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=====
011011003018400001 PROCESSING HISTORY
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=====
/usr1/nlaps/RT/productorders/011011003018400001.po:
=====
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```
{
  InputParams =
  {
    satellite = "Landsat-7";
    sensor = "ETM+";
    AOS_time = "2000 07 07 18:47:36";
    inputDatasetId =
"/diskIngest3/temp/011011003018400001/L71EDC180018918010_HDF.012961741";
    inputMediaType = "Disk";
    inputDataFormat = "L0Rp";
  }
  ControlParams =
  {
    type = "Correction";
    orderId = "011011003018400001";
    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 = 1003800132L;
    messageId =
"/usr1/nlaps/RT/icc/incoming/target/DORRAN_PGS_01101100301841.PGS_ORDER";
    monitorId = "0_35971443";
  }
  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 = 46L;
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 = "BACONA";
    state = "OR";
    centerLatitude = 4.5812500000000000e+01;
    centerLongitude = -1.2306250000000000e+02;
    scale = "24000";
  }
]

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{
  name = "BEDFORD POINT";
  state = "OR";
  centerLatitude = 4.518750000000000e+01;
  centerLongitude = -1.221875000000000e+02;
  scale = "24000";
}
{
  name = "BULL RUN LAKE";
  state = "OR";
  centerLatitude = 4.543750000000000e+01;
  centerLongitude = -1.218125000000000e+02;
  scale = "24000";
}
{
  name = "CARSON";
  state = "OR";
  centerLatitude = 4.568750000000000e+01;
  centerLongitude = -1.218125000000000e+02;
  scale = "24000";
}
{
  name = "CLATSKANIE";
  state = "OR";
  centerLatitude = 4.606250000000000e+01;
  centerLongitude = -1.231875000000000e+02;
  scale = "24000";
}
{
  name = "DAMASCUS";
  state = "OR";
  centerLatitude = 4.543750000000000e+01;
  centerLongitude = -1.224375000000000e+02;
  scale = "24000";
}
{
  name = "DUNDEE";
  state = "OR";
  centerLatitude = 4.531250000000000e+01;
  centerLongitude = -1.230625000000000e+02;
  scale = "24000";
}
{
  name = "FIVEMILE BUTTE";
  state = "OR";
  centerLatitude = 4.543750000000000e+01;
  centerLongitude = -1.214375000000000e+02;
  scale = "24000";
}
{
  name = "GLADSTONE";
  state = "OR";
  centerLatitude = 4.543750000000000e+01;
  centerLongitude = -1.225625000000000e+02;
  scale = "24000";
}
{

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    name = "HICKMAN BUTTE";
    state = "OR";
    centerLatitude = 4.543750000000000e+01;
    centerLongitude = -1.219375000000000e+02;
    scale = "24000";
}
{
    name = "KETCHUM RESERVOIR";
    state = "OR";
    centerLatitude = 4.556250000000000e+01;
    centerLongitude = -1.214375000000000e+02;
    scale = "24000";
}
{
    name = "LINNTON";
    state = "OR";
    centerLatitude = 4.556250000000000e+01;
    centerLongitude = -1.228125000000000e+02;
    scale = "24000";
}
{
    name = "MOUNT HOOD NORTH";
    state = "OR";
    centerLatitude = 4.543750000000000e+01;
    centerLongitude = -1.216875000000000e+02;
    scale = "24000";
}
{
    name = "NICOLAI MOUNTAIN";
    state = "OR";
    centerLatitude = 4.606250000000000e+01;
    centerLongitude = -1.234375000000000e+02;
    scale = "24000";
}
{
    name = "POST POINT";
    state = "OR";
    centerLatitude = 4.518750000000000e+01;
    centerLongitude = -1.215625000000000e+02;
    scale = "24000";
}
{
    name = "ROGERS PEAK";
    state = "OR";
    centerLatitude = 4.568750000000000e+01;
    centerLongitude = -1.235625000000000e+02;
    scale = "24000";
}
{
    name = "SANDY";
    state = "OR";
    centerLatitude = 4.543750000000000e+01;
    centerLongitude = -1.223125000000000e+02;
    scale = "24000";
}
{
    name = "TANNER BUTTE";

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state = "OR";
centerLatitude = 4.556250000000000e+01;
centerLongitude = -1.219375000000000e+02;
scale = "24000";
}
{
name = "TRASK";
state = "OR";
centerLatitude = 4.543750000000000e+01;
centerLongitude = -1.235625000000000e+02;
scale = "24000";
}
{
name = "WAHTUM LAKE";
state = "OR";
centerLatitude = 4.556250000000000e+01;
centerLongitude = -1.218125000000000e+02;
scale = "24000";
}
{
name = "WOOD POINT";
state = "OR";
centerLatitude = 4.556250000000000e+01;
centerLongitude = -1.234375000000000e+02;
scale = "24000";
}
{
name = "APPLETON";
state = "WA";
centerLatitude = 4.581250000000000e+01;
centerLongitude = -1.213125000000000e+02;
scale = "24000";
}
{
name = "BATTLE GROUND";
state = "WA";
centerLatitude = 4.581250000000000e+01;
centerLongitude = -1.225625000000000e+02;
scale = "24000";
}
{
name = "BLUE LAKE";
state = "WA";
centerLatitude = 4.643750000000000e+01;
centerLongitude = -1.216875000000000e+02;
scale = "24000";
}
{
name = "BONNEVILLE DAM";
state = "WA";
centerLatitude = 4.568750000000000e+01;
centerLongitude = -1.219375000000000e+02;
scale = "24000";
}
{
name = "CASTILE FALLS";
state = "WA";

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centerLatitude = 4.631250000000000e+01;
centerLongitude = -1.211875000000000e+02;
scale = "24000";
}
{
name = "COAL CREEK";
state = "WA";
centerLatitude = 4.618750000000000e+01;
centerLongitude = -1.230625000000000e+02;
scale = "24000";
}
{
name = "DARLAND MOUNTAIN";
state = "WA";
centerLatitude = 4.656250000000000e+01;
centerLongitude = -1.211875000000000e+02;
scale = "24000";
}
{
name = "EAST CANYON RIDGE";
state = "WA";
centerLatitude = 4.631250000000000e+01;
centerLongitude = -1.216875000000000e+02;
scale = "24000";
}
{
name = "ELK ROCK";
state = "WA";
centerLatitude = 4.631250000000000e+01;
centerLongitude = -1.223125000000000e+02;
scale = "24000";
}
{
name = "FRENCH BUTTE";
state = "WA";
centerLatitude = 4.631250000000000e+01;
centerLongitude = -1.219375000000000e+02;
scale = "24000";
}
{
name = "GLENWOOD";
state = "WA";
centerLatitude = 4.606250000000000e+01;
centerLongitude = -1.213125000000000e+02;
scale = "24000";
}
{
name = "GULER MOUNTAIN";
state = "WA";
centerLatitude = 4.593750000000000e+01;
centerLongitude = -1.215625000000000e+02;
scale = "24000";
}
{
name = "HUFFSTADT MOUNTAIN";
state = "WA";
centerLatitude = 4.631250000000000e+01;

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    centerLongitude = -1.2243750000000000e+02;
    scale = "24000";
}
{
    name = "KALAMA";
    state = "WA";
    centerLatitude = 4.6062500000000000e+01;
    centerLongitude = -1.2281250000000000e+02;
    scale = "24000";
}
{
    name = "LAKE LAWRENCE";
    state = "WA";
    centerLatitude = 4.6812500000000000e+01;
    centerLongitude = -1.2256250000000000e+02;
    scale = "24000";
}
{
    name = "LOGAN HILL";
    state = "WA";
    centerLatitude = 4.6687500000000000e+01;
    centerLongitude = -1.2281250000000000e+02;
    scale = "24000";
}
{
    name = "MAYFIELD LAKE";
    state = "WA";
    centerLatitude = 4.6562500000000000e+01;
    centerLongitude = -1.2256250000000000e+02;
    scale = "24000";
}
{
    name = "MOSSYROCK";
    state = "WA";
    centerLatitude = 4.6562500000000000e+01;
    centerLongitude = -1.2243750000000000e+02;
    scale = "24000";
}
{
    name = "MOUNT SAINTE HELENS";
    state = "WA";
    centerLatitude = 4.6187500000000000e+01;
    centerLongitude = -1.2218750000000000e+02;
    scale = "24000";
}
{
    name = "OAK POINT";
    state = "WA";
    centerLatitude = 4.6187500000000000e+01;
    centerLongitude = -1.2318750000000000e+02;
    scale = "24000";
}
{
    name = "ONALASKA NW";
    state = "WA";
    centerLatitude = 4.6687500000000000e+01;
    centerLongitude = -1.2268750000000000e+02;

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    scale = "24000";
}
{
    name = "PE ELL";
    state = "WA";
    centerLatitude = 4.656250000000000e+01;
    centerLongitude = -1.233125000000000e+02;
    scale = "24000";
}
{
    name = "QUARTZ CREEK BUTTE";
    state = "WA";
    centerLatitude = 4.618750000000000e+01;
    centerLongitude = -1.218125000000000e+02;
    scale = "24000";
}
{
    name = "ROCHESTER";
    state = "WA";
    centerLatitude = 4.681250000000000e+01;
    centerLongitude = -1.230625000000000e+02;
    scale = "24000";
}
{
    name = "SKAMOKAWA";
    state = "WA";
    centerLatitude = 4.631250000000000e+01;
    centerLongitude = -1.234375000000000e+02;
    scale = "24000";
}
{
    name = "SPIRAL BUTTE";
    state = "WA";
    centerLatitude = 4.668750000000000e+01;
    centerLongitude = -1.213125000000000e+02;
    scale = "24000";
}
{
    name = "SWEIGILER CREEK";
    state = "WA";
    centerLatitude = 4.643750000000000e+01;
    centerLongitude = -1.235625000000000e+02;
    scale = "24000";
}
{
    name = "TOUTLE";
    state = "WA";
    centerLatitude = 4.631250000000000e+01;
    centerLongitude = -1.226875000000000e+02;
    scale = "24000";
}
{
    name = "VANCOUVER";
    state = "WA";
    centerLatitude = 4.568750000000000e+01;
    centerLongitude = -1.226875000000000e+02;
    scale = "24000";
}

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    }
    {
        name = "WASHOUGAL";
        state = "WA";
        centerLatitude = 4.556250000000000e+01;
        centerLongitude = -1.223125000000000e+02;
        scale = "24000";
    }
    {
        name = "WINLOCK";
        state = "WA";
        centerLatitude = 4.643750000000000e+01;
        centerLongitude = -1.229375000000000e+02;
        scale = "24000";
    }
    {
        name = "YACOLT";
        state = "WA";
        centerLatitude = 4.581250000000000e+01;
        centerLongitude = -1.224375000000000e+02;
        scale = "24000";
    }
]
}
header =
{
    name = "internal-formatted PO";
    version = 0L;
    productOrderType = "Correction";
    origin = "External";
    creationTime = 1003869686L;
}
}

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

{
    commonChildInputParams =
    {
        reportName = "PreIngest.report";
        inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003018400001/Input_";
    }
    satelliteName = "LS7 ";
    sensorName = "ETMP";
    referenceTime =
    {
        year = 2000;
        month = 7;
        day = 7;
        hour = 18;
        minute = 47;
        sec = 36;
        usec = 0;
        time_system = 2;
    }
}

