  {
    gain = 9.70139e-01;
    offset = -5.21331e+00;
  }
  {
    gain = 9.60095e-01;
    offset = -4.89302e+00;
  }
  {
    gain = 9.64144e-01;
    offset = -4.99398e+00;
  }
  {
    gain = 9.68076e-01;
    offset = -5.15288e+00;
  }
  {
    gain = 9.52894e-01;
    offset = -5.12294e+00;
  }
  {
    gain = 9.72909e-01;
    offset = -5.43340e+00;
  }
  {
    gain = 9.65090e-01;
    offset = -5.12098e+00;
  }
  {
    gain = 9.68498e-01;
    offset = -5.18226e+00;
  }
]
[
  {
    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
  {
    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
  {
    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
  {
    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
  {
    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
]

```

```
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
}
[
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
```

[illegible]

[illegible]

[illegible]

```
offset = 0.000000e+00;
}
{
    gain = 1.000000e+00;
    offset = 0.000000e+00;
}
{
    gain = 1.000000e+00;
    offset = 0.000000e+00;
}
{
    gain = 1.000000e+00;
    offset = 0.000000e+00;
}
{
    gain = 1.000000e+00;
    offset = 0.000000e+00;
}
{
    gain = 1.000000e+00;
    offset = 0.000000e+00;
}
{
    gain = 1.000000e+00;
    offset = 0.000000e+00;
}
}
[
{
    gain = 9.53244e-01;
    offset = -6.93609e+00;
}
{
    gain = 9.50022e-01;
    offset = -7.52434e+00;
}
{
    gain = 9.51657e-01;
    offset = -7.54623e+00;
}
{
    gain = 9.47636e-01;
    offset = -7.59634e+00;
}
{
    gain = 9.48181e-01;
    offset = -7.38947e+00;
}
{
    gain = 9.53229e-01;
    offset = -7.78064e+00;
}
}
```

```

    gain = 9.61910e-01;
    offset = -7.65784e+00;
  }
  {
    gain = 9.57003e-01;
    offset = -7.58170e+00;
  }
  {
    gain = 9.57083e-01;
    offset = -7.50811e+00;
  }
  {
    gain = 9.50182e-01;
    offset = -7.36323e+00;
  }
  {
    gain = 9.52689e-01;
    offset = -8.01781e+00;
  }
  {
    gain = 9.62687e-01;
    offset = -7.86636e+00;
  }
  {
    gain = 9.54499e-01;
    offset = -7.70581e+00;
  }
  {
    gain = 9.59159e-01;
    offset = -7.82101e+00;
  }
  {
    gain = 9.55702e-01;
    offset = -7.45873e+00;
  }
  {
    gain = 9.51149e-01;
    offset = -7.66521e+00;
  }
]
[
  {
    gain = 9.53244e-01;
    offset = -6.93609e+00;
  }
  {
    gain = 9.50022e-01;
    offset = -7.52434e+00;
  }
  {
    gain = 9.51657e-01;
    offset = -7.54623e+00;
  }
  {
    gain = 9.47636e-01;
    offset = -7.59634e+00;
  }
]

```

```

    {
        gain = 9.48181e-01;
        offset = -7.38947e+00;
    }
    {
        gain = 9.53229e-01;
        offset = -7.78064e+00;
    }
    {
        gain = 9.61910e-01;
        offset = -7.65784e+00;
    }
    {
        gain = 9.57003e-01;
        offset = -7.58170e+00;
    }
    {
        gain = 9.57083e-01;
        offset = -7.50811e+00;
    }
    {
        gain = 9.50182e-01;
        offset = -7.36323e+00;
    }
    {
        gain = 9.52689e-01;
        offset = -8.01781e+00;
    }
    {
        gain = 9.62687e-01;
        offset = -7.86636e+00;
    }
    {
        gain = 9.54499e-01;
        offset = -7.70581e+00;
    }
    {
        gain = 9.59159e-01;
        offset = -7.82101e+00;
    }
    {
        gain = 9.55702e-01;
        offset = -7.45873e+00;
    }
    {
        gain = 9.51149e-01;
        offset = -7.66521e+00;
    }
    ]
]
}
{
    bandNumber = 6L;
    gainOffsetCoefficient =
    {
        gain = 6.68235e-02;
        offset = 0.00000e+00;
    }
}

```

```

}
lowerReflectanceLimit = 0L;
upperReflectanceLimit = 100L;
referenceDetector = 8L;
useDefaultAbsCalibration = FALSE;
numberDetectors = 8L;
calibrationCoeffs_ =
[
  [
    {
      gain = 8.66956e-01;
      offset = 2.64771e+01;
    }
    {
      gain = 8.83401e-01;
      offset = 2.46226e+01;
    }
    {
      gain = 8.58231e-01;
      offset = 2.72815e+01;
    }
    {
      gain = 8.61989e-01;
      offset = 2.67649e+01;
    }
    {
      gain = 8.43608e-01;
      offset = 2.86940e+01;
    }
    {
      gain = 8.87476e-01;
      offset = 2.40239e+01;
    }
    {
      gain = 8.42479e-01;
      offset = 2.87999e+01;
    }
    {
      gain = 8.28167e-01;
      offset = 3.02318e+01;
    }
  ]
  [
    {
      gain = 8.66956e-01;
      offset = 2.64771e+01;
    }
    {
      gain = 8.83401e-01;
      offset = 2.46226e+01;
    }
    {
      gain = 8.58231e-01;
      offset = 2.72815e+01;
    }
    {
      gain = 8.61989e-01;

```

```

        offset = 2.67649e+01;
    }
    {
        gain = 8.43608e-01;
        offset = 2.86940e+01;
    }
    {
        gain = 8.87476e-01;
        offset = 2.40239e+01;
    }
    {
        gain = 8.42479e-01;
        offset = 2.87999e+01;
    }
    {
        gain = 8.28167e-01;
        offset = 3.02318e+01;
    }
]
[
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
]
[
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }

```

```

    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    }
]
]
}
{
    bandNumber = 7L;
    gainOffsetCoefficient =
    {
        gain = 4.37255e-02;
        offset = -3.50000e-01;
    }
    lowerReflectanceLimit = 0L;
    upperReflectanceLimit = 100L;
    referenceDetector = 10L;
    useDefaultAbsCalibration = FALSE;
    numberDetectors = 16L;
    calibrationCoeffs_ =
    [
        [
            {
                gain = 1.00000e+00;
                offset = 0.00000e+00;
            }
            {
                gain = 1.00000e+00;
                offset = 0.00000e+00;
            }
            {
                gain = 1.00000e+00;
            }
        ]
    ]

```

[illegible]

[illegible]

```

        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
]
[
    {
        gain = 9.50704e-01;
        offset = -7.74940e+00;
    }
    {
        gain = 9.50476e-01;
        offset = -7.54079e+00;
    }
    {
        gain = 9.63765e-01;
        offset = -7.77139e+00;
    }
    {
        gain = 9.31923e-01;
        offset = -7.49397e+00;
    }
    {
        gain = 9.51964e-01;
        offset = -7.39301e+00;
    }
    {
        gain = 9.61486e-01;
        offset = -7.68800e+00;
    }
    {
        gain = 9.51706e-01;
        offset = -7.39089e+00;
    }
    {
        gain = 9.50252e-01;
        offset = -7.36752e+00;
    }
    {
        gain = 9.50729e-01;
        offset = -7.40431e+00;
    }
    {
        gain = 9.56551e-01;
        offset = -7.47387e+00;
    }
    {
        gain = 9.55835e-01;
        offset = -7.62364e+00;
    }
    {
        gain = 9.58300e-01;
        offset = -7.96380e+00;
    }
    {

```

```

        gain = 9.51639e-01;
        offset = -7.48803e+00;
    }
    {
        gain = 9.61628e-01;
        offset = -7.93645e+00;
    }
    {
        gain = 9.53451e-01;
        offset = -7.95275e+00;
    }
    {
        gain = 9.53281e-01;
        offset = -7.86280e+00;
    }
]
[
    {
        gain = 9.50704e-01;
        offset = -7.74940e+00;
    }
    {
        gain = 9.50476e-01;
        offset = -7.54079e+00;
    }
    {
        gain = 9.63765e-01;
        offset = -7.77139e+00;
    }
    {
        gain = 9.31923e-01;
        offset = -7.49397e+00;
    }
    {
        gain = 9.51964e-01;
        offset = -7.39301e+00;
    }
    {
        gain = 9.61486e-01;
        offset = -7.68800e+00;
    }
    {
        gain = 9.51706e-01;
        offset = -7.39089e+00;
    }
    {
        gain = 9.50252e-01;
        offset = -7.36752e+00;
    }
    {
        gain = 9.50729e-01;
        offset = -7.40431e+00;
    }
    {
        gain = 9.56551e-01;
        offset = -7.47387e+00;
    }
}

```