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=====
Ingest.input:
=====
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```
{
  commonChildInputParams =
  {
    inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003018400001/Input_";
    reportName = "Ingest.report";
  }
  priority = 7.000000000000000e+00F;
  manualPositioningRequired ?= FALSE;
  AOSTime =
  {
    year = 2000;
    month = 7;
    day = 7;
    hour = 18;
    minute = 47;
    sec = 36;
    usec = 0;
    time_system = 2;
  }
  satellite = "LS7 ";
  sensor = "ETMP";
  numberOfScenes = 1.500000000000000e+00F;
  ingestBoundaryType ?= 0;
  pathRowCentre ?=
  {
    path = 46;
    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/01101100301840001/L71EDC180018918010_HDF.012961741";
        ]
        mediumId =
"/diskIngest3/temp/01101100301840001/L71EDC180018918010_HDF.012961741";
    }
    ]
    }
    sampleSceneStats = FALSE;
    performRadiometricCorrection ?= TRUE;
}
=====
Ingest.output:
=====
{
    InputImage =
    {
        InputImageHandle =
"/usr1/nlaps/RT/workorders/01101100301840001/Input_LZR_Main.tif";
        InputImageResourceId = "/image1";
        InputImageAllocationId = 237884L;
    }
    IngestQualityFlag = TRUE;
    IngestPredictedOrbitFlag = TRUE;
    orbitNumber = 86969;
    ReportHeader =
    {
        ReportName = "Ingest";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "01101100301840001";
        StartTime = "Tue Oct 23 15:41:48 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 23;
            hour = 15;
            minute = 41;
            sec = 48;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Tue Oct 23 15:43:35 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 23;
            hour = 15;
            minute = 43;
            sec = 35;
            usec = 0;
            time_system = 2;
        }
    }
    CpuTime = 9.676000000000001e+01;

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}
ingestStartTime =
{
    year = 2000;
    month = 7;
    day = 7;
    hour = 18;
    minute = 47;
    sec = 23;
    usec = 528187;
    time_system = 2;
}
ingestEndTime =
{
    year = 2000;
    month = 7;
    day = 7;
    hour = 18;
    minute = 47;
    sec = 50;
    usec = 361625;
    time_system = 2;
}
ingestStartTimeString = "2000 07 07 18:47:23.528";
ingestEndTimeString = "2000 07 07 18:47:50.361";
segmentStartTime =
{
    year = 2000;
    month = 7;
    day = 7;
    hour = 18;
    minute = 47;
    sec = 23;
    usec = 528187;
    time_system = 2;
}
segmentEndTime =
{
    year = 2000;
    month = 7;
    day = 7;
    hour = 18;
    minute = 47;
    sec = 50;
    usec = 361625;
    time_system = 2;
}
ProcessingInformation =
{
    TotalNumberOfSwaths = 374;
    TotalNumberSwathsWithSyncLosses = 0;
    TotalNumberOfSyncLosses = 0;
    MinimumLineLength = 6319;
    MaximumLineLength = 6322;
    InputCentreDateAndTimeAtStation =
    {
        year = 2000;

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        month = 7;
        day = 7;
        hour = 18;
        minute = 47;
        sec = 36;
        usec = 944906;
        time_system = 2;
    }
    NumberOfBandsIngested = 9;
    BandNumbersIngested =
    [
        1L;
        2L;
        3L;
        4L;
        5L;
        6L;
        7L;
        8L;
        9L;
    ]
}
}=====
DemInit.input:
=====
{
    inputImageFileName =
"/usr1/nlaps/RT/workorders/011011003018400001/Input_LZR_Main.tif";
    acqModelIdentifier = "/usr1/nlaps/RT/workorders/011011003018400001/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/011011003018400001/Input_";
    demType = 0;
    baseElevation ?= 0.0000000000000000e+00F;
    demPath ?= "";
}
}=====
ModelRefinement.input:
=====
{
    commonChildInputParams =

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{
    inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003018400001/Input_";
    productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003018400001/Product_";
    outputSceneHandle = "/usr1/nlaps/RT/workorders/011011003018400001/Output_";
    reportName = "ModelRefinement.report";
}
imageHandle =
"/usr1/nlaps/RT/workorders/011011003018400001/Input_LZR_Main.tif";
scpCreationFlag = FALSE;
autoMarkingMode = 0L;
manualMarkingMode = 2L;
bands =
{
    numBands = 9;
    bandsUsed =
    [
        1;
        2;
        3;
        4;
        5;
        6;
        7;
        8;
        9;
    ]
}
}

```

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

{
    ReportHeader =
    {
        ReportName = "ModelRefinementReport";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "011011003018400001";
        StartTime = "Tue Oct 23 15:43:41 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 23;
            hour = 15;
            minute = 43;
            sec = 41;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Tue Oct 23 15:49:34 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 23;
            hour = 15;

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        minute = 49;
        sec = 34;
        usec = 0;
        time_system = 2;
    }
    CpuTime = 3.826000000000000e+01;
}
Satellite = "LS7 ";
Sensor = "ETMP";
AcquisitionTime =
{
    year = 2000L;
    month = 7L;
    day = 7L;
    hour = 18L;
    minute = 47L;
    sec = 37L;
    usec = 2872L;
    time_system = 2L;
}
PrecisionModelSummary =
{
    NumberOfCPsInModel = 12L;
    ModelErrors =
    {
        along_track =
        {
            mean_error = 6.283189058303833e-01;
            rms_error = 7.381749153137207e+00;
            std_dev_error = 7.354959964752197e+00;
        }
        across_track =
        {
            mean_error = -1.564888954162598e-01;
            rms_error = 7.462746143341064e+00;
            std_dev_error = 7.461105346679688e+00;
        }
        height =
        {
            mean_error = -5.569372791796923e-03;
            rms_error = 6.706241965293884e-01;
            std_dev_error = 6.706010699272156e-01;
        }
        combined =
        {
            mean_error = 6.475372314453125e-01;
            rms_error = 1.051819992065430e+01;
            std_dev_error = 1.049824905395508e+01;
        }
    }
}
ControlPointsSummary =
[
    {
        CpNumber = 9292L;
        CpAutoMarked = TRUE;
        CpKind = "RCP";
    }
]

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```

CpLocation =
{
    latitude = 4.596763972313467e+01;
    longitude = -1.223351334490935e+02;
    height = 1.219999458864331e+02;
}
CpResiduals =
{
    alongTrack = 7.209560391991319e+00;
    acrossTrack = 1.043349535386088e+00;
    height = 1.906953023610125e-02;
    combined = 7.284689625903344e+00;
}
}
{
    CpNumber = 9682L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.511604730295728e+01;
        longitude = -1.217715530241714e+02;
        height = 9.881579473353922e+02;
    }
    CpResiduals =
    {
        alongTrack = 5.623456656851251e+00;
        acrossTrack = 8.877211598094839e+00;
        height = 1.047100148450615e+00;
        combined = 1.056051936458238e+01;
    }
}
}
{
    CpNumber = 8832L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.673376526542834e+01;
        longitude = -1.229645578064536e+02;
        height = 6.099994449503720e+01;
    }
    CpResiduals =
    {
        alongTrack = 4.442602832452851e+00;
        acrossTrack = 6.729955287509656e+00;
        height = -6.310446414538586e-01;
        combined = 8.088710369292802e+00;
    }
}
}
{
    CpNumber = 9683L;
    CpAutoMarked = TRUE;
    CpKind = "SCP";
    CpLocation =
    {
        latitude = 4.520372036510306e+01;

```

```

    longitude = -1.224568462377119e+02;
    height = 2.61369999321252e+02;
}
CpResiduals =
{
    alongTrack = 5.407922376140352e+00;
    acrossTrack = 7.760518639199759e+00;
    height = 2.556668746514943e-01;
    combined = 9.462380225213975e+00;
}
}
{
    CpNumber = 9397L;
    CpAutoMarked = TRUE;
    CpKind = "SCP";
    CpLocation =
    {
        latitude = 4.549715018372979e+01;
        longitude = -1.236002158982183e+02;
        height = 1.371459999606013e+02;
    }
    CpResiduals =
    {
        alongTrack = -6.394349093366380e-02;
        acrossTrack = -4.371436209367338e+00;
        height = 5.091560312292086e-01;
        combined = 4.401452392874169e+00;
    }
}
{
    CpNumber = 8993L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.652583835483668e+01;
        longitude = -1.222313301776586e+02;
        height = 2.822809448400512e+02;
    }
    CpResiduals =
    {
        alongTrack = -4.850269118698206e+00;
        acrossTrack = 3.104526513055205e+00;
        height = 4.039536039365910e-03;
        combined = 5.758750881216481e+00;
    }
}
{
    CpNumber = 8731L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.659158793171154e+01;
        longitude = -1.215644550961110e+02;
        height = 8.659999446272850e+02;
    }
}

```

```

CpResiduals =
{
    alongTrack = 9.265380443784585e+00;
    acrossTrack = -3.357242302073793e+00;
    height = -2.589185027605119e-01;
    combined = 9.858265031635705e+00;
}
}
{
    CpNumber = 9102L;
    CpAutoMarked = TRUE;
    CpKind = "SCP";
    CpLocation =
    {
        latitude = 4.614943550226164e+01;
        longitude = -1.233733036484873e+02;
        height = 9.982578372582793e-01;
    }
    CpResiduals =
    {
        alongTrack = 5.554707346907064e+00;
        acrossTrack = -5.884605196234941e+00;
        height = 6.825218762485963e-01;
        combined = 8.120910548509723e+00;
    }
}
{
    CpNumber = 9392L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.571327687854081e+01;
        longitude = -1.230859319890703e+02;
        height = 3.052859463272616e+02;
    }
    CpResiduals =
    {
        alongTrack = -1.030318167272562e+01;
        acrossTrack = -1.023970850208374e+01;
        height = 6.565311694170961e-01;
        combined = 1.454091523822526e+01;
    }
}
{
    CpNumber = 9290L;
    CpAutoMarked = FALSE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.557151817976519e+01;
        longitude = -1.223014519454239e+02;
        height = 1.828306979872286e+01;
    }
    CpResiduals =
    {
        alongTrack = 1.543032831521181e+00;

```

```

        acrossTrack = -1.231697903384357e+01;
        height = -4.302456226916689e-01;
        combined = 1.242070988853454e+01;
    }
}
{
    CpNumber = 26515L;
    CpAutoMarked = FALSE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.610145717308932e+01;
        longitude = -1.216100083962668e+02;
        height = 9.555459455195814e+02;
    }
    CpResiduals =
    {
        alongTrack = -1.650709448269687e+01;
        acrossTrack = -4.634571002455197e+00;
        height = -4.201508178328277e-01;
        combined = 1.715050854485679e+01;
    }
}
{
    CpNumber = 9293L;
    CpAutoMarked = FALSE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.584439916751979e+01;
        longitude = -1.236059587001024e+02;
        height = 1.219999461136758e+02;
    }
    CpResiduals =
    {
        alongTrack = 2.176528820881076e-01;
        acrossTrack = 1.141111396253717e+01;
        height = -1.500558053700930e+00;
        combined = 1.151141038776825e+01;
    }
}
}
]
}

```

```

=====
ProductDefinition.input:
=====

```

```

{
    inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003018400001/Input_";
    satelliteID = "LS7 ";
    sensorID = "ETMP";
    inputFramingType = 143;
    outputFramingType = 1;
    bandTypeAtReferenceResolution ?=
    [
        FALSE;
        TRUE;
        FALSE;
    ]
}

```

```

    FALSE;
]
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;
}
orientationChoice = 1;
path ?= 46;
row ?= 28;
sceneShift ?= 0.0000000000000000e+00F;
mapPixelSpacing ?= 3.0000000000000000e+01;
mapLineSpacing ?= 3.0000000000000000e+01;
performRegionCheck = FALSE;
performDEM_Correction = TRUE;
performElevationCorrection = FALSE;
performBaseElevationCorrection = FALSE;
baseElevation = 0.0000000000000000e+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 = 7324;
        numPixels = 7711;
    }
    {
        numLines = 7324;
        numPixels = 7711;
    }
    {
        numLines = 7324;
        numPixels = 7711;
    }
    {
        numLines = 7324;
        numPixels = 7711;
    }
    {
        numLines = 7324;
        numPixels = 7711;
    }
    {
        numLines = 3662;
        numPixels = 3855;
    }
    {
        numLines = 7324;
        numPixels = 7711;
    }
    {
        numLines = 14648;

```

```

    numPixels = 15422;
}
{
    numLines = 3662;
    numPixels = 3855;
}
]
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;
    }
    {

```

[illegible]

```

    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 = 46;
row = 28;
startRow = 0;
endRow = 0;
floatingEndRow = 0.0000000000000000e+00F;
geodeticCentre =
{
    latitude = 8.033975232558642e-01;
    longitude = -2.136848516650331e+00;
    height = 0.0000000000000000e+00;
}
mapCentre =
{
    x = 3.5041500000000000e+05;
    y = 7.9410000000000000e+04;
    height = 0.0000000000000000e+00;
}
geodeticSceneCorners =
[
    {
        latitude = 8.203756917751028e-01;
        longitude = -2.153257719367452e+00;
        height = 0.0000000000000000e+00;
    }
    {
        latitude = 8.141432143842852e-01;
        longitude = -2.110286109112211e+00;
        height = 0.0000000000000000e+00;
    }
    {
        latitude = 7.862966803246016e-01;
        longitude = -2.121088276622621e+00;
        height = 0.0000000000000000e+00;
    }
]

```

```

    {
        latitude = 7.923535117810476e-01;
        longitude = -2.162871253157992e+00;
        height = 0.000000000000000e+00;
    }
]
geodeticProductCorners =
[
    {
        latitude = 7.855442563101570e-01;
        longitude = -2.161842770688132e+00;
        height = 0.000000000000000e+00;
    }
    {
        latitude = 7.864180150310763e-01;
        longitude = -2.110632540282046e+00;
        height = 0.000000000000000e+00;
    }
    {
        latitude = 8.209179970877939e-01;
        longitude = -2.110907823001238e+00;
        height = 0.000000000000000e+00;
    }
    {
        latitude = 8.200122555325964e-01;
        longitude = -2.163992282018506e+00;
        height = 0.000000000000000e+00;
    }
]
mapProductCorners =
[
    {
        x = 2.347650000000000e+05;
        y = -3.046500000000000e+04;
        height = 0.000000000000000e+00;
    }
    {
        x = 4.660950000000000e+05;
        y = -3.046500000000000e+04;
        height = 0.000000000000000e+00;
    }
    {
        x = 4.660950000000000e+05;
        y = 1.892550000000000e+05;
        height = 0.000000000000000e+00;
    }
    {
        x = 2.347650000000000e+05;
        y = 1.892550000000000e+05;
        height = 0.000000000000000e+00;
    }
]
blackfillEdgeChoice = 1;
alignmentChoice = 2;
}
=====
DemIngest.input:

```

```

=====
{
  commonChildInputParams =
  {
    reportName = "DemIngest.report";
    inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003018400001/Input_";
  }
  demList =
  [
    {
      demType = 2;
      mediaType = 4;
      mediaId = "/dem_data/DEM/washingtonDem";
      filename = "washcanus_elev2";
    }
  ]
  priority = 7.000000000000000e+00F;
  numLines = 7324;
  numPixels = 7711;
  lineSpacing = 3.000000000000000e+01F;
  pixelSpacing = 3.000000000000000e+01F;
  mapRefPoint =
  {
    x = 2.347650000000000e+05;
    y = 1.892550000000000e+05;
    height = 0.000000000000000e+00;
  }
  outputOrientation = 0.000000000000000e+00;
  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;
        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 =
            [
                0.0000000000000000e+00;
                0.0000000000000000e+00;
                0.0000000000000000e+00;
            ]
        }
        ellipsoidCode = 7019;
    }
    GCTPZone = 4602;
}

=====
DemIngest.output:
=====
{
    ImageHandle =
"/usr1/nlaps/RT/workorders/011011003018400001/Input__DEMI_IngestControl.tif";
    ImageAllocationId = 237896L;
}
=====
DemIngest.report:
=====
{
    ReportHeader =
    {
        ReportName = "DEM Ingest Report";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "011011003018400001";
        StartTime = "Tue Oct 23 15:49:48 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 23;
            hour = 15;
            minute = 49;
            sec = 48;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Tue Oct 23 15:50:32 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 23;
            hour = 15;
            minute = 50;
            sec = 32;
            usec = 0;
            time_system = 2;
        }
    }
}

```

```

    }
    CpuTime = 2.6210000000000000e+01;
}
PixelSpacing = 3.0000000000000000e+01F;
PixelSpacingUnits = "meters";
LineSpacing = 3.0000000000000000e+01F;
LineSpacingUnits = "meters";
ProductOrderNumber = "011011003018400001";
SourceFormat = "LAS";
PixelType = 2L;
HorizontalDatum = "NORTHAM_83_CONUS";
VerticalDatum = "MSL";
UpperLatitude = 4.7039344444582463e+01;
RightLongitude = -1.209240202588014e+02;
LowerLatitude = 4.500374316727512e+01;
LeftLongitude = -1.239940017137425e+02;
NumberOfLines = 7357L;
PixelsPerLine = 7744L;
UnitOfElevationMeasure = "meters";
Error =
{
    circularError = 4.2000000000000000e+01;
    linearError = 4.2000000000000000e+01;
}
InputMediaReport =
[
    {
        Media = "/dem_data/DEM/washingtonDem";
        File = "washcanus_elev2";
    }
]
}
=====
WarpDem.input:
=====
{
    commonChildInputParams =
    {
        reportName = "WarpDem.report";
        inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003018400001/Input_";
        productSceneHandle = "/usr1/nlaps/RT/workorders/011011003018400001/DEM_";
    }
    priority = 7.0000000000000000e+00F;
    InputImageFile =
"/usr1/nlaps/RT/workorders/011011003018400001/Input__DEMI_IngestControl.tif";
    ResampleImageOrDemFlag = FALSE;
    CollectStatsFlag = TRUE;
    productSpecification =
    {
        satellite = "LS7 ";
        sensor = "ETMP";
        processingLevel = "Precision Geocorrection";
        outputPixelType = 2;
        blackfillEdgeChoice = 1;
        path = 46;
        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;
}
outputMapRefPoint =
{
    x = 2.347650000000000e+05;
    y = 1.892550000000000e+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 = 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 = 0.0000000000000000e+00F;
    performAtmosphericCorrection = FALSE;
    performBadLineReplacement = FALSE;
    performScanGapCorrection = FALSE;
    alignmentRequired = FALSE;
    performHistogramming = FALSE;
    performDebandFilter = FALSE;
    performDespikeFilter = FALSE;
}
outputResolution =
[
    {
        lineSpacing = 3.0000000000000000e+01F;
        pixelSpacing = 3.0000000000000000e+01F;
    }
]
imageSize =
[
    {
        numLines = 7324;
        numPixels = 7711;
    }
]
outputImageRefPoint =
[
    {
        line = 5.0000000000000000e-01F;
        pixel = 5.0000000000000000e-01F;
    }
]
}
}
=====
WarpDem.output:

```

```

=====
{
  outputImage =
  {
    outputImageHandle =
"/usr1/nlaps/RT/workorders/011011003018400001/DEM__OPR_WarpResampler.tif";
    outputImageAllocationId = 237897L;
  }
}
=====
WarpDem.report:
=====
{
  ReportHeader =
  {
    ReportName = "resamplerReport";
    VersionNumber = 1.0000000000000000e+00;
    WorkOrderId = "011011003018400001";
    StartTime = "Tue Oct 23 15:50:34 2001";
    StartTimeRecord =
    {
      year = 2001;
      month = 10;
      day = 23;
      hour = 15;
      minute = 50;
      sec = 34;
      usec = 0;
      time_system = 2;
    }
    CompletionTime = "Tue Oct 23 15:50:52 2001";
    CompletionTimeRecord =
    {
      year = 2001;
      month = 10;
      day = 23;
      hour = 15;
      minute = 50;
      sec = 52;
      usec = 0;
      time_system = 2;
    }
    CpuTime = 3.3040000000000000e+01;
  }
  GeometricCorrectionLevel = "map-projected";
  ProductInfo =
  {
    Projection = "SPCS";
    GCTPZone = 4602;
    Datum = "NAD83";
    Orientation = 0.0000000000000000e+00;
  }
  ResamplingInfo =
  {
    Method = "1 PASS";
    Kernel = "Bilinear";
  }
}

```

```

SatelliteAngleOfIncidence = 0.0000000000000000e+00;
SatelliteAngleOfIncidenceDirection = "L";
SatelliteIncidentOrientation = 0.0000000000000000e+00;
SatelliteOffNadirPointingAngle = 0.0000000000000000e+00;
OffNadirPointingAngle = 0.0000000000000000e+00;
DemCorrection =
{
    WasApplied = FALSE;
}
ElevationCorrection =
{
    WasApplied = FALSE;
}
RadiometricCorrection =
{
    WasApplied = FALSE;
}
}
=====
ImageCorrection.input:
=====
{
    commonChildInputParams =
    {
        inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003018400001/Input_";
        productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003018400001/Product_";
        reportName = "ImageCorrection.report";
    }
    priority = 7.0000000000000000e+00F;
    InputImageFile =
"/usr1/nlaps/RT/workorders/011011003018400001/Input_LZR_Main.tif";
    InputDemFile =
"/usr1/nlaps/RT/workorders/011011003018400001/DEM__OPR_WarpResampler.tif";
    ResampleImageOrDemFlag = TRUE;
    productSpecification =
    {
        satellite = "LS7 ";
        sensor = "ETMP";
        processingLevel = "Precision Geocorrection";
        outputPixelType = 2;
        blackfillEdgeChoice = 1;
        path = 46;
        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;
    ]
    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;
}
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 = 2.3476500000000000e+05;
  y = 1.8925500000000000e+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 = 7324;
        numPixels = 7711;
    }
    {
        numLines = 7324;
        numPixels = 7711;
    }
    {
        numLines = 7324;
        numPixels = 7711;
    }
    {
        numLines = 7324;
        numPixels = 7711;
    }
    {
        numLines = 7324;
        numPixels = 7711;
    }
    {
        numLines = 7324;
        numPixels = 7711;
    }
    {
        numLines = 3662;
        numPixels = 3855;
    }
    {
        numLines = 7324;
        numPixels = 7711;
    }
    {
        numLines = 14648;
        numPixels = 15422;
    }
    {
        numLines = 3662;
        numPixels = 3855;
    }

```

```

    }
]
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;
    }
    }
    ]
}
=====
ImageCorrection.output:
=====
{
    outputImage =
    {
        outputImageHandle =
"/usr1/nlaps/RT/workorders/011011003018400001/Product__OPR_MsResampler.tif";
        outputImageAllocationId = 237912L;
    }
}
=====
ImageCorrection.report:
=====
{
    ReportHeader =
    {
        ReportName = "resamplerReport";
        VersionNumber = 1.000000000000000e+00;
        WorkOrderId = "011011003018400001";
        StartTime = "Tue Oct 23 15:50:55 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 23;
            hour = 15;
            minute = 50;
            sec = 55;
            usec = 0;
            time_system = 2;
        }
    }
}

```

[illegible]