```

    {
        gain = 9.55835e-01;
        offset = -7.62364e+00;
    }
    {
        gain = 9.58300e-01;
        offset = -7.96380e+00;
    }
    {
        gain = 9.51639e-01;
        offset = -7.48803e+00;
    }
    {
        gain = 9.61628e-01;
        offset = -7.93645e+00;
    }
    {
        gain = 9.53451e-01;
        offset = -7.95275e+00;
    }
    {
        gain = 9.53281e-01;
        offset = -7.86280e+00;
    }
    ]
]
}
{
    bandNumber = 8L;
    gainOffsetCoefficient =
    {
        gain = 9.71765e-01;
        offset = -4.70000e+00;
    }
    lowerReflectanceLimit = 0L;
    upperReflectanceLimit = 100L;
    referenceDetector = 27L;
    useDefaultAbsCalibration = FALSE;
    numberDetectors = 32L;
    calibrationCoeffs_ =
    [
        [
            {
                gain = 9.59114e-01;
                offset = -4.49132e+00;
            }
            {
                gain = 9.66258e-01;
                offset = -4.64346e+00;
            }
            {
                gain = 9.68104e-01;
                offset = -4.71515e+00;
            }
            {
                gain = 9.67402e-01;
                offset = -4.67674e+00;
            }
        ]
    ]
}

```

```
}
{
    gain = 9.55246e-01;
    offset = -4.50032e+00;
}
{
    gain = 9.61140e-01;
    offset = -4.76898e+00;
}
{
    gain = 9.57918e-01;
    offset = -4.53949e+00;
}
{
    gain = 9.70467e-01;
    offset = -4.79113e+00;
}
{
    gain = 9.55275e-01;
    offset = -4.75432e+00;
}
{
    gain = 9.62960e-01;
    offset = -4.63672e+00;
}
{
    gain = 9.59928e-01;
    offset = -4.89415e+00;
}
{
    gain = 9.62033e-01;
    offset = -4.61271e+00;
}
{
    gain = 9.61236e-01;
    offset = -4.82768e+00;
}
{
    gain = 9.66208e-01;
    offset = -4.71856e+00;
}
{
    gain = 9.51100e-01;
    offset = -4.52356e+00;
}
{
    gain = 9.64154e-01;
    offset = -4.52357e+00;
}
{
    gain = 9.64556e-01;
    offset = -4.59965e+00;
}
{
    gain = 9.55024e-01;
    offset = -4.62974e+00;
}
}
```

```
{
  gain = 9.56248e-01;
  offset = -4.57502e+00;
}
{
  gain = 9.59847e-01;
  offset = -4.44423e+00;
}
{
  gain = 9.52130e-01;
  offset = -4.59267e+00;
}
{
  gain = 9.56959e-01;
  offset = -4.54521e+00;
}
{
  gain = 9.52288e-01;
  offset = -4.55893e+00;
}
{
  gain = 9.52857e-01;
  offset = -4.50321e+00;
}
{
  gain = 9.67327e-01;
  offset = -4.64974e+00;
}
{
  gain = 9.60270e-01;
  offset = -4.81460e+00;
}
{
  gain = 9.66351e-01;
  offset = -4.67392e+00;
}
{
  gain = 9.61534e-01;
  offset = -4.63811e+00;
}
{
  gain = 9.66490e-01;
  offset = -4.75129e+00;
}
{
  gain = 9.55699e-01;
  offset = -4.70194e+00;
}
{
  gain = 9.67785e-01;
  offset = -4.75729e+00;
}
{
  gain = 9.55600e-01;
  offset = -4.62331e+00;
}
}
```

]

```
[
{
    gain = 9.59114e-01;
    offset = -4.49132e+00;
}
{
    gain = 9.66258e-01;
    offset = -4.64346e+00;
}
{
    gain = 9.68104e-01;
    offset = -4.71515e+00;
}
{
    gain = 9.67402e-01;
    offset = -4.67674e+00;
}
{
    gain = 9.55246e-01;
    offset = -4.50032e+00;
}
{
    gain = 9.61140e-01;
    offset = -4.76898e+00;
}
{
    gain = 9.57918e-01;
    offset = -4.53949e+00;
}
{
    gain = 9.70467e-01;
    offset = -4.79113e+00;
}
{
    gain = 9.55275e-01;
    offset = -4.75432e+00;
}
{
    gain = 9.62960e-01;
    offset = -4.63672e+00;
}
{
    gain = 9.59928e-01;
    offset = -4.89415e+00;
}
{
    gain = 9.62033e-01;
    offset = -4.61271e+00;
}
{
    gain = 9.61236e-01;
    offset = -4.82768e+00;
}
{
    gain = 9.66208e-01;
    offset = -4.71856e+00;
}
}
```

```
{
    gain = 9.51100e-01;
    offset = -4.52356e+00;
}
{
    gain = 9.64154e-01;
    offset = -4.52357e+00;
}
{
    gain = 9.64556e-01;
    offset = -4.59965e+00;
}
{
    gain = 9.55024e-01;
    offset = -4.62974e+00;
}
{
    gain = 9.56248e-01;
    offset = -4.57502e+00;
}
{
    gain = 9.59847e-01;
    offset = -4.44423e+00;
}
{
    gain = 9.52130e-01;
    offset = -4.59267e+00;
}
{
    gain = 9.56959e-01;
    offset = -4.54521e+00;
}
{
    gain = 9.52288e-01;
    offset = -4.55893e+00;
}
{
    gain = 9.52857e-01;
    offset = -4.50321e+00;
}
{
    gain = 9.67327e-01;
    offset = -4.64974e+00;
}
{
    gain = 9.60270e-01;
    offset = -4.81460e+00;
}
{
    gain = 9.66351e-01;
    offset = -4.67392e+00;
}
{
    gain = 9.61534e-01;
    offset = -4.63811e+00;
}
}
```

[illegible]

[illegible]

```
[
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
]
[
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
]
```

[illegible]

```

        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    ]
]
}
{
bandNumber = 9L;
gainOffsetCoefficient =
{
    gain = 3.70588e-02;
    offset = 3.20000e+00;
}
}

```

```

lowerReflectanceLimit = 0L;
upperReflectanceLimit = 100L;
referenceDetector = 8L;
useDefaultAbsCalibration = FALSE;
numberDetectors = 8L;
calibrationCoeffs_ =
[
  [
    {
      gain = 1.00000e+00;
      offset = 0.00000e+00;
    }
    {
      gain = 1.00000e+00;
      offset = 0.00000e+00;
    }
    {
      gain = 1.00000e+00;
      offset = 0.00000e+00;
    }
    {
      gain = 1.00000e+00;
      offset = 0.00000e+00;
    }
    {
      gain = 1.00000e+00;
      offset = 0.00000e+00;
    }
    {
      gain = 1.00000e+00;
      offset = 0.00000e+00;
    }
    {
      gain = 1.00000e+00;
      offset = 0.00000e+00;
    }
    {
      gain = 1.00000e+00;
      offset = 0.00000e+00;
    }
  ]
  [
    {
      gain = 1.00000e+00;
      offset = 0.00000e+00;
    }
    {
      gain = 1.00000e+00;
      offset = 0.00000e+00;
    }
    {
      gain = 1.00000e+00;
      offset = 0.00000e+00;
    }
    {
      gain = 1.00000e+00;
      offset = 0.00000e+00;
    }
  ]
]

```

```

    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    ]
    [
        {
            gain = 9.43820e-01;
            offset = 3.74471e+00;
        }
        {
            gain = 9.57569e-01;
            offset = 2.24266e+00;
        }
        {
            gain = 9.31588e-01;
            offset = 4.97770e+00;
        }
        {
            gain = 9.34355e-01;
            offset = 4.44726e+00;
        }
        {
            gain = 9.17590e-01;
            offset = 6.13078e+00;
        }
        {
            gain = 9.66914e-01;
            offset = 8.14332e-01;
        }
        {
            gain = 9.13826e-01;
            offset = 6.46101e+00;
        }
        {
            gain = 8.98561e-01;
            offset = 7.84056e+00;
        }
    ]
    [
        {
            gain = 9.43820e-01;
            offset = 3.74471e+00;
        }
    ]

```

```
{
    {
        gain = 9.57569e-01;
        offset = 2.24266e+00;
    }
    {
        gain = 9.31588e-01;
        offset = 4.97770e+00;
    }
    {
        gain = 9.34355e-01;
        offset = 4.44726e+00;
    }
    {
        gain = 9.17590e-01;
        offset = 6.13078e+00;
    }
    {
        gain = 9.66914e-01;
        offset = 8.14332e-01;
    }
    {
        gain = 9.13826e-01;
        offset = 6.46101e+00;
    }
    {
        gain = 8.98561e-01;
        offset = 7.84056e+00;
    }
}
]
}
]
}
}
}
}
}
=====
RadQa.input:
=====
{
    commonChildInputParams =
    {
        productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003017500001/Product_";
        reportName = "RadQa.report";
    }
    MeasureBandSaturation = TRUE;
    ImagePathname =
"/usr1/nlaps/RT/workorders/011011003017500001/Product__OPR_MsResampler.tif";
    MeasureDetectorStriping = TRUE;
    satellite = "LS7 ";
    sensor = "ETMP";
}
=====
RadQa.report:
=====
{
    ReportHeader =
```

```

{
  ReportName = "RadiometricQA_Report";
  VersionNumber = 1.0000000000000000e+00;
  WorkOrderId = "011011003017500001";
  StartTime = "Mon Oct 15 10:40:10 2001";
  StartTimeRecord =
  {
    year = 2001;
    month = 10;
    day = 15;
    hour = 10;
    minute = 40;
    sec = 10;
    usec = 0;
    time_system = 2;
  }
  CompletionTime = "Mon Oct 15 10:40:11 2001";
  CompletionTimeRecord =
  {
    year = 2001;
    month = 10;
    day = 15;
    hour = 10;
    minute = 40;
    sec = 11;
    usec = 0;
    time_system = 2;
  }
  CpuTime = 6.1000000000000000e-01;
}
BandSaturationCounts =
[
  {
    Band = 1L;
    NumSaturatedPixels = 0.0000000000000000e+00;
    PercentSaturatedPixels = 0.0000000000000000e+00;
  }
  {
    Band = 2L;
    NumSaturatedPixels = 0.0000000000000000e+00;
    PercentSaturatedPixels = 0.0000000000000000e+00;
  }
  {
    Band = 3L;
    NumSaturatedPixels = 0.0000000000000000e+00;
    PercentSaturatedPixels = 0.0000000000000000e+00;
  }
  {
    Band = 4L;
    NumSaturatedPixels = 0.0000000000000000e+00;
    PercentSaturatedPixels = 0.0000000000000000e+00;
  }
  {
    Band = 5L;
    NumSaturatedPixels = 0.0000000000000000e+00;
    PercentSaturatedPixels = 0.0000000000000000e+00;
  }
]

```

```

{
    Band = 6L;
    NumSaturatedPixels = 0.000000000000000e+00;
    PercentSaturatedPixels = 0.000000000000000e+00;
}
{
    Band = 7L;
    NumSaturatedPixels = 0.000000000000000e+00;
    PercentSaturatedPixels = 0.000000000000000e+00;
}
{
    Band = 8L;
    NumSaturatedPixels = 0.000000000000000e+00;
    PercentSaturatedPixels = 0.000000000000000e+00;
}
{
    Band = 9L;
    NumSaturatedPixels = 0.000000000000000e+00;
    PercentSaturatedPixels = 0.000000000000000e+00;
}
]
StripingMeasurement =
{
    BandMeasurements =
    [
        {
            Band = 1L;
            BandStriping = 2.155380035821177e-01;
        }
        {
            Band = 2L;
            BandStriping = 3.443247870473172e-01;
        }
        {
            Band = 3L;
            BandStriping = 7.803104962748750e-01;
        }
        {
            Band = 4L;
            BandStriping = 5.012594912909951e-01;
        }
        {
            Band = 5L;
            BandStriping = 1.017960906140284e+00;
        }
        {
            Band = 6L;
            BandStriping = 3.043770348714174e-01;
        }
        {
            Band = 7L;
            BandStriping = 9.484319555999322e-01;
        }
        {
            Band = 8L;
            BandStriping = 1.878903323032478e-01;
        }
    ]
}

```

```

    {
        Band = 9L;
        BandStriping = 5.454065652170057e-01;
    }
]
ChipMeasurements =
[
    {
        Band = 1L;
        Lines = 128L;
        PixelsPerLine = 128L;
        CentreLineAttr = 1.197599975585938e+03;
        CentrePixelAttr = 1.268000000000000e+03;
        Mean = 9.313488769531250e+01;
        StandardDeviation = 3.678859672243431e+00;
        ChipStriping = 1.978018627615473e-01;
    }
    {
        Band = 1L;
        Lines = 128L;
        PixelsPerLine = 128L;
        CentreLineAttr = 2.394199951171875e+03;
        CentrePixelAttr = 2.535000000000000e+03;
        Mean = 1.008934326171875e+02;
        StandardDeviation = 4.483636215375773e+00;
        ChipStriping = 2.038303918625738e-01;
    }
    {
        Band = 1L;
        Lines = 128L;
        PixelsPerLine = 128L;
        CentreLineAttr = 3.590800048828125e+03;
        CentrePixelAttr = 3.802000244140625e+03;
        Mean = 8.675042724609375e+01;
        StandardDeviation = 5.692254002347815e+00;
        ChipStriping = 2.983956180764142e-01;
    }
    {
        Band = 1L;
        Lines = 128L;
        PixelsPerLine = 128L;
        CentreLineAttr = 4.787399902343750e+03;
        CentrePixelAttr = 5.069000000000000e+03;
        Mean = 8.782537841796875e+01;
        StandardDeviation = 3.076135383873925e+00;
        ChipStriping = 1.621241416279353e-01;
    }
    {
        Band = 2L;
        Lines = 128L;
        PixelsPerLine = 128L;
        CentreLineAttr = 1.197599975585938e+03;
        CentrePixelAttr = 1.268000000000000e+03;
        Mean = 8.011096191406250e+01;
        StandardDeviation = 6.886815364157780e+00;
        ChipStriping = 4.648548483328297e-01;
    }
]

```

```

{
  Band = 2L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 2.394199951171875e+03;
  CentrePixelAttr = 2.535000000000000e+03;
  Mean = 9.408587646484375e+01;
  StandardDeviation = 4.827978088325801e+00;
  ChipStriping = 3.148975382343838e-01;
}
{
  Band = 2L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 3.590800048828125e+03;
  CentrePixelAttr = 3.802000244140625e+03;
  Mean = 7.561987304687500e+01;
  StandardDeviation = 5.752592285084114e+00;
  ChipStriping = 3.391905600016039e-01;
}
{
  Band = 2L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 4.787399902343750e+03;
  CentrePixelAttr = 5.069000000000000e+03;
  Mean = 7.781689453125000e+01;
  StandardDeviation = 4.544805389996774e+00;
  ChipStriping = 2.583562016204515e-01;
}
{
  Band = 3L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 1.197599975585938e+03;
  CentrePixelAttr = 1.268000000000000e+03;
  Mean = 9.636932373046875e+01;
  StandardDeviation = 1.399558122637646e+01;
  ChipStriping = 1.112877045669474e+00;
}
{
  Band = 3L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 2.394199951171875e+03;
  CentrePixelAttr = 2.535000000000000e+03;
  Mean = 1.178892211914062e+02;
  StandardDeviation = 5.191224329310523e+00;
  ChipStriping = 5.013986076674792e-01;
}
{
  Band = 3L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 3.590800048828125e+03;
  CentrePixelAttr = 3.802000244140625e+03;
  Mean = 7.907812500000000e+01;

```

```

StandardDeviation = 1.517846662212700e+01;
ChipStriping = 1.037750492609346e+00;
}
{
Band = 3L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 4.787399902343750e+03;
CentrePixelAttr = 5.069000000000000e+03;
Mean = 9.421099853515625e+01;
StandardDeviation = 7.600334828686566e+00;
ChipStriping = 4.692158391532004e-01;
}
{
Band = 4L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 1.197599975585938e+03;
CentrePixelAttr = 1.268000000000000e+03;
Mean = 5.807708740234375e+01;
StandardDeviation = 1.045751178518702e+01;
ChipStriping = 6.870595700746216e-01;
}
{
Band = 4L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 2.394199951171875e+03;
CentrePixelAttr = 2.535000000000000e+03;
Mean = 7.094763183593750e+01;
StandardDeviation = 4.208909416858884e+00;
ChipStriping = 2.118416032415725e-01;
}
{
Band = 4L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 3.590800048828125e+03;
CentrePixelAttr = 3.802000244140625e+03;
Mean = 9.557257080078125e+01;
StandardDeviation = 1.506777039289688e+01;
ChipStriping = 8.629378480718650e-01;
}
{
Band = 4L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 4.787399902343750e+03;
CentrePixelAttr = 5.069000000000000e+03;
Mean = 6.417614746093750e+01;
StandardDeviation = 2.575441359568885e+00;
ChipStriping = 2.431989437759213e-01;
}
{
Band = 5L;
Lines = 128L;
PixelsPerLine = 128L;

```