[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 = 9.67528e-01;
        offset = -8.03239e+00;
    }
    {
        gain = 9.56651e-01;
        offset = -7.84399e+00;
    }
    {
        gain = 9.51237e-01;
        offset = -7.74380e+00;
    }
    {
        gain = 9.49906e-01;
        offset = -7.74276e+00;
    }
    {
        gain = 9.43530e-01;
        offset = -7.36784e+00;
    }
]
```

```

    {
        gain = 9.42283e-01;
        offset = -7.19916e+00;
    }
    {
        gain = 9.53460e-01;
        offset = -7.49330e+00;
    }
    {
        gain = 9.50352e-01;
        offset = -7.41738e+00;
    }
    {
        gain = 9.45340e-01;
        offset = -7.36541e+00;
    }
    {
        gain = 9.41673e-01;
        offset = -7.14911e+00;
    }
    {
        gain = 9.44328e-01;
        offset = -7.15987e+00;
    }
    {
        gain = 9.39755e-01;
        offset = -7.31544e+00;
    }
    {
        gain = 9.48694e-01;
        offset = -7.39935e+00;
    }
    {
        gain = 9.44003e-01;
        offset = -7.61660e+00;
    }
    {
        gain = 9.62100e-01;
        offset = -8.26528e+00;
    }
    {
        gain = 9.65120e-01;
        offset = -8.43940e+00;
    }
]
[
    {
        gain = 9.67528e-01;
        offset = -8.03239e+00;
    }
    {
        gain = 9.56651e-01;
        offset = -7.84399e+00;
    }
    {
        gain = 9.51237e-01;
        offset = -7.74380e+00;
    }

```

```

    }
    {
        gain = 9.49906e-01;
        offset = -7.74276e+00;
    }
    {
        gain = 9.43530e-01;
        offset = -7.36784e+00;
    }
    {
        gain = 9.42283e-01;
        offset = -7.19916e+00;
    }
    {
        gain = 9.53460e-01;
        offset = -7.49330e+00;
    }
    {
        gain = 9.50352e-01;
        offset = -7.41738e+00;
    }
    {
        gain = 9.45340e-01;
        offset = -7.36541e+00;
    }
    {
        gain = 9.41673e-01;
        offset = -7.14911e+00;
    }
    {
        gain = 9.44328e-01;
        offset = -7.15987e+00;
    }
    {
        gain = 9.39755e-01;
        offset = -7.31544e+00;
    }
    {
        gain = 9.48694e-01;
        offset = -7.39935e+00;
    }
    {
        gain = 9.44003e-01;
        offset = -7.61660e+00;
    }
    {
        gain = 9.62100e-01;
        offset = -8.26528e+00;
    }
    {
        gain = 9.65120e-01;
        offset = -8.43940e+00;
    }
}
]
}
{

```

[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 = 9.48542e-01;
    offset = -8.14650e+00;
}
{
    gain = 9.58059e-01;
    offset = -8.02999e+00;
}
{
    gain = 9.48830e-01;
    offset = -7.70502e+00;
}
{
    gain = 9.52023e-01;
    offset = -7.72736e+00;
}
{
    gain = 9.39221e-01;
    offset = -7.23194e+00;
}
{
    gain = 9.39959e-01;
    offset = -7.36641e+00;
}
}
```

```

    gain = 9.57795e-01;
    offset = -7.59289e+00;
}
{
    gain = 9.38756e-01;
    offset = -7.47767e+00;
}
{
    gain = 9.37668e-01;
    offset = -7.28616e+00;
}
{
    gain = 9.39984e-01;
    offset = -7.26776e+00;
}
{
    gain = 9.41873e-01;
    offset = -7.29678e+00;
}
{
    gain = 9.43882e-01;
    offset = -7.53226e+00;
}
{
    gain = 9.52495e-01;
    offset = -7.55467e+00;
}
{
    gain = 9.41205e-01;
    offset = -7.63584e+00;
}
{
    gain = 9.55771e-01;
    offset = -7.91560e+00;
}
{
    gain = 9.61694e-01;
    offset = -8.15287e+00;
}
]
[
    {
        gain = 9.48542e-01;
        offset = -8.14650e+00;
    }
    {
        gain = 9.58059e-01;
        offset = -8.02999e+00;
    }
    {
        gain = 9.48830e-01;
        offset = -7.70502e+00;
    }
    {
        gain = 9.52023e-01;
        offset = -7.72736e+00;
    }
}

```

```

    {
        gain = 9.39221e-01;
        offset = -7.23194e+00;
    }
    {
        gain = 9.39959e-01;
        offset = -7.36641e+00;
    }
    {
        gain = 9.57795e-01;
        offset = -7.59289e+00;
    }
    {
        gain = 9.38756e-01;
        offset = -7.47767e+00;
    }
    {
        gain = 9.37668e-01;
        offset = -7.28616e+00;
    }
    {
        gain = 9.39984e-01;
        offset = -7.26776e+00;
    }
    {
        gain = 9.41873e-01;
        offset = -7.29678e+00;
    }
    {
        gain = 9.43882e-01;
        offset = -7.53226e+00;
    }
    {
        gain = 9.52495e-01;
        offset = -7.55467e+00;
    }
    {
        gain = 9.41205e-01;
        offset = -7.63584e+00;
    }
    {
        gain = 9.55771e-01;
        offset = -7.91560e+00;
    }
    {
        gain = 9.61694e-01;
        offset = -8.15287e+00;
    }
    ]
}
{
    bandNumber = 3L;
    gainOffsetCoefficient =
    {
        gain = 6.19216e-01;
        offset = -5.00000e+00;
    }
}

```

[illegible]

[illegible]

```

    }
    {
        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 = 9.56536e-01;
        offset = -7.93395e+00;
    }
    {
        gain = 9.51018e-01;
        offset = -7.78696e+00;
    }
    {
        gain = 9.55211e-01;
        offset = -7.74745e+00;
    }
    {
        gain = 9.53049e-01;
        offset = -7.77866e+00;
    }
    {
        gain = 9.54417e-01;
        offset = -7.65887e+00;
    }
    {
        gain = 9.41427e-01;
        offset = -7.49730e+00;
    }
    {
        gain = 9.50560e-01;
        offset = -7.57386e+00;
    }
    {
        gain = 9.39579e-01;

```

```

    offset = -7.36840e+00;
  }
  {
    gain = 9.47224e-01;
    offset = -7.52230e+00;
  }
  {
    gain = 9.55946e-01;
    offset = -7.53125e+00;
  }
  {
    gain = 9.56093e-01;
    offset = -7.65853e+00;
  }
  {
    gain = 9.48923e-01;
    offset = -7.59090e+00;
  }
  {
    gain = 9.50372e-01;
    offset = -7.59963e+00;
  }
  {
    gain = 9.50307e-01;
    offset = -7.59600e+00;
  }
  {
    gain = 9.57666e-01;
    offset = -8.04469e+00;
  }
  {
    gain = 9.64880e-01;
    offset = -8.11217e+00;
  }
]
[
  {
    gain = 9.56536e-01;
    offset = -7.93395e+00;
  }
  {
    gain = 9.51018e-01;
    offset = -7.78696e+00;
  }
  {
    gain = 9.55211e-01;
    offset = -7.74745e+00;
  }
  {
    gain = 9.53049e-01;
    offset = -7.77866e+00;
  }
  {
    gain = 9.54417e-01;
    offset = -7.65887e+00;
  }
  {

```

```

        gain = 9.41427e-01;
        offset = -7.49730e+00;
    }
    {
        gain = 9.50560e-01;
        offset = -7.57386e+00;
    }
    {
        gain = 9.39579e-01;
        offset = -7.36840e+00;
    }
    {
        gain = 9.47224e-01;
        offset = -7.52230e+00;
    }
    {
        gain = 9.55946e-01;
        offset = -7.53125e+00;
    }
    {
        gain = 9.56093e-01;
        offset = -7.65853e+00;
    }
    {
        gain = 9.48923e-01;
        offset = -7.59090e+00;
    }
    {
        gain = 9.50372e-01;
        offset = -7.59963e+00;
    }
    {
        gain = 9.50307e-01;
        offset = -7.59600e+00;
    }
    {
        gain = 9.57666e-01;
        offset = -8.04469e+00;
    }
    {
        gain = 9.64880e-01;
        offset = -8.11217e+00;
    }
    ]
}
{
    bandNumber = 4L;
    gainOffsetCoefficient =
    {
        gain = 9.65490e-01;
        offset = -5.10001e+00;
    }
    lowerReflectanceLimit = 0L;
    upperReflectanceLimit = 100L;
    referenceDetector = 7L;
    useDefaultAbsCalibration = FALSE;
}

```

```
numberDetectors = 16L;
calibrationCoeffs_ =
[
  {
    gain = 9.73577e-01;
    offset = -5.34006e+00;
  }
  {
    gain = 9.53115e-01;
    offset = -4.98189e+00;
  }
  {
    gain = 9.62224e-01;
    offset = -5.07615e+00;
  }
  {
    gain = 9.59918e-01;
    offset = -5.16957e+00;
  }
  {
    gain = 9.61416e-01;
    offset = -5.03794e+00;
  }
  {
    gain = 9.52630e-01;
    offset = -5.02402e+00;
  }
  {
    gain = 9.60977e-01;
    offset = -5.00162e+00;
  }
  {
    gain = 9.52771e-01;
    offset = -4.65351e+00;
  }
  {
    gain = 9.70793e-01;
    offset = -5.25770e+00;
  }
  {
    gain = 9.58893e-01;
    offset = -4.72294e+00;
  }
  {
    gain = 9.64344e-01;
    offset = -4.95459e+00;
  }
  {
    gain = 9.68786e-01;
    offset = -5.20329e+00;
  }
  {
    gain = 9.53241e-01;
    offset = -5.12524e+00;
  }
  {

```

```

    gain = 9.73656e-01;
    offset = -5.52978e+00;
}
{
    gain = 9.64464e-01;
    offset = -5.03210e+00;
}
{
    gain = 9.69175e-01;
    offset = -5.23609e+00;
}
]
[
    {
        gain = 9.73577e-01;
        offset = -5.34006e+00;
    }
    {
        gain = 9.53115e-01;
        offset = -4.98189e+00;
    }
    {
        gain = 9.62224e-01;
        offset = -5.07615e+00;
    }
    {
        gain = 9.59918e-01;
        offset = -5.16957e+00;
    }
    {
        gain = 9.61416e-01;
        offset = -5.03794e+00;
    }
    {
        gain = 9.52630e-01;
        offset = -5.02402e+00;
    }
    {
        gain = 9.60977e-01;
        offset = -5.00162e+00;
    }
    {
        gain = 9.52771e-01;
        offset = -4.65351e+00;
    }
    {
        gain = 9.70793e-01;
        offset = -5.25770e+00;
    }
    {
        gain = 9.58893e-01;
        offset = -4.72294e+00;
    }
    {
        gain = 9.64344e-01;
        offset = -4.95459e+00;
    }
}

```

[illegible]

[illegible]

```

        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 = 5L;
    gainOffsetCoefficient =
    {
        gain = 1.25725e-01;
        offset = -9.99998e-01;
    }
    lowerReflectanceLimit = 0L;
    upperReflectanceLimit = 100L;
    referenceDetector = 14L;
    useDefaultAbsCalibration = FALSE;
    numberDetectors = 16L;
    calibrationCoeffs_ =
    [
        [
            {