```

CentreLineAttr = 1.197599975585938e+03;
CentrePixelAttr = 1.268000000000000e+03;
Mean = 1.171617431640625e+02;
StandardDeviation = 3.400302360721312e+01;
ChipStriping = 2.025234118196016e+00;
}
{
Band = 5L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 2.394199951171875e+03;
CentrePixelAttr = 2.535000000000000e+03;
Mean = 1.384249267578125e+02;
StandardDeviation = 6.189560844420549e+00;
ChipStriping = 5.700143524200032e-01;
}
{
Band = 5L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 3.590800048828125e+03;
CentrePixelAttr = 3.802000244140625e+03;
Mean = 1.121643676757812e+02;
StandardDeviation = 1.298971996269613e+01;
ChipStriping = 1.255762423169035e+00;
}
{
Band = 5L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 4.787399902343750e+03;
CentrePixelAttr = 5.069000000000000e+03;
Mean = 1.134687500000000e+02;
StandardDeviation = 4.806870772375148e+00;
ChipStriping = 2.208327307760827e-01;
}
{
Band = 6L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 5.992000122070312e+02;
CentrePixelAttr = 6.344000244140625e+02;
Mean = 1.626181640625000e+02;
StandardDeviation = 7.928215484042647e+00;
ChipStriping = 6.119812265861673e-01;
}
{
Band = 6L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 1.197400024414062e+03;
CentrePixelAttr = 1.267800048828125e+03;
Mean = 1.595091552734375e+02;
StandardDeviation = 2.650537268925659e+00;
ChipStriping = 2.703636712791630e-01;
}
{

```

```

    Band = 6L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.795600097656250e+03;
    CentrePixelAttr = 1.901200073242188e+03;
    Mean = 1.410134277343750e+02;
    StandardDeviation = 5.359384158602082e+00;
    ChipStriping = 1.427041221538541e-01;
}
{
    Band = 6L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.393800048828125e+03;
    CentrePixelAttr = 2.534600097656250e+03;
    Mean = 1.448704223632812e+02;
    StandardDeviation = 2.086463096743831e+00;
    ChipStriping = 1.924591194664854e-01;
}
{
    Band = 7L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.197599975585938e+03;
    CentrePixelAttr = 1.268000000000000e+03;
    Mean = 9.033325195312500e+01;
    StandardDeviation = 2.637622715481654e+01;
    ChipStriping = 1.508450320260354e+00;
}
{
    Band = 7L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.394199951171875e+03;
    CentrePixelAttr = 2.535000000000000e+03;
    Mean = 1.122431640625000e+02;
    StandardDeviation = 9.328630903317725e+00;
    ChipStriping = 8.461395541726302e-01;
}
{
    Band = 7L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 3.590800048828125e+03;
    CentrePixelAttr = 3.802000244140625e+03;
    Mean = 6.969580078125000e+01;
    StandardDeviation = 1.169497991074969e+01;
    ChipStriping = 1.044938947719377e+00;
}
{
    Band = 7L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 4.787399902343750e+03;
    CentrePixelAttr = 5.069000000000000e+03;
    Mean = 8.170513916015625e+01;
    StandardDeviation = 5.065670221360453e+00;
}

```

```

    ChipStriping = 3.941990002473684e-01;
}
{
    Band = 8L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.394400146484375e+03;
    CentrePixelAttr = 2.536800048828125e+03;
    Mean = 6.216735839843750e+01;
    StandardDeviation = 3.795194479613803e+00;
    ChipStriping = 2.123132129615688e-01;
}
{
    Band = 8L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 4.787800292968750e+03;
    CentrePixelAttr = 5.072600097656250e+03;
    Mean = 7.639385986328125e+01;
    StandardDeviation = 6.831119447064413e-01;
    ChipStriping = 5.308980508790376e-02;
}
{
    Band = 8L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 7.181200195312500e+03;
    CentrePixelAttr = 7.608400390625000e+03;
    Mean = 7.497900390625000e+01;
    StandardDeviation = 4.173912750800000e+00;
    ChipStriping = 2.979041015750001e-01;
}
{
    Band = 8L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 9.574600585937500e+03;
    CentrePixelAttr = 1.014420019531250e+04;
    Mean = 6.872393798828125e+01;
    StandardDeviation = 3.521401000239230e+00;
    ChipStriping = 1.882542095885186e-01;
}
{
    Band = 9L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 5.992000122070312e+02;
    CentrePixelAttr = 6.344000244140625e+02;
    Mean = 2.072224121093750e+02;
    StandardDeviation = 1.431783418286705e+01;
    ChipStriping = 1.094864850978042e+00;
}
{
    Band = 9L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.197400024414062e+03;

```

```

    CentrePixelAttr = 1.267800048828125e+03;
    Mean = 2.016199951171875e+02;
    StandardDeviation = 4.789900463716099e+00;
    ChipStriping = 4.682302666964467e-01;
}
{
    Band = 9L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.795600097656250e+03;
    CentrePixelAttr = 1.901200073242188e+03;
    Mean = 1.682377319335938e+02;
    StandardDeviation = 9.667045888107085e+00;
    ChipStriping = 2.726627881808774e-01;
}
{
    Band = 9L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.393800048828125e+03;
    CentrePixelAttr = 2.534600097656250e+03;
    Mean = 1.751874389648438e+02;
    StandardDeviation = 3.746477443051083e+00;
    ChipStriping = 3.458683550126569e-01;
}
]
}
Evaluation =
[
    {
        Band = 1L;
        StripingTolerance = 1.000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 2L;
        StripingTolerance = 1.000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 3L;
        StripingTolerance = 1.000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 4L;
        StripingTolerance = 1.000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 5L;
        StripingTolerance = 1.000000000000000e+00;
        BandPassed = FALSE;
    }
    {
        Band = 6L;
        StripingTolerance = 1.000000000000000e+00;
    }

```

```

        BandPassed = TRUE;
    }
    {
        Band = 7L;
        StripingTolerance = 1.0000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 8L;
        StripingTolerance = 1.0000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 9L;
        StripingTolerance = 1.0000000000000000e+00;
        BandPassed = TRUE;
    }
}
]
}
=====
BlacklineQa.input:
=====
{
    commonChildInputParams =
    {
        productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003017500001/Product_";
        reportName = "BlacklineQa.report";
    }
    ImagePathname =
"/usr1/nlaps/RT/workorders/011011003017500001/Product__OPR_MsResampler.tif";
}
=====
GeoQa.input:
=====
{
    commonChildInputParams =
    {
        inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500001/Input_";
        productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003017500001/Product_";
        outputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500001/Output_";
        reportName = "GeoQa.report";
    }
    MeasureBandSaturation = TRUE;
    MeasureDetectorStriping = FALSE;
    EvaluationRequired = TRUE;
    ImagePathname =
"/usr1/nlaps/RT/workorders/011011003017500001/Product__OPR_MsResampler.tif";
    DoAutomaticQaMarking = TRUE;
    ForceManualQaMarking = TRUE;
    demCorrected = TRUE;
    elevCorrected = FALSE;
    baseElevCorrected = FALSE;
}
=====
GeoQa.report:

```

```

=====
{
  ReportHeader =
  {
    ReportName = "GeometricQA_Report";
    VersionNumber = 1.0000000000000000e+00;
    WorkOrderId = "011011003017500001";
    StartTime = "Mon Oct 15 10:40:14 2001";
    StartTimeRecord =
    {
      year = 2001;
      month = 10;
      day = 15;
      hour = 10;
      minute = 40;
      sec = 14;
      usec = 0;
      time_system = 2;
    }
    CompletionTime = "Mon Oct 15 11:06:49 2001";
    CompletionTimeRecord =
    {
      year = 2001;
      month = 10;
      day = 15;
      hour = 11;
      minute = 6;
      sec = 49;
      usec = 0;
      time_system = 2;
    }
    CpuTime = 1.1010000000000000e+01;
  }
  NumQaControlPoints = 10L;
  Mean =
  {
    AlongTrack = 6.727520942687988e+00;
    AcrossTrack = -5.465742111206055e+00;
    Height = 0.0000000000000000e+00;
    Combined = 8.667980194091797e+00;
  }
  StandardDeviation =
  {
    AlongTrack = 8.792760848999023e+00;
    AcrossTrack = 1.015902042388916e+01;
    Height = 0.0000000000000000e+00;
    Combined = 1.343571090698242e+01;
  }
  MeasuredAbsoluteError =
  {
    AlongTrack = 1.107123184204102e+01;
    AcrossTrack = 1.153603172302246e+01;
    Height = 0.0000000000000000e+00;
    Combined = 1.598912715911865e+01;
  }
  MapAndDigitizationError = 1.217205149084308e+01;
  MarkingError = 7.5000000000000000e+00;
}

```