```

[illegible]


```

        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 = 9.53798e-01;
        offset = -7.27130e+00;
    }
    {
        gain = 9.51635e-01;
        offset = -7.64346e+00;
    }
    {
        gain = 9.50885e-01;
        offset = -7.58344e+00;
    }
    {
        gain = 9.45276e-01;
        offset = -7.47355e+00;
    }
    {
        gain = 9.44761e-01;
        offset = -7.29243e+00;
    }
    {
        gain = 9.50754e-01;
        offset = -7.60280e+00;
    }
    {
        gain = 9.61824e-01;
        offset = -7.68168e+00;
    }
    {
        gain = 9.56442e-01;
        offset = -7.56787e+00;
    }
    {
        gain = 9.56687e-01;
        offset = -7.55860e+00;
    }
    {
        gain = 9.48685e-01;
        offset = -7.35981e+00;
    }
]

```

```

    {
        gain = 9.53906e-01;
        offset = -7.89828e+00;
    }
    {
        gain = 9.61269e-01;
        offset = -7.63571e+00;
    }
    {
        gain = 9.55134e-01;
        offset = -7.62725e+00;
    }
    {
        gain = 9.60991e-01;
        offset = -7.77783e+00;
    }
    {
        gain = 9.58543e-01;
        offset = -7.62364e+00;
    }
    {
        gain = 9.55417e-01;
        offset = -7.82296e+00;
    }
]
[
    {
        gain = 9.53798e-01;
        offset = -7.27130e+00;
    }
    {
        gain = 9.51635e-01;
        offset = -7.64346e+00;
    }
    {
        gain = 9.50885e-01;
        offset = -7.58344e+00;
    }
    {
        gain = 9.45276e-01;
        offset = -7.47355e+00;
    }
    {
        gain = 9.44761e-01;
        offset = -7.29243e+00;
    }
    {
        gain = 9.50754e-01;
        offset = -7.60280e+00;
    }
    {
        gain = 9.61824e-01;
        offset = -7.68168e+00;
    }
    {
        gain = 9.56442e-01;
        offset = -7.56787e+00;
    }

```

```

    }
    {
        gain = 9.56687e-01;
        offset = -7.55860e+00;
    }
    {
        gain = 9.48685e-01;
        offset = -7.35981e+00;
    }
    {
        gain = 9.53906e-01;
        offset = -7.89828e+00;
    }
    {
        gain = 9.61269e-01;
        offset = -7.63571e+00;
    }
    {
        gain = 9.55134e-01;
        offset = -7.62725e+00;
    }
    {
        gain = 9.60991e-01;
        offset = -7.77783e+00;
    }
    {
        gain = 9.58543e-01;
        offset = -7.62364e+00;
    }
    {
        gain = 9.55417e-01;
        offset = -7.82296e+00;
    }
    ]
]
}
{
    bandNumber = 6L;
    gainOffsetCoefficient =
    {
        gain = 6.68235e-02;
        offset = 0.00000e+00;
    }
    lowerReflectanceLimit = 0L;
    upperReflectanceLimit = 100L;
    referenceDetector = 8L;
    useDefaultAbsCalibration = FALSE;
    numberDetectors = 8L;
    calibrationCoeffs_ =
    [
        [
            {
                gain = 8.68325e-01;
                offset = 2.62687e+01;
            }
            {
                gain = 8.83405e-01;

```

```

        offset = 2.46159e+01;
    }
    {
        gain = 8.58188e-01;
        offset = 2.72527e+01;
    }
    {
        gain = 8.60779e-01;
        offset = 2.69237e+01;
    }
    {
        gain = 8.42107e-01;
        offset = 2.88588e+01;
    }
    {
        gain = 8.86199e-01;
        offset = 2.42612e+01;
    }
    {
        gain = 8.43477e-01;
        offset = 2.86785e+01;
    }
    {
        gain = 8.29833e-01;
        offset = 3.00359e+01;
    }
]
[
    {
        gain = 8.68325e-01;
        offset = 2.62687e+01;
    }
    {
        gain = 8.83405e-01;
        offset = 2.46159e+01;
    }
    {
        gain = 8.58188e-01;
        offset = 2.72527e+01;
    }
    {
        gain = 8.60779e-01;
        offset = 2.69237e+01;
    }
    {
        gain = 8.42107e-01;
        offset = 2.88588e+01;
    }
    {
        gain = 8.86199e-01;
        offset = 2.42612e+01;
    }
    {
        gain = 8.43477e-01;
        offset = 2.86785e+01;
    }
    {

```

```

        gain = 8.29833e-01;
        offset = 3.00359e+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;
    }

```

[illegible]

```

    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 = 1.000000e+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 = 9.51411e-01;
  offset = -7.70693e+00;
}
{
  gain = 9.48646e-01;
  offset = -7.52911e+00;
}
```

```
}
{
    gain = 9.62877e-01;
    offset = -7.73426e+00;
}
{
    gain = 9.29665e-01;
    offset = -7.40969e+00;
}
{
    gain = 9.49610e-01;
    offset = -7.44851e+00;
}
{
    gain = 9.61719e-01;
    offset = -7.69387e+00;
}
{
    gain = 9.51446e-01;
    offset = -7.55046e+00;
}
{
    gain = 9.50082e-01;
    offset = -7.52246e+00;
}
{
    gain = 9.51341e-01;
    offset = -7.55293e+00;
}
{
    gain = 9.56912e-01;
    offset = -7.57659e+00;
}
{
    gain = 9.56422e-01;
    offset = -7.66713e+00;
}
{
    gain = 9.59429e-01;
    offset = -7.80197e+00;
}
{
    gain = 9.50132e-01;
    offset = -7.48868e+00;
}
{
    gain = 9.62939e-01;
    offset = -7.79029e+00;
}
{
    gain = 9.55755e-01;
    offset = -7.83776e+00;
}
{
    gain = 9.55347e-01;
    offset = -7.79017e+00;
}
}
```

```

]
[
{
    gain = 9.51411e-01;
    offset = -7.70693e+00;
}
{
    gain = 9.48646e-01;
    offset = -7.52911e+00;
}
{
    gain = 9.62877e-01;
    offset = -7.73426e+00;
}
{
    gain = 9.29665e-01;
    offset = -7.40969e+00;
}
{
    gain = 9.49610e-01;
    offset = -7.44851e+00;
}
{
    gain = 9.61719e-01;
    offset = -7.69387e+00;
}
{
    gain = 9.51446e-01;
    offset = -7.55046e+00;
}
{
    gain = 9.50082e-01;
    offset = -7.52246e+00;
}
{
    gain = 9.51341e-01;
    offset = -7.55293e+00;
}
{
    gain = 9.56912e-01;
    offset = -7.57659e+00;
}
{
    gain = 9.56422e-01;
    offset = -7.66713e+00;
}
{
    gain = 9.59429e-01;
    offset = -7.80197e+00;
}
{
    gain = 9.50132e-01;
    offset = -7.48868e+00;
}
{
    gain = 9.62939e-01;
    offset = -7.79029e+00;
}

```

```

    }
    {
        gain = 9.55755e-01;
        offset = -7.83776e+00;
    }
    {
        gain = 9.55347e-01;
        offset = -7.79017e+00;
    }
    ]
]
}
{
    bandNumber = 8L;
    gainOffsetCoefficient =
    {
        gain = 9.71765e-01;
        offset = -4.70000e+00;
    }
    lowerReflectanceLimit = 0L;
    upperReflectanceLimit = 100L;
    referenceDetector = 27L;
    useDefaultAbsCalibration = FALSE;
    numberDetectors = 32L;
    calibrationCoeffs_ =
    [
        [
            {
                gain = 9.61895e-01;
                offset = -4.70065e+00;
            }
            {
                gain = 9.67725e-01;
                offset = -4.72156e+00;
            }
            {
                gain = 9.69084e-01;
                offset = -4.77604e+00;
            }
            {
                gain = 9.67370e-01;
                offset = -4.67546e+00;
            }
            {
                gain = 9.55480e-01;
                offset = -4.51997e+00;
            }
            {
                gain = 9.59943e-01;
                offset = -4.68661e+00;
            }
            {
                gain = 9.56908e-01;
                offset = -4.47758e+00;
            }
            {
                gain = 9.68336e-01;

```

```
    offset = -4.60263e+00;  
}  
{  
    gain = 9.54157e-01;  
    offset = -4.66921e+00;  
}  
{  
    gain = 9.61369e-01;  
    offset = -4.54574e+00;  
}  
{  
    gain = 9.57588e-01;  
    offset = -4.68748e+00;  
}  
{  
    gain = 9.61563e-01;  
    offset = -4.66259e+00;  
}  
{  
    gain = 9.60445e-01;  
    offset = -4.72512e+00;  
}  
{  
    gain = 9.66326e-01;  
    offset = -4.79326e+00;  
}  
{  
    gain = 9.50874e-01;  
    offset = -4.54651e+00;  
}  
{  
    gain = 9.64526e-01;  
    offset = -4.61633e+00;  
}  
{  
    gain = 9.66543e-01;  
    offset = -4.79117e+00;  
}  
{  
    gain = 9.55938e-01;  
    offset = -4.73787e+00;  
}  
{  
    gain = 9.56544e-01;  
    offset = -4.66241e+00;  
}  
{  
    gain = 9.59348e-01;  
    offset = -4.43060e+00;  
}  
{  
    gain = 9.53307e-01;  
    offset = -4.69274e+00;  
}  
{  
    gain = 9.57282e-01;  
    offset = -4.53527e+00;
```

```

    }
    {
        gain = 9.51344e-01;
        offset = -4.46947e+00;
    }
    {
        gain = 9.51910e-01;
        offset = -4.40278e+00;
    }
    {
        gain = 9.66718e-01;
        offset = -4.58708e+00;
    }
    {
        gain = 9.57896e-01;
        offset = -4.58396e+00;
    }
    {
        gain = 9.66922e-01;
        offset = -4.70298e+00;
    }
    {
        gain = 9.60553e-01;
        offset = -4.52555e+00;
    }
    {
        gain = 9.67929e-01;
        offset = -4.83786e+00;
    }
    {
        gain = 9.55840e-01;
        offset = -4.64964e+00;
    }
    {
        gain = 9.69637e-01;
        offset = -4.87897e+00;
    }
    {
        gain = 9.58242e-01;
        offset = -4.78336e+00;
    }
]
[
    {
        gain = 9.61895e-01;
        offset = -4.70065e+00;
    }
    {
        gain = 9.67725e-01;
        offset = -4.72156e+00;
    }
    {
        gain = 9.69084e-01;
        offset = -4.77604e+00;
    }
    {
        gain = 9.67370e-01;

```

```
    offset = -4.67546e+00;  
  }  
  {  
    gain = 9.55480e-01;  
    offset = -4.51997e+00;  
  }  
  {  
    gain = 9.59943e-01;  
    offset = -4.68661e+00;  
  }  
  {  
    gain = 9.56908e-01;  
    offset = -4.47758e+00;  
  }  
  {  
    gain = 9.68336e-01;  
    offset = -4.60263e+00;  
  }  
  {  
    gain = 9.54157e-01;  
    offset = -4.66921e+00;  
  }  
  {  
    gain = 9.61369e-01;  
    offset = -4.54574e+00;  
  }  
  {  
    gain = 9.57588e-01;  
    offset = -4.68748e+00;  
  }  
  {  
    gain = 9.61563e-01;  
    offset = -4.66259e+00;  
  }  
  {  
    gain = 9.60445e-01;  
    offset = -4.72512e+00;  
  }  
  {  
    gain = 9.66326e-01;  
    offset = -4.79326e+00;  
  }  
  {  
    gain = 9.50874e-01;  
    offset = -4.54651e+00;  
  }  
  {  
    gain = 9.64526e-01;  
    offset = -4.61633e+00;  
  }  
  {  
    gain = 9.66543e-01;  
    offset = -4.79117e+00;  
  }  
  {  
    gain = 9.55938e-01;  
    offset = -4.73787e+00;  
  }
```

```
}
{
    gain = 9.56544e-01;
    offset = -4.66241e+00;
}
{
    gain = 9.59348e-01;
    offset = -4.43060e+00;
}
{
    gain = 9.53307e-01;
    offset = -4.69274e+00;
}
{
    gain = 9.57282e-01;
    offset = -4.53527e+00;
}
{
    gain = 9.51344e-01;
    offset = -4.46947e+00;
}
{
    gain = 9.51910e-01;
    offset = -4.40278e+00;
}
{
    gain = 9.66718e-01;
    offset = -4.58708e+00;
}
{
    gain = 9.57896e-01;
    offset = -4.58396e+00;
}
{
    gain = 9.66922e-01;
    offset = -4.70298e+00;
}
{
    gain = 9.60553e-01;
    offset = -4.52555e+00;
}
{
    gain = 9.67929e-01;
    offset = -4.83786e+00;
}
{
    gain = 9.55840e-01;
    offset = -4.64964e+00;
}
{
    gain = 9.69637e-01;
    offset = -4.87897e+00;
}
{
    gain = 9.58242e-01;
    offset = -4.78336e+00;
}
}
```