```

AbsoluteProductAccuracy =
{
    AlongTrack = 0.000000000000000e+00;
    AcrossTrack = 0.000000000000000e+00;
    Height = 0.000000000000000e+00;
    Combined = 0.000000000000000e+00;
}
RelativeProductAccuracy =
{
    AlongTrack = 0.000000000000000e+00;
    AcrossTrack = 0.000000000000000e+00;
    Height = 0.000000000000000e+00;
    Combined = 0.000000000000000e+00;
}
Evaluation =
{
    AbsoluteTolerance = 1.500000000000000e+01;
    RelativeTolerance = 1.500000000000000e+01;
    PassedGeometricQa = TRUE;
}
ControlPointSummary =
[
    {
        CpNumber = 9673L;
        CpKind = "SCP";
        AutoMarked = FALSE;
        MarkedImageCoordLine = 6.632997558593750e+03;
        MarkedImageCoordPixel = 3.996971923828125e+03;
        GeodeticLatitude = 4.520408944568277e+01;
        GeodeticLongitude = -1.192664520999053e+02;
        Height = 1.585000052353367e+03;
        EarthModelName = "NAD83";
        AlongTrackResidual = -9.824457348963866e+00;
        AcrossTrackResidual = 1.017278852598561e+01;
        HeightResidual = 0.000000000000000e+00;
        CombinedResidual = 1.414233320905835e+01;
    }
    {
        CpNumber = 9330L;
        CpKind = "RCP";
        AutoMarked = FALSE;
        MarkedImageCoordLine = 5.722201660156250e+03;
        MarkedImageCoordPixel = 2.192654296875000e+03;
        GeodeticLatitude = 4.545519769436810e+01;
        GeodeticLongitude = -1.199527834109344e+02;
        Height = 4.259999999403954e+02;
        EarthModelName = "NAD83";
        AlongTrackResidual = 9.995398566976482e+00;
        AcrossTrackResidual = 1.915802912527382e-01;
        HeightResidual = 0.000000000000000e+00;
        CombinedResidual = 9.997234393606663e+00;
    }
    {
        CpNumber = 9263L;
        CpKind = "RCP";
        AutoMarked = FALSE;
        MarkedImageCoordLine = 3.896857910156250e+03;
    }
]

```

```

    MarkedImageCoordPixel = 5.319256347656250e+03;
    GeodeticLatitude = 4.593553399019890e+01;
    GeodeticLongitude = -1.187380908018457e+02;
    Height = 5.737949999170378e+02;
    EarthModelName = "NAD83";
    AlongTrackResidual = -3.757079327540538e-01;
    AcrossTrackResidual = -2.000413141525688e+01;
    HeightResidual = 0.000000000000000e+00;
    CombinedResidual = 2.000765928662324e+01;
}
{
    CpNumber = 9260L;
    CpKind = "RCP";
    AutoMarked = FALSE;
    MarkedImageCoordLine = 5.408395019531250e+03;
    MarkedImageCoordPixel = 4.899541015625000e+03;
    GeodeticLatitude = 4.552991295095513e+01;
    GeodeticLongitude = -1.189124905557010e+02;
    Height = 6.100769999157637e+02;
    EarthModelName = "NAD83";
    AlongTrackResidual = 2.000200144917964e+01;
    AcrossTrackResidual = -3.943999367958333e-01;
    HeightResidual = 0.000000000000000e+00;
    CombinedResidual = 2.000588946493329e+01;
}
{
    CpNumber = 9248L;
    CpKind = "SCP";
    AutoMarked = FALSE;
    MarkedImageCoordLine = 4.732301757812500e+03;
    MarkedImageCoordPixel = 4.508380432128906e+02;
    GeodeticLatitude = 4.572364649399847e+01;
    GeodeticLongitude = -1.206213481976498e+02;
    Height = 1.927770535899326e+02;
    EarthModelName = "NAD83";
    AlongTrackResidual = 9.993878266350613e+00;
    AcrossTrackResidual = 2.103287453493152e-01;
    HeightResidual = 0.000000000000000e+00;
    CombinedResidual = 9.996091285285232e+00;
}
{
    CpNumber = 9107L;
    CpKind = "SCP";
    AutoMarked = FALSE;
    MarkedImageCoordLine = 1.831298217773438e+03;
    MarkedImageCoordPixel = 2.323348388671875e+03;
    GeodeticLatitude = 4.650507753852064e+01;
    GeodeticLongitude = -1.198910168665050e+02;
    Height = 4.260000549452379e+02;
    EarthModelName = "NAD83";
    AlongTrackResidual = 1.000947840579688e+01;
    AcrossTrackResidual = -9.987341710019077e+00;
    HeightResidual = 0.000000000000000e+00;
    CombinedResidual = 1.413989577008264e+01;
}
{
    CpNumber = 9041L;

```

```

CpKind = "RCP";
AutoMarked = FALSE;
MarkedImageCoordLine = 3.109930908203125e+03;
MarkedImageCoordPixel = 5.933531250000000e+03;
GeodeticLatitude = 4.614375277222048e+01;
GeodeticLongitude = -1.184929819849344e+02;
Height = 2.439999999627471e+02;
EarthModelName = "NAD83";
AlongTrackResidual = 2.011614385885172e+01;
AcrossTrackResidual = -9.783052841860528e+00;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 2.236889283484217e+01;
}
{
CpNumber = 9038L;
CpKind = "RCP";
AutoMarked = FALSE;
MarkedImageCoordLine = 3.534826171875000e+03;
MarkedImageCoordPixel = 3.080962890625000e+03;
GeodeticLatitude = 4.604341607599859e+01;
GeodeticLongitude = -1.196023207772394e+02;
Height = 2.682439999608323e+02;
EarthModelName = "NAD83";
AlongTrackResidual = 4.151360013766259e-01;
AcrossTrackResidual = -1.999354023531940e+01;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 1.999784961041998e+01;
}
{
CpNumber = 8971L;
CpKind = "RCP";
AutoMarked = TRUE;
MarkedImageCoordLine = 1.769491088867188e+03;
MarkedImageCoordPixel = 3.233849121093750e+03;
GeodeticLatitude = 4.651935695380070e+01;
GeodeticLongitude = -1.195347907594483e+02;
Height = 2.093975996486843e+02;
EarthModelName = "NAD83";
AlongTrackResidual = 3.657092639808406e+00;
AcrossTrackResidual = -1.299583658077112e+01;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 1.350059609833024e+01;
}
{
CpNumber = 8826L;
CpKind = "SCP";
AutoMarked = TRUE;
MarkedImageCoordLine = 1.549769653320312e+03;
MarkedImageCoordPixel = 5.771687988281250e+03;
GeodeticLatitude = 4.656599639185301e+01;
GeodeticLongitude = -1.185409397088230e+02;
Height = 1.826070551304147e+02;
EarthModelName = "NAD83";
AlongTrackResidual = 3.286243985070405e+00;
AcrossTrackResidual = 7.926181742864352e+00;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 8.580428692689404e+00;
}

```

```

    }
  ]
}
=====
ProductFormatting_0.input:
=====
{
  commonChildInputParams =
  {
    inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500001/Input_";
    productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003017500001/Product_";
    outputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500001/";
    reportName = "ProductFormatting_0.report";
  }
  imagePathname =
"/usr1/nlaps/RT/workorders/011011003017500001/Product__OPR_MsResampler.tif";
  demPathname ?=
"/usr1/nlaps/RT/workorders/011011003017500001/DEM__OPR_WarpResampler.tif";
  productLocation = "/usr1/nlaps/RT/workorders/011011003017500001/";
  commonFormattingParams =
  {
    satellite = "LS7 ";
    sensor = "ETMP";
    dataStartTime =
    {
      year = 2000;
      month = 7;
      day = 9;
      hour = 18;
      minute = 35;
      sec = 13;
      usec = 0;
      time_system = 2;
    }
    inputMediumType = 4;
    processingLevel = 3;
    standardProductProcessingLevel = "Precision Geocorrection";
    performRadiometricCorrection = TRUE;
    radiometricAlgorithm = 1;
    resamplingKernel ?= "CC";
    performDEM_Correction = TRUE;
    performElevationCorrection = FALSE;
    performAtmosphericCorrection = FALSE;
    mapProjectionParams =
    {
      projDescription =
      {
        projName = "SPCS";
        projection = 2;
        projCoeffs =
        [
          0.0000000000000000e+00;
          0.0000000000000000e+00;
          0.0000000000000000e+00;
          0.0000000000000000e+00;
          0.0000000000000000e+00;
        ]
      }
    }
  }
}

```

```

0.0000000000000000e+00;
0.0000000000000000e+00;
0.0000000000000000e+00;
0.0000000000000000e+00;
0.0000000000000000e+00;
0.0000000000000000e+00;
0.0000000000000000e+00;
0.0000000000000000e+00;
0.0000000000000000e+00;
0.0000000000000000e+00;
0.0000000000000000e+00;
0.0000000000000000e+00;
]
referenceSpheroid =
{
  earth_spheroid_name = "NAD83";
  semimajor_axis = 6.378137000000000e+06;
  eccentricity_squared = 6.694380022900790e-03;
  earth_centre_offset =
  {
    lowerB = 1;
    upperB = 3;
    Bstore =
    [
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
    ]
  }
  ellipsoidCode = 7019;
}
}
GCTPZone = 4602;
}
inputLimits =
{
  inputLimits =
  [
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
    }
  ]
}

```

```

        startLine = 1;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 1;
        endLine = 2992;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 12672;
        startLine = 1;
        endLine = 11968;
    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 1;
        endLine = 2992;
    }
    ]
}
quadrant = 5;
path = 44;
row = 28;
sceneShift ?= 0.0000000000000000e+00F;
outputMediumData =
{
    formatOrganization = 1;
    formatAgencyType = 0;
    outputMediaTypes = 10;
}
outputBandList =
{
    numBands = 9;
    bandsUsed =
    [
        1;
        2;
        3;
        4;
        5;
        6;
        7;
    ]
}

```

```

        8;
        9;
    ]
}
}
formatSpecificInfo =
{
    numberOfScenes = 1.0000000000000000e+00F;
    orientation = 1;
    productSequenceNumber = 123;
    geometricOutline ?= 2;
    writeDem ?= FALSE;
    inputDataFormat ?= 26;
    inputDatasetId ?=
"/diskIngest3/temp/01101100301750001/L72EDC180019118010_HDF.012851717";
}
}
=====
ProductFormatting_0.output:
=====
{
    ReportHeader =
    {
        ReportName = "ProductFormattingReport";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "011011003017500001";
        StartTime = "Mon Oct 15 11:06:51 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 11;
            minute = 6;
            sec = 51;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Mon Oct 15 11:07:44 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 11;
            minute = 7;
            sec = 44;
            usec = 0;
            time_system = 2;
        }
        CpuTime = 1.8470000000000000e+01;
    }
    OutputFormat = "NDF";
    ImageOrganization = "BSQ";
    OutputPixelHeight = 3.0000000000000000e+01F;
    OutputPixelWidth = 3.0000000000000000e+01F;
    OutputBands =

```

```

[
  1L;
  2L;
  3L;
  4L;
  5L;
  6L;
  7L;
  8L;
  9L;
]
SceneCentreDateTime =
{
  year = 2000;
  month = 7;
  day = 9;
  hour = 18;
  minute = 35;
  sec = 13;
  usec = 44749;
  time_system = 2;
}
SceneStartDateTime =
{
  year = 2000;
  month = 7;
  day = 9;
  hour = 18;
  minute = 34;
  sec = 59;
  usec = 673692;
  time_system = 2;
}
SceneEndDateTime =
{
  year = 2000;
  month = 7;
  day = 9;
  hour = 18;
  minute = 35;
  sec = 26;
  usec = 507566;
  time_system = 2;
}
SceneCentreLatLong =
{
  Latitude = 4.603060570488334e+01;
  Longitude = -1.193374956608774e+02;
}
TopLeftLatLong =
{
  Latitude = 4.700038651551658e+01;
  Longitude = -1.208016406181069e+02;
}
TopRightLatLong =
{
  Latitude = 4.696991197987347e+01;

```

```

    Longitude = -1.178326550163373e+02;
}
BottomLeftLatLong =
{
    Latitude = 4.507197322595872e+01;
    Longitude = -1.207912339770406e+02;
}
BottomRightLatLong =
{
    Latitude = 4.504254914475835e+01;
    Longitude = -1.179246130648368e+02;
}
TopLeftMap =
{
    Northing = 1.853399999999925e+05;
    Easting = 4.770599999999995e+05;
}
TopRightMap =
{
    Northing = 1.853399999999935e+05;
    Easting = 7.029300000000005e+05;
}
BottomLeftMap =
{
    Northing = -2.9010000000000838e+04;
    Easting = 4.770599999999999e+05;
}
BottomRightMap =
{
    Northing = -2.9010000000000838e+04;
    Easting = 7.029300000000008e+05;
}
ImageLines = 7146L;
ImagePixels = 7530L;
ImageOrientation = 0.000000000000000e+00;
OffNadirAngle = -6.196424597467064e-02;
SunElevation = 6.046810314400736e+01;
SunAzimuth = 1.356418662383425e+02;
NumberOfVolumes = 1;
MediaIdList =
[
    "";
]
OrbitNumber = 86998;
StartFileNumber = 1;
NumberOfFiles = 13;
ProductSize = 5.388375883102417e+02;
SatelliteData =
[
    {
        Time =
        {
            year = 2000L;
            month = 7L;
            day = 9L;
            hour = 18L;
            minute = 34L;

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```

    sec = 59L;
    usec = 673692L;
    time_system = 2L;
}
OrbitState =
{
    Latitude = 4.663352634320376e+01;
    Longitude = -1.190393100764018e+02;
    Radius = 7.075540854379610e+06;
}
AttitudeState =
{
    Roll = -1.521709230191857e-04;
    Pitch = 4.387284072265481e-04;
    Yaw = -1.317471957270824e-04;
}
}
{
    Time =
    {
        year = 2000L;
        month = 7L;
        day = 9L;
        hour = 18L;
        minute = 35L;
        sec = 13L;
        usec = 44749L;
        time_system = 2L;
    }
    OrbitState =
    {
        Latitude = 4.583822035729415e+01;
        Longitude = -1.193370593294030e+02;
        Radius = 7.075663472676029e+06;
    }
    AttitudeState =
    {
        Roll = -1.483236233444688e-04;
        Pitch = 4.198717032353266e-04;
        Yaw = -1.377587580433661e-04;
    }
}
{
    Time =
    {
        year = 2000L;
        month = 7L;
        day = 9L;
        hour = 18L;
        minute = 35L;
        sec = 26L;
        usec = 507566L;
        time_system = 2L;
    }
    OrbitState =
    {
        Latitude = 4.503696826838100e+01;

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```

        Longitude = -1.196299543868740e+02;
        Radius = 7.075788264431192e+06;
    }
    AttitudeState =
    {
        Roll = -1.135503818247547e-04;
        Pitch = 4.630673954655969e-04;
        Yaw = -1.695396633461630e-04;
    }
}
]
procImageryFileInfo =
[
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500001/011011003017500001I.hdr1";
        procImageryFileSize = 1982L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500001/011011003017500001_I1.dat";
        procImageryFileSize = 215237520L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500001/011011003017500001I.hdr2";
        procImageryFileSize = 2708L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500001/011011003017500001_I2.dat";
        procImageryFileSize = 53809380L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500001/011011003017500001_I3.dat";
        procImageryFileSize = 53809380L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500001/011011003017500001_I4.dat";
        procImageryFileSize = 53809380L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500001/011011003017500001_I5.dat";
        procImageryFileSize = 53809380L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500001/011011003017500001_I6.dat";
        procImageryFileSize = 53809380L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500001/011011003017500001_I7.dat";
        procImageryFileSize = 53809380L;
    }
]

```