[illegible]

[illegible]

[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;
    }
}
]
}
{
bandNumber = 9L;
gainOffsetCoefficient =
{
    gain = 3.70588e-02;
    offset = 3.20000e+00;
}
lowerReflectanceLimit = 0L;
upperReflectanceLimit = 100L;
referenceDetector = 8L;
useDefaultAbsCalibration = FALSE;
numberDetectors = 8L;
calibrationCoeffs_ =
[
    [
        {
            gain = 1.000000e+00;
            offset = 0.000000e+00;
        }
        {
            gain = 1.000000e+00;
            offset = 0.000000e+00;
        }
    ]
]
```

[illegible]

```

    offset = 0.00000e+00;
  }
]
[
  {
    gain = 9.44910e-01;
    offset = 3.52680e+00;
  }
  {
    gain = 9.59271e-01;
    offset = 1.97203e+00;
  }
  {
    gain = 9.31330e-01;
    offset = 4.93008e+00;
  }
  {
    gain = 9.34042e-01;
    offset = 4.48807e+00;
  }
  {
    gain = 9.15493e-01;
    offset = 6.41314e+00;
  }
  {
    gain = 9.66825e-01;
    offset = 9.52194e-01;
  }
  {
    gain = 9.14190e-01;
    offset = 6.42117e+00;
  }
  {
    gain = 8.98084e-01;
    offset = 7.96812e+00;
  }
]
[
  {
    gain = 9.44910e-01;
    offset = 3.52680e+00;
  }
  {
    gain = 9.59271e-01;
    offset = 1.97203e+00;
  }
  {
    gain = 9.31330e-01;
    offset = 4.93008e+00;
  }
  {
    gain = 9.34042e-01;
    offset = 4.48807e+00;
  }
  {
    gain = 9.15493e-01;
    offset = 6.41314e+00;
  }

```

```

    }
    {
        gain = 9.66825e-01;
        offset = 9.52194e-01;
    }
    {
        gain = 9.14190e-01;
        offset = 6.42117e+00;
    }
    {
        gain = 8.98084e-01;
        offset = 7.96812e+00;
    }
    ]
    ]
    }
    ]
    }
    }
}

=====
RadQa.input:
=====
{
    commonChildInputParams =
    {
        productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003018400001/Product_";
        reportName = "RadQa.report";
    }
    MeasureBandSaturation = TRUE;
    ImagePathname =
"/usr1/nlaps/RT/workorders/011011003018400001/Product__OPR_MsResampler.tif";
    MeasureDetectorStriping = TRUE;
    satellite = "LS7 ";
    sensor = "ETMP";
}

=====
RadQa.report:
=====
{
    ReportHeader =
    {
        ReportName = "RadiometricQA_Report";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "011011003018400001";
        StartTime = "Tue Oct 23 16:04:10 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 23;
            hour = 16;
            minute = 4;
            sec = 10;
            usec = 0;
            time_system = 2;
        }
    }
}

```

```

}
CompletionTime = "Tue Oct 23 16:04:12 2001";
CompletionTimeRecord =
{
    year = 2001;
    month = 10;
    day = 23;
    hour = 16;
    minute = 4;
    sec = 12;
    usec = 0;
    time_system = 2;
}
CpuTime = 6.200000000000000e-01;
}
BandSaturationCounts =
[
    {
        Band = 1L;
        NumSaturatedPixels = 0.000000000000000e+00;
        PercentSaturatedPixels = 0.000000000000000e+00;
    }
    {
        Band = 2L;
        NumSaturatedPixels = 0.000000000000000e+00;
        PercentSaturatedPixels = 0.000000000000000e+00;
    }
    {
        Band = 3L;
        NumSaturatedPixels = 0.000000000000000e+00;
        PercentSaturatedPixels = 0.000000000000000e+00;
    }
    {
        Band = 4L;
        NumSaturatedPixels = 0.000000000000000e+00;
        PercentSaturatedPixels = 0.000000000000000e+00;
    }
    {
        Band = 5L;
        NumSaturatedPixels = 0.000000000000000e+00;
        PercentSaturatedPixels = 0.000000000000000e+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 = 1.280980664270727e-01;
        }
        {
            Band = 2L;
            BandStriping = 1.226086670746788e-01;
        }
        {
            Band = 3L;
            BandStriping = 1.838906556987432e-01;
        }
        {
            Band = 4L;
            BandStriping = 2.679372364292134e-01;
        }
        {
            Band = 5L;
            BandStriping = 3.596759589544182e-01;
        }
        {
            Band = 6L;
            BandStriping = 1.168539123654275e-01;
        }
        {
            Band = 7L;
            BandStriping = 2.351758530972093e-01;
        }
        {
            Band = 8L;
            BandStriping = 1.743461518803367e-01;
        }
        {
            Band = 9L;
            BandStriping = 1.947262776201417e-01;
        }
    ]
}
ChipMeasurements =
[
    {
        Band = 1L;
        Lines = 128L;
        PixelsPerLine = 128L;
        CentreLineAttr = 1.197599975585938e+03;
        CentrePixelAttr = 1.268000000000000e+03;
        Mean = 7.609857177734375e+01;
        StandardDeviation = 3.447681554822033e+00;
    }
]

```

```

    ChipStriping = 1.637906137725287e-01;
}
{
    Band = 1L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.394199951171875e+03;
    CentrePixelAttr = 2.535000000000000e+03;
    Mean = 6.717590332031250e+01;
    StandardDeviation = 1.301316703814514e+00;
    ChipStriping = 8.193667110183361e-02;
}
{
    Band = 1L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 3.590800048828125e+03;
    CentrePixelAttr = 3.802000244140625e+03;
    Mean = 6.400006103515625e+01;
    StandardDeviation = 2.824849206747307e+00;
    ChipStriping = 1.226285459944866e-01;
}
{
    Band = 1L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 4.787399902343750e+03;
    CentrePixelAttr = 5.069000000000000e+03;
    Mean = 5.781390380859375e+01;
    StandardDeviation = 7.239519591817014e-01;
    ChipStriping = 1.440364348394420e-01;
}
{
    Band = 2L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.197599975585938e+03;
    CentrePixelAttr = 1.268000000000000e+03;
    Mean = 6.243353271484375e+01;
    StandardDeviation = 3.875711682842366e+00;
    ChipStriping = 1.412684507858986e-01;
}
{
    Band = 2L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.394199951171875e+03;
    CentrePixelAttr = 2.535000000000000e+03;
    Mean = 5.576007080078125e+01;
    StandardDeviation = 1.872018389511605e+00;
    ChipStriping = 7.003374616374401e-02;
}
{
    Band = 2L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 3.590800048828125e+03;

```

```

    CentrePixelAttr = 3.802000244140625e+03;
    Mean = 5.078112792968750e+01;
    StandardDeviation = 4.509228355087910e+00;
    ChipStriping = 1.668363471565540e-01;
}
{
    Band = 2L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 4.787399902343750e+03;
    CentrePixelAttr = 5.069000000000000e+03;
    Mean = 4.413793945312500e+01;
    StandardDeviation = 1.411318461207952e+00;
    ChipStriping = 1.122961241925184e-01;
}
{
    Band = 3L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.197599975585938e+03;
    CentrePixelAttr = 1.268000000000000e+03;
    Mean = 4.990826416015625e+01;
    StandardDeviation = 6.744406908093866e+00;
    ChipStriping = 2.280661306467706e-01;
}
{
    Band = 3L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.394199951171875e+03;
    CentrePixelAttr = 2.535000000000000e+03;
    Mean = 4.237396240234375e+01;
    StandardDeviation = 3.065043793639810e+00;
    ChipStriping = 2.456349528818261e-01;
}
{
    Band = 3L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 3.590800048828125e+03;
    CentrePixelAttr = 3.802000244140625e+03;
    Mean = 3.555578613281250e+01;
    StandardDeviation = 4.651760393045804e+00;
    ChipStriping = 1.671827627505669e-01;
}
{
    Band = 3L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 4.787399902343750e+03;
    CentrePixelAttr = 5.069000000000000e+03;
    Mean = 3.071307373046875e+01;
    StandardDeviation = 1.321494649666161e+00;
    ChipStriping = 9.467877651580950e-02;
}
{
    Band = 4L;

```

```

    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.197599975585938e+03;
    CentrePixelAttr = 1.268000000000000e+03;
    Mean = 1.061318969726562e+02;
    StandardDeviation = 4.218762955380787e+00;
    ChipStriping = 2.334067849751238e-01;
}
{
    Band = 4L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.394199951171875e+03;
    CentrePixelAttr = 2.535000000000000e+03;
    Mean = 9.745520019531250e+01;
    StandardDeviation = 5.580441331909532e+00;
    ChipStriping = 3.218254842257632e-01;
}
{
    Band = 4L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 3.590800048828125e+03;
    CentrePixelAttr = 3.802000244140625e+03;
    Mean = 9.493127441406250e+01;
    StandardDeviation = 3.784929028551787e+00;
    ChipStriping = 1.938457862473642e-01;
}
{
    Band = 4L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 4.787399902343750e+03;
    CentrePixelAttr = 5.069000000000000e+03;
    Mean = 7.229650878906250e+01;
    StandardDeviation = 8.112488304292862e+00;
    ChipStriping = 3.226708902686023e-01;
}
{
    Band = 5L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.197599975585938e+03;
    CentrePixelAttr = 1.268000000000000e+03;
    Mean = 9.126715087890625e+01;
    StandardDeviation = 1.115286678266875e+01;
    ChipStriping = 6.338330199080743e-01;
}
{
    Band = 5L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.394199951171875e+03;
    CentrePixelAttr = 2.535000000000000e+03;
    Mean = 7.971264648437500e+01;
    StandardDeviation = 7.588603339973366e+00;
    ChipStriping = 4.283255526937658e-01;
}

```

```

}
{
    Band = 5L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 3.590800048828125e+03;
    CentrePixelAttr = 3.802000244140625e+03;
    Mean = 5.477874755859375e+01;
    StandardDeviation = 4.222738111251220e+00;
    ChipStriping = 1.924612520595428e-01;
}
{
    Band = 5L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 4.787399902343750e+03;
    CentrePixelAttr = 5.069000000000000e+03;
    Mean = 4.455926513671875e+01;
    StandardDeviation = 2.748050783909645e+00;
    ChipStriping = 1.840840111562899e-01;
}
{
    Band = 6L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 5.992000122070312e+02;
    CentrePixelAttr = 6.344000244140625e+02;
    Mean = 1.327269897460938e+02;
    StandardDeviation = 2.214842739979616e+00;
    ChipStriping = 1.638150631582975e-01;
}
{
    Band = 6L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.197400024414062e+03;
    CentrePixelAttr = 1.267800048828125e+03;
    Mean = 1.261584472656250e+02;
    StandardDeviation = 1.771007317990478e+00;
    ChipStriping = 1.088769089805121e-01;
}
{
    Band = 6L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.795600097656250e+03;
    CentrePixelAttr = 1.901200073242188e+03;
    Mean = 1.242199707031250e+02;
    StandardDeviation = 1.001595862869929e+00;
    ChipStriping = 9.517949046769075e-02;
}
{
    Band = 6L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.393800048828125e+03;
    CentrePixelAttr = 2.534600097656250e+03;

```

```

Mean = 1.240889892578125e+02;
StandardDeviation = 1.091717923607520e+00;
ChipStriping = 9.954418685520958e-02;
}
{
Band = 7L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 1.197599975585938e+03;
CentrePixelAttr = 1.268000000000000e+03;
Mean = 4.248114013671875e+01;
StandardDeviation = 7.909661956931770e+00;
ChipStriping = 4.499963169259328e-01;
}
{
Band = 7L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 2.394199951171875e+03;
CentrePixelAttr = 2.535000000000000e+03;
Mean = 4.267779541015625e+01;
StandardDeviation = 4.562986661074919e+00;
ChipStriping = 3.455566525597125e-01;
}
{
Band = 7L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 3.590800048828125e+03;
CentrePixelAttr = 3.802000244140625e+03;
Mean = 2.706616210937500e+01;
StandardDeviation = 1.775887414567319e+00;
ChipStriping = 7.287936503042550e-02;
}
{
Band = 7L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 4.787399902343750e+03;
CentrePixelAttr = 5.069000000000000e+03;
Mean = 2.253375244140625e+01;
StandardDeviation = 1.845352752167396e+00;
ChipStriping = 7.227107787276646e-02;
}
{
Band = 8L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 2.394400146484375e+03;
CentrePixelAttr = 2.536800048828125e+03;
Mean = 7.249731445312500e+01;
StandardDeviation = 3.530363182520557e+00;
ChipStriping = 1.736936081300081e-01;
}
{
Band = 8L;
Lines = 128L;

```

```

    PixelsPerLine = 128L;
    CentreLineAttr = 4.787800292968750e+03;
    CentrePixelAttr = 5.072600097656250e+03;
    Mean = 6.864892578125000e+01;
    StandardDeviation = 3.600598220659395e+00;
    ChipStriping = 1.978185481851413e-01;
}
{
    Band = 8L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 7.181200195312500e+03;
    CentrePixelAttr = 7.608400390625000e+03;
    Mean = 6.290527343750000e+01;
    StandardDeviation = 4.338728492747253e+00;
    ChipStriping = 1.576296067561656e-01;
}
{
    Band = 8L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 9.574600585937500e+03;
    CentrePixelAttr = 1.014420019531250e+04;
    Mean = 4.706274414062500e+01;
    StandardDeviation = 3.436194978428209e+00;
    ChipStriping = 1.682428444500318e-01;
}
{
    Band = 9L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 5.992000122070312e+02;
    CentrePixelAttr = 6.344000244140625e+02;
    Mean = 1.532944335937500e+02;
    StandardDeviation = 3.965272806939823e+00;
    ChipStriping = 2.904702957707046e-01;
}
{
    Band = 9L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.197400024414062e+03;
    CentrePixelAttr = 1.267800048828125e+03;
    Mean = 1.414256591796875e+02;
    StandardDeviation = 3.195353834169345e+00;
    ChipStriping = 1.599100767897627e-01;
}
{
    Band = 9L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.795600097656250e+03;
    CentrePixelAttr = 1.901200073242188e+03;
    Mean = 1.379566040039062e+02;
    StandardDeviation = 1.797441160115398e+00;
    ChipStriping = 1.606701858436813e-01;
}

```

```

    {
        Band = 9L;
        Lines = 128L;
        PixelsPerLine = 128L;
        CentreLineAttr = 2.393800048828125e+03;
        CentrePixelAttr = 2.534600097656250e+03;
        Mean = 1.377338867187500e+02;
        StandardDeviation = 1.978289245729111e+00;
        ChipStriping = 1.678545520764184e-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 = TRUE;
    }
    {
        Band = 6L;
        StripingTolerance = 1.000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 7L;
        StripingTolerance = 1.000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 8L;
        StripingTolerance = 1.000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 9L;
        StripingTolerance = 1.000000000000000e+00;
    }
]

```

```

        BandPassed = TRUE;
    }
]
}
=====
BlacklineQa.input:
=====
{
    commonChildInputParams =
    {
        productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003018400001/Product_";
        reportName = "BlacklineQa.report";
    }
    ImagePathname =
"/usr1/nlaps/RT/workorders/011011003018400001/Product__OPR_MsResampler.tif";
}
=====
GeoQa.input:
=====
{
    commonChildInputParams =
    {
        inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003018400001/Input_";
        productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003018400001/Product_";
        outputSceneHandle = "/usr1/nlaps/RT/workorders/011011003018400001/Output_";
        reportName = "GeoQa.report";
    }
    MeasureBandSaturation = TRUE;
    MeasureDetectorStriping = FALSE;
    EvaluationRequired = TRUE;
    ImagePathname =
"/usr1/nlaps/RT/workorders/011011003018400001/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 = "011011003018400001";
        StartTime = "Tue Oct 23 16:04:14 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 23;
            hour = 16;
            minute = 4;
        }
    }
}

```

```

    sec = 14;
    usec = 0;
    time_system = 2;
}
CompletionTime = "Wed Oct 24 08:54:43 2001";
CompletionTimeRecord =
{
    year = 2001;
    month = 10;
    day = 24;
    hour = 8;
    minute = 54;
    sec = 43;
    usec = 0;
    time_system = 2;
}
CpuTime = 1.2700000000000000e+01;
}
NumQaControlPoints = 11L;
Mean =
{
    AlongTrack = -1.310200095176697e+00;
    AcrossTrack = 1.048662781715393e+00;
    Height = 0.0000000000000000e+00;
    Combined = 1.678188920021057e+00;
}
StandardDeviation =
{
    AlongTrack = 8.297002792358398e+00;
    AcrossTrack = 7.731070995330811e+00;
    Height = 0.0000000000000000e+00;
    Combined = 1.134062194824219e+01;
}
MeasuredAbsoluteError =
{
    AlongTrack = 8.399813652038574e+00;
    AcrossTrack = 7.801868438720703e+00;
    Height = 0.0000000000000000e+00;
    Combined = 1.146411895751953e+01;
}
MapAndDigitizationError = 1.026912531377666e+01;
MarkingError = 7.500000000000000e+00;
AbsoluteProductAccuracy =
{
    AlongTrack = 0.0000000000000000e+00;
    AcrossTrack = 0.0000000000000000e+00;
    Height = 0.0000000000000000e+00;
    Combined = 0.0000000000000000e+00;
}
RelativeProductAccuracy =
{
    AlongTrack = 0.0000000000000000e+00;
    AcrossTrack = 0.0000000000000000e+00;
    Height = 0.0000000000000000e+00;
    Combined = 0.0000000000000000e+00;
}
Evaluation =

```

```

{
    AbsoluteTolerance = 1.5000000000000000e+01;
    RelativeTolerance = 1.5000000000000000e+01;
    PassedGeometricQa = TRUE;
}
ControlPointSummary =
[
    {
        CpNumber = 9550L;
        CpKind = "RCP";
        AutoMarked = FALSE;
        MarkedImageCoordLine = 6.218042968750000e+03;
        MarkedImageCoordPixel = 5.066534179687500e+03;
        GeodeticLatitude = 4.534854872754921e+01;
        GeodeticLongitude = -1.219450395138354e+02;
        Height = 4.259999999431893e+02;
        EarthModelName = "NAD83";
        AlongTrackResidual = -1.679825685248543e-03;
        AcrossTrackResidual = -7.774710529265127e-04;
        HeightResidual = 0.000000000000000e+00;
        CombinedResidual = 1.851020143315409e-03;
    }
    {
        CpNumber = 9396L;
        CpKind = "SCP";
        AutoMarked = TRUE;
        MarkedImageCoordLine = 8.289870117187500e+03;
        MarkedImageCoordPixel = 1.120097851562500e+04;
        GeodeticLatitude = 4.591031184300580e+01;
        GeodeticLongitude = -1.217531807878655e+02;
        Height = 1.121646053648554e+03;
        EarthModelName = "NAD83";
        AlongTrackResidual = 1.007184834257322e+01;
        AcrossTrackResidual = -3.674467066091525e+00;
        HeightResidual = 0.000000000000000e+00;
        CombinedResidual = 1.072118637351232e+01;
    }
    {
        CpNumber = 9295L;
        CpKind = "RCP";
        AutoMarked = FALSE;
        MarkedImageCoordLine = 4.356349121093750e+03;
        MarkedImageCoordPixel = 2.206023925781250e+03;
        GeodeticLatitude = 4.583139785771687e+01;
        GeodeticLongitude = -1.230624875488384e+02;
        Height = 3.287359999520704e+02;
        EarthModelName = "NAD83";
        AlongTrackResidual = -1.500939552454264e+01;
        AcrossTrackResidual = -6.469137383727119e-03;
        HeightResidual = 0.000000000000000e+00;
        CombinedResidual = 1.500939691866063e+01;
    }
    {
        CpNumber = 9291L;
        CpKind = "RCP";
        AutoMarked = FALSE;
        MarkedImageCoordLine = 5.798556152343750e+03;
    }

```

```

    MarkedImageCoordPixel = 2.002943115234375e+03;
    GeodeticLatitude = 4.544044144751653e+01;
    GeodeticLongitude = -1.231225715197977e+02;
    Height = 6.099992869701236e+01;
    EarthModelName = "NAD83";
    AlongTrackResidual = -1.774054280490045e-03;
    AcrossTrackResidual = 1.500020602990256e+01;
    HeightResidual = 0.000000000000000e+00;
    CombinedResidual = 1.500020613481007e+01;
}
{
    CpNumber = 9101L;
    CpKind = "SCP";
    AutoMarked = TRUE;
    MarkedImageCoordLine = 3.342130126953125e+03;
    MarkedImageCoordPixel = 2.813848388671875e+03;
    GeodeticLatitude = 4.654810334090048e+01;
    GeodeticLongitude = -1.234091371196041e+02;
    Height = 2.438190550794825e+02;
    EarthModelName = "NAD83";
    AlongTrackResidual = -1.694624058455222e+00;
    AcrossTrackResidual = 1.223982730022401e+01;
    HeightResidual = 0.000000000000000e+00;
    CombinedResidual = 1.235658217464701e+01;
}
{
    CpNumber = 9096L;
    CpKind = "RCP";
    AutoMarked = FALSE;
    MarkedImageCoordLine = 3.585842773437500e+03;
    MarkedImageCoordPixel = 1.442525878906250e+03;
    GeodeticLatitude = 4.603201843230154e+01;
    GeodeticLongitude = -1.233679388495604e+02;
    Height = 1.82999999729916e+02;
    EarthModelName = "NAD83";
    AlongTrackResidual = -1.406812298574000e-02;
    AcrossTrackResidual = 2.893319693625948e-03;
    HeightResidual = 0.000000000000000e+00;
    CombinedResidual = 1.436256882286139e-02;
}
{
    CpNumber = 9001L;
    CpKind = "RCP";
    AutoMarked = FALSE;
    MarkedImageCoordLine = 1.852925659179688e+03;
    MarkedImageCoordPixel = 4.988492675781250e+03;
    GeodeticLatitude = 4.652625414397644e+01;
    GeodeticLongitude = -1.220067797421454e+02;
    Height = 2.590729999579489e+02;
    EarthModelName = "NAD83";
    AlongTrackResidual = -1.499998588080388e+01;
    AcrossTrackResidual = -1.112648067387578e-02;
    HeightResidual = 0.000000000000000e+00;
    CombinedResidual = 1.499999000742627e+01;
}
{
    CpNumber = 8989L;

```