```

    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500001/011011003017500001I.hdr3";
        procImageryFileSize = 2126L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500001/011011003017500001_I8.dat";
        procImageryFileSize = 13452345L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500001/011011003017500001_I9.dat";
        procImageryFileSize = 13452345L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500001/L71044028_02820000709_MTL.txt";
        procImageryFileSize = 6857L;
    }
}
]
}
=====
Browse.input:
=====
{
    commonChildInputParams =
    {
        inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500001/Input_";
        reportName = "Browse.report";
    }
    inputImageFileName =
"/usr1/nlaps/RT/workorders/011011003017500001/Product__OPR_MsResampler.tif";
    metaDataFormatType = 2;
    produceBrowseImages = FALSE;
    productDropBoxDirectory = "/usr1/nlaps/RT/workorders/011011003017500001";
    productRelativeImageLocation = "./011011003017500001_";
    productRelativeMetaDataLocation = "./011011003017500001_";
    archiveFiles = FALSE;
    destinationLocation =
    {
        dropBoxDirectory = "/usr1/nlaps/RT/workorders/011011003017500001";
        relativeBrowseImageLocation = "011011003017500001_Browse.36423082.tif";
        relativeBrowseMetaDataLocation = "PGS__011011003017500001.36423082__";
    }
    decimationRecord =
    {
        decimationType = 4;
        maxWidth = 512;
        maxHeight = 512;
        decimation = 2.5000000000000000e-01;
    }
    workOrderPriority = 7.0000000000000000e+00F;
    correctionLevel = "Precision Geocorrection";
    productOrientation = 1;
    path = 44;
}

```

```

row = 28;
productSceneShift ?= 0.0000000000000000e+00F;
productInfo =
{
    productInputDataSet =
"/diskIngest3/temp/01101100301750001/L72EDC180019118010_HDF.012851717";
    productOutputDataSet = "";
    productGenerationTime = "Mon Oct 15 11:07:44 2001";
    outputMediaType = 10;
    outputFormat = 0;
    productFormat = 0;
    mediaInterleaving = 1;
    productFramingMethod = "Path Row";
}
correctionParameters =
{
    mapProjection = "SPCS";
    zoneNumber = 4602;
    earthEllipsoid = "NAD83";
    resamplingKernel ?= "CC";
    elevationCorrection = "Fine DEM";
    baseElevation = 0.0000000000000000e+00F;
    framingDefinition ?= "Path/Row";
    pixelSpacing ?= 3.0000000000000000e+01F;
    lineSpacing ?= 3.0000000000000000e+01F;
}
stationId ?= "EDC";
}

```

=====

Browse.report:

=====

```

{
    ReportHeader =
    {
        ReportName = "browseImageGeneration";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "011011003017500001";
        StartTime = "Mon Oct 15 11:07:46 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 11;
            minute = 7;
            sec = 46;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Mon Oct 15 11:07:48 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 11;
            minute = 7;

```

```

        sec = 48;
        usec = 0;
        time_system = 2;
    }
    CpuTime = 5.700000000000000e-01;
}
}

```

```

=====
Browse.output:
=====

```

```

{
    browseImageFileName = "011011003017500001_BrowseImage.tif";
    browseMetadataFileName = "011011003017500001_BrowseMeta.data";
    allocationId = 0L;
}

```

```

=====
ArchiveRadCorr.input:
=====

```

```

{
    sceneHandle = "/usr1/nlaps/RT/workorders/011011003017500001/Product_";
    inputFormat = 26;
}

```

```

=====
GetProcHistResource.input:
=====

```

```

{
    files =
    [
        {
            fileName =
"/usr1/nlaps/RT/workorders/011011003017500001/011011003017500001.his";
            fileSize = 100000L;
        }
        {
            fileName =
"/usr1/nlaps/RT/workorders/011011003017500001/011011003017500001.rpt";
            fileSize = 100000L;
        }
    ]
}

```

```

=====
/usr1/nlaps/RT/log/011011003017500001.log:
=====

```

```

<created: 15-10-2001 07:53:45>

```

```

15-10-2001 07:53:45 Info DDWOE_WoEditor MAIN:0009
MAIN_MainCommon.cc:00484
Process DDWOE_WoEditor, PID 35170950@edcsgs22, started at 15-10-2001
07:53:45

```

```

15-10-2001 07:53:53 Info DDWOE_WoEditor MAIN:0010
MAIN_MainCommon.cc:00528
Process DDWOE_WoEditor, PID 35170950@edcsgs22, stopped at 15-10-2001
07:53:53

```

15-10-2001 07:58:44 Info DDW0E_WoEditor MAIN:0009
MAIN_MainCommon.cc:00484
Process DDW0E_WoEditor, PID 36397083@edcs22, started at 15-10-2001
07:58:44

15-10-2001 07:59:28 Info DDW0E_WoEditor MAIN:0009
MAIN_MainCommon.cc:00484
Process DDW0E_WoEditor, PID 36120716@edcs22, started at 15-10-2001
07:59:28

15-10-2001 07:59:33 Info DDW0E_WoEditor MAIN:0010
MAIN_MainCommon.cc:00528
Process DDW0E_WoEditor, PID 36120716@edcs22, stopped at 15-10-2001
07:59:33

15-10-2001 08:06:11 Info DDW0E_WoEditor MAIN:0009
MAIN_MainCommon.cc:00484
Process DDW0E_WoEditor, PID 36272522@edcs22, started at 15-10-2001
08:06:11

15-10-2001 08:07:04 Info DDW0E_WoEditor MAIN:0010
MAIN_MainCommon.cc:00528
Process DDW0E_WoEditor, PID 36272522@edcs22, stopped at 15-10-2001
08:07:04

15-10-2001 08:49:13 Info DDW0E_WoEditor MAIN:0010
MAIN_MainCommon.cc:00528
Process DDW0E_WoEditor, PID 36397083@edcs22, stopped at 15-10-2001
08:49:13

15-10-2001 09:10:04 Info PPGSOCP_Application WCU:0000
WCU_WriteMessageToWo:00073
Work order was edited by operator halverso.

15-10-2001 09:10:04 Info DDW0E_WoEditor MAIN:0009
MAIN_MainCommon.cc:00484
Process DDW0E_WoEditor, PID 36493596@edcs22, started at 15-10-2001
09:10:04

15-10-2001 09:13:21 Info DDW0E_WoEditor MAIN:0010
MAIN_MainCommon.cc:00528
Process DDW0E_WoEditor, PID 36493596@edcs22, stopped at 15-10-2001
09:13:21

15-10-2001 09:13:28 Info PPGSOCP_Application WCU:0000
WCU_WriteMessageToWo:00073
Work order was started by operator halverso.

15-10-2001 09:13:30 Info SCON_EvmController MAIN:0009
MAIN_MainCommon.cc:00484
Process SCON_EvmController, PID 36423082@edcs22, started at 15-10-2001 09:13:30

15-10-2001 09:13:31 Info WOSV_WoManagerServer WOSV:0103
WCU_WriteMessageToWo:00106
Workorder started.

15-10-2001 09:13:31 Info WOSV_WoManagerServer WCU:0000
WCU_WriteMessageToWo:00073
Workorder is executing on host localhost.

15-10-2001 09:13:33 Info ACQ_InitializeAcqModel MAIN:0009
MAIN_MainCommon.cc:00484
Process ACQ_InitializeAcqModel, PID 36373111@edcs22, started at 15-10-2001 09:13:33

15-10-2001 09:13:34 Warning ACQ_InitializeAcqModel TIM:0011
TIM_TimeModel.cc:00462
Using Predicted value of UT1 for 2000 7 9

15-10-2001 09:13:34 Warning ACQ_InitializeAcqModel TIM:0011
TIM_TimeModel.cc:00563
Using Predicted value of UT1 for 2000 7 10

15-10-2001 09:13:34 Warning ACQ_InitializeAcqModel EAR:0031
EAR_PoleWander.cc:00417
Using predicted, not measured pole wander data for 09-JUL-00.
15-10-2001 09:13:34 Warning ACQ_InitializeAcqModel EAR:0031
EAR_PoleWander.cc:00417
Using predicted, not measured pole wander data for 10-JUL-00.

15-10-2001 09:13:36 Info ACQ_InitializeAcqModel MAIN:0010
MAIN_MainCommon.cc:00528
Process ACQ_InitializeAcqModel, PID 36373111@edcs22, stopped at 15-10-2001 09:13:36

15-10-2001 09:13:38 Info LZR_Main MAIN:0009
MAIN_MainCommon.cc:00484
Process LZR_Main, PID 36509030@edcs22, started at 15-10-2001 09:13:38

15-10-2001 09:15:05 Info LZR_Main EPHI:0029
EPHI_EtmpEphemeris.c:00393
The ephemeris file /usr1/nlaps/RT/ephemeris/etmp/L72000192DEFEPH.S00 was used for processing.

15-10-2001 09:16:07 Info LZR_Main MAIN:0010
MAIN_MainCommon.cc:00528
Process LZR_Main, PID 36509030@edcs22, stopped at 15-10-2001 09:16:07

15-10-2001 09:16:10 Info DEM_Init MAIN:0009
MAIN_MainCommon.cc:00484
Process DEM_Init, PID 35346377@edcs22, started at 15-10-2001 09:16:10

15-10-2001 09:16:11 Info DEM_Init MAIN:0010
MAIN_MainCommon.cc:00528
Process DEM_Init, PID 35346377@edcs22, stopped at 15-10-2001 09:16:11

15-10-2001 09:16:12 Info PSM_ModelRefinement MAIN:0009
MAIN_MainCommon.cc:00484
Process PSM_ModelRefinement, PID 34569477@edcs22, started at 15-10-2001
09:16:12

15-10-2001 09:51:52 Info MDR_Application MAIN:0009
MAIN_MainCommon.cc:00484
Process MDR_Application, PID 36454829@edcs22, started at 15-10-2001
09:51:52

15-10-2001 09:51:52 Info MDR_Application MAIN:0015
MAIN_MainCommon.cc:00496
Process MDR_Application, Started by halverso

15-10-2001 10:24:38 Info MDR_Application WCU:0000
WCU_WriteMessageToWo:00073
Work Order 011011003017500001 - manual marking was accepted by Operator
halverso

15-10-2001 10:24:41 Info MDR_Application MAIN:0010
MAIN_MainCommon.cc:00528
Process MDR_Application, PID 36454829@edcs22, stopped at 15-10-2001
10:24:41

15-10-2001 10:24:41 Info MDR_Application MAIN:0016
MAIN_MainCommon.cc:00540
Process MDR_Application, Stopped by halverso

15-10-2001 10:24:41 Info PSM_ModelRefinement MAIN:0010
MAIN_MainCommon.cc:00528
Process PSM_ModelRefinement, PID 34569477@edcs22, stopped at 15-10-2001
10:24:41

15-10-2001 10:24:43 Info PDD_DefineGenericProduct MAIN:0009
MAIN_MainCommon.cc:00484
Process PDD_DefineGenericProduct, PID 36224796@edcs22, started at 15-10-2001 10:24:43

15-10-2001 10:24:45 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

15-10-2001 10:24:49 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

15-10-2001 10:24:53 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

15-10-2001 10:24:53 Info PDD_DefineGenericProduct MAIN:0010
MAIN_MainCommon.cc:00528
Process PDD_DefineGenericProduct, PID 36224796@edcs22, stopped at 15-10-2001 10:24:53

15-10-2001 10:24:54 Info DEMI_IngestControl MAIN:0009
MAIN_MainCommon.cc:00484
Process DEMI_IngestControl, PID 35342788@edcs22, started at 15-10-2001 10:24:54

15-10-2001 10:25:37 Info DEMI_IngestControl MAIN:0010
MAIN_MainCommon.cc:00528
Process DEMI_IngestControl, PID 35342788@edcs22, stopped at 15-10-2001 10:25:37

15-10-2001 10:25:40 Info OPR_WarpResampler MAIN:0009
MAIN_MainCommon.cc:00484
Process OPR_WarpResampler, PID 35523900@edcs22, started at 15-10-2001 10:25:40

15-10-2001 10:25:56 Info OPR_WarpResampler MAIN:0010
MAIN_MainCommon.cc:00528
Process OPR_WarpResampler, PID 35523900@edcs22, stopped at 15-10-2001 10:25:56

15-10-2001 10:26:00 Info OPR_MsResampler MAIN:0009
MAIN_MainCommon.cc:00484
Process OPR_MsResampler, PID 35919657@edcs22, started at 15-10-2001 10:26:00

15-10-2001 10:40:08 Info OPR_MsResampler MAIN:0010
MAIN_MainCommon.cc:00528
Process OPR_MsResampler, PID 35919657@edcsgs22, stopped at 15-10-2001
10:40:08

15-10-2001 10:40:10 Info RQA_PerformRadiometricQA MAIN:0009
MAIN_MainCommon.cc:00484
Process RQA_PerformRadiometricQA, PID 36451505@edcsgs22, started at 15-10-
2001 10:40:10

15-10-2001 10:40:11 Warning RQA_PerformRadiometricQA RQA:0022
RQA_RadiometricQA_Ev:00118
Band 5 failed radiometric quality assurance. Tolerance: 1.000000;
Measurement: 1.017961

15-10-2001 10:40:11 Info RQA_PerformRadiometricQA MAIN:0010
MAIN_MainCommon.cc:00528
Process RQA_PerformRadiometricQA, PID 36451505@edcsgs22, stopped at 15-10-
2001 10:40:11

15-10-2001 10:40:12 Info BQA_BlackfillQa MAIN:0009
MAIN_MainCommon.cc:00484
Process BQA_BlackfillQa, PID 32386220@edcsgs22, started at 15-10-2001
10:40:12

15-10-2001 10:40:12 Info BQA_BlackfillQa MAIN:0010
MAIN_MainCommon.cc:00528
Process BQA_BlackfillQa, PID 32386220@edcsgs22, stopped at 15-10-2001
10:40:12

15-10-2001 10:40:14 Info GQA_PerformGeometricQA MAIN:0009
MAIN_MainCommon.cc:00484
Process GQA_PerformGeometricQA, PID 36047323@edcsgs22, started at 15-10-
2001 10:40:14

15-10-2001 10:40:21 Info GQA_PerformGeometricQA GQA:0023
GQA_GeometricQA.cc:01179
No more suitable Cps available for auto-marking

15-10-2001 10:43:41 Info VAL_Application MAIN:0009
MAIN_MainCommon.cc:00484
Process VAL_Application, PID 36468913@edcsgs22, started at 15-10-2001
10:43:41

15-10-2001 10:43:41 Info VAL_Application MAIN:0015
MAIN_MainCommon.cc:00496
Process VAL_Application, Started by halverso

15-10-2001 11:06:49 Info VAL_Application WCU:0000
WCU_WriteMessageToWo:00073
Work Order 011011003017500001 - manual marking was accepted by Operator
halverso

15-10-2001 11:06:49 Info GQA_PerformGeometricQA MAIN:0010
MAIN_MainCommon.cc:00528
Process GQA_PerformGeometricQA, PID 36047323@edcs22, stopped at 15-10-
2001 11:06:49

15-10-2001 11:06:51 Info VAL_Application MAIN:0010
MAIN_MainCommon.cc:00528
Process VAL_Application, PID 36468913@edcs22, stopped at 15-10-2001
11:06:51

15-10-2001 11:06:51 Info VAL_Application MAIN:0016
MAIN_MainCommon.cc:00540
Process VAL_Application, Stopped by halverso

15-10-2001 11:06:52 Info TOXNF_MakeProduct MAIN:0009
MAIN_MainCommon.cc:00484
Process TOXNF_MakeProduct, PID 35611250@edcs22, started at 15-10-2001
11:06:52

15-10-2001 11:07:44 Info TOXNF_MakeProduct MAIN:0010
MAIN_MainCommon.cc:00528
Process TOXNF_MakeProduct, PID 35611250@edcs22, stopped at 15-10-2001
11:07:44

15-10-2001 11:07:46 Info BIM_OpticalBrowse MAIN:0009
MAIN_MainCommon.cc:00484
Process BIM_OpticalBrowse, PID 36082029@edcs22, started at 15-10-2001
11:07:46

15-10-2001 11:07:48 Info BIM_OpticalBrowse MAIN:0010
MAIN_MainCommon.cc:00528
Process BIM_OpticalBrowse, PID 36082029@edcs22, stopped at 15-10-2001
11:07:48

15-10-2001 11:07:50 Info RDC_ArchiveReport MAIN:0009
MAIN_MainCommon.cc:00484
Process RDC_ArchiveReport, PID 35243308@edcs22, started at 15-10-2001
11:07:50

15-10-2001 11:07:50 Info RDC_ArchiveReport MAIN:0010
MAIN_MainCommon.cc:00528

Process RDC_ArchiveReport, PID 35243308@edcsgs22, stopped at 15-10-2001
11:07:50

15-10-2001 11:07:52 Info
MAIN_MainCommon.cc:00484

RMAN_GetDiskResource MAIN:0009

Process RMAN_GetDiskResource, PID 30967121@edcsgs22, started at 15-10-2001
11:07:52

15-10-2001 11:07:52 Info
MAIN_MainCommon.cc:00528

RMAN_GetDiskResource MAIN:0010

Process RMAN_GetDiskResource, PID 30967121@edcsgs22, stopped at 15-10-2001
11:07:52