```

CpKind = "RCP";
AutoMarked = FALSE;
MarkedImageCoordLine = 3.564628173828125e+03;
MarkedImageCoordPixel = 4.331270507812500e+03;
GeodeticLatitude = 4.606053034332473e+01;
GeodeticLongitude = -1.222487259898215e+02;
Height = 2.173979999674484e+02;
EarthModelName = "NAD83";
AlongTrackResidual = 2.187926170012133e-02;
AcrossTrackResidual = -1.499695659037350e+01;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 1.499697255033961e+01;
}
{
CpNumber = 8988L;
CpKind = "RCP";
AutoMarked = TRUE;
MarkedImageCoordLine = 5.968190917968750e+03;
MarkedImageCoordPixel = 1.365498046875000e+04;
GeodeticLatitude = 4.622805352289366e+01;
GeodeticLongitude = -1.212831698389672e+02;
Height = 8.494306593798101e+02;
EarthModelName = "NAD83";
AlongTrackResidual = -9.061139837796929e+00;
AcrossTrackResidual = -3.612127912667594e+00;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 9.754574476499879e+00;
}
{
CpNumber = 8827L;
CpKind = "SCP";
AutoMarked = TRUE;
MarkedImageCoordLine = 1.691229736328125e+03;
MarkedImageCoordPixel = 6.400992675781250e+03;
GeodeticLatitude = 4.678641755895648e+01;
GeodeticLongitude = -1.227167935589552e+02;
Height = 1.344150555441156e+02;
EarthModelName = "NAD83";
AlongTrackResidual = 6.273020340196682e+00;
AcrossTrackResidual = 6.578966544843126e+00;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 9.090301699431455e+00;
}
{
CpNumber = 8724L;
CpKind = "RCP";
AutoMarked = FALSE;
MarkedImageCoordLine = 1.554724365234375e+03;
MarkedImageCoordPixel = 2.648281494140625e+03;
GeodeticLatitude = 4.659075313282884e+01;
GeodeticLongitude = -1.229251260403730e+02;
Height = 1.219998573949561e+02;
EarthModelName = "NAD83";
AlongTrackResidual = 1.000371798151846e+01;
AcrossTrackResidual = 1.532217398609292e-02;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 1.000372971559965e+01;
}

```

```

    }
  ]
}
=====
ProductFormatting_0.input:
=====
{
  commonChildInputParams =
  {
    inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003018400001/Input_";
    productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003018400001/Product_";
    outputSceneHandle = "/usr1/nlaps/RT/workorders/011011003018400001/";
    reportName = "ProductFormatting_0.report";
  }
  imagePathname =
"/usr1/nlaps/RT/workorders/011011003018400001/Product__OPR_MsResampler.tif";
  demPathname ?=
"/usr1/nlaps/RT/workorders/011011003018400001/DEM__OPR_WarpResampler.tif";
  productLocation = "/usr1/nlaps/RT/workorders/011011003018400001/";
  commonFormattingParams =
  {
    satellite = "LS7 ";
    sensor = "ETMP";
    dataStartTime =
    {
      year = 2000;
      month = 7;
      day = 7;
      hour = 18;
      minute = 47;
      sec = 36;
      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 = 46;
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/01101100301840001/L71EDC180018918010_HDF.012961741";
}
}
=====
ProductFormatting_0.output:
=====
{
    ReportHeader =
    {
        ReportName = "ProductFormattingReport";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "011011003018400001";
        StartTime = "Wed Oct 24 08:54:45 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 24;
            hour = 8;
            minute = 54;
            sec = 45;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Wed Oct 24 08:55:32 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 24;
            hour = 8;
            minute = 55;
            sec = 32;
            usec = 0;
            time_system = 2;
        }
        CpuTime = 1.7910000000000000e+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 = 7;
  hour = 18;
  minute = 47;
  sec = 36;
  usec = 939395;
  time_system = 2;
}
SceneStartDateTime =
{
  year = 2000;
  month = 7;
  day = 7;
  hour = 18;
  minute = 47;
  sec = 23;
  usec = 519755;
  time_system = 2;
}
SceneEndDateTime =
{
  year = 2000;
  month = 7;
  day = 7;
  hour = 18;
  minute = 47;
  sec = 50;
  usec = 353193;
  time_system = 2;
}
SceneCentreLatLong =
{
  Latitude = 4.603115574440798e+01;
  Longitude = -1.224322030182248e+02;
}
TopLeftLatLong =
{
  Latitude = 4.698311255099166e+01;
  Longitude = -1.239874189627977e+02;
}
TopRightLatLong =
{
  Latitude = 4.703500086430238e+01;

```

```

    Longitude = -1.209463054425224e+02;
}
BottomLeftLatLong =
{
    Latitude = 4.500851107410285e+01;
    Longitude = -1.238642847998757e+02;
}
BottomRightLatLong =
{
    Latitude = 4.505856739369432e+01;
    Longitude = -1.209305280828908e+02;
}
TopLeftMap =
{
    Northing = 1.892399999999935e+05;
    Easting = 2.347799999999988e+05;
}
TopRightMap =
{
    Northing = 1.892399999999935e+05;
    Easting = 4.660799999999999e+05;
}
BottomLeftMap =
{
    Northing = -3.045000000000931e+04;
    Easting = 2.347799999999999e+05;
}
BottomRightMap =
{
    Northing = -3.045000000000931e+04;
    Easting = 4.660800000000008e+05;
}
ImageLines = 7324L;
ImagePixels = 7711L;
ImageOrientation = 0.000000000000000e+00;
OffNadirAngle = 4.632196443784824e-02;
SunElevation = 6.070793906893492e+01;
SunAzimuth = 1.355145682851731e+02;
NumberOfVolumes = 1;
MediaIdList =
[
    "";
]
OrbitNumber = 86969;
StartFileNumber = 1;
NumberOfFiles = 13;
ProductSize = 5.655301399230957e+02;
SatelliteData =
[
    {
        Time =
        {
            year = 2000L;
            month = 7L;
            day = 7L;
            hour = 18L;
            minute = 47L;

```

```

    sec = 23L;
    usec = 519755L;
    time_system = 2L;
}
OrbitState =
{
    Latitude = 4.663632739053220e+01;
    Longitude = -1.221284083660124e+02;
    Radius = 7.075424153302029e+06;
}
AttitudeState =
{
    Roll = -5.424468501460016e-04;
    Pitch = -3.426224501621784e-05;
    Yaw = 1.317554985441657e-04;
}
}
{
    Time =
    {
        year = 2000L;
        month = 7L;
        day = 7L;
        hour = 18L;
        minute = 47L;
        sec = 36L;
        usec = 939395L;
        time_system = 2L;
    }
    OrbitState =
    {
        Latitude = 4.583810672797540e+01;
        Longitude = -1.224272027271680e+02;
        Radius = 7.075546570748609e+06;
    }
    AttitudeState =
    {
        Roll = -5.067992497588957e-04;
        Pitch = -1.317239223019978e-05;
        Yaw = 1.002089024122771e-04;
    }
}
{
    Time =
    {
        year = 2000L;
        month = 7L;
        day = 7L;
        hour = 18L;
        minute = 47L;
        sec = 50L;
        usec = 353193L;
        time_system = 2L;
    }
    OrbitState =
    {
        Latitude = 4.503974700268166e+01;

```

```

        Longitude = -1.227189953159311e+02;
        Radius = 7.075670265513533e+06;
    }
    AttitudeState =
    {
        Roll = -4.942160557629595e-04;
        Pitch = 1.540085655481602e-05;
        Yaw = 8.194842430311056e-05;
    }
}
]
procImageryFileInfo =
[
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003018400001/011011003018400001I.hdr1";
        procImageryFileSize = 1982L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003018400001/011011003018400001_I1.dat";
        procImageryFileSize = 225901456L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003018400001/011011003018400001I.hdr2";
        procImageryFileSize = 2707L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003018400001/011011003018400001_I2.dat";
        procImageryFileSize = 56475364L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003018400001/011011003018400001_I3.dat";
        procImageryFileSize = 56475364L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003018400001/011011003018400001_I4.dat";
        procImageryFileSize = 56475364L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003018400001/011011003018400001_I5.dat";
        procImageryFileSize = 56475364L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003018400001/011011003018400001_I6.dat";
        procImageryFileSize = 56475364L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003018400001/011011003018400001_I7.dat";
        procImageryFileSize = 56475364L;
    }
]

```

```

    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003018400001/011011003018400001I.hdr3";
        procImageryFileSize = 2126L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003018400001/011011003018400001_I8.dat";
        procImageryFileSize = 14117010L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003018400001/011011003018400001_I9.dat";
        procImageryFileSize = 14117010L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003018400001/L71046028_02820000707_MTL.txt";
        procImageryFileSize = 6857L;
    }
}
]
}

```

=====

Browse.input:

=====

```

{
    commonChildInputParams =
    {
        inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003018400001/Input_";
        reportName = "Browse.report";
    }
    inputImageFileName =
"/usr1/nlaps/RT/workorders/011011003018400001/Product__OPR_MsResampler.tif";
    metaDataFormatType = 2;
    produceBrowseImages = FALSE;
    productDropBoxDirectory = "/usr1/nlaps/RT/workorders/011011003018400001";
    productRelativeImageLocation = "./011011003018400001_";
    productRelativeMetaDataLocation = "./011011003018400001_";
    archiveFiles = FALSE;
    destinationLocation =
    {
        dropBoxDirectory = "/usr1/nlaps/RT/workorders/011011003018400001";
        relativeBrowseImageLocation = "011011003018400001_Browse.36709373.tif";
        relativeBrowseMetaDataLocation = "PGS__011011003018400001.36709373__";
    }
    decimationRecord =
    {
        decimationType = 4;
        maxWidth = 512;
        maxHeight = 512;
        decimation = 2.5000000000000000e-01;
    }
    workOrderPriority = 7.0000000000000000e+00F;
    correctionLevel = "Precision Geocorrection";
    productOrientation = 1;
    path = 46;
}

```

```

row = 28;
productSceneShift ?= 0.0000000000000000e+00F;
productInfo =
{
    productInputDataSet =
"/diskIngest3/temp/01101100301840001/L71EDC180018918010_HDF.012961741";
    productOutputDataSet = "";
    productGenerationTime = "Wed Oct 24 08:55:32 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 = "01101100301840001";
        StartTime = "Wed Oct 24 08:55:34 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 24;
            hour = 8;
            minute = 55;
            sec = 34;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Wed Oct 24 08:55:35 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 24;
            hour = 8;
            minute = 55;

```

```

        sec = 35;
        usec = 0;
        time_system = 2;
    }
    CpuTime = 5.1000000000000000e-01;
}

```

```

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

```

```

{
    browseImageFileName = "011011003018400001_BrowseImage.tif";
    browseMetadataFileName = "011011003018400001_BrowseMeta.data";
    allocationId = 0L;
}

```

```

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

```

```

{
    sceneHandle = "/usr1/nlaps/RT/workorders/011011003018400001/Product_";
    inputFormat = 26;
}

```

```

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

```

```

{
    files =
    [
        {
            fileName =
"/usr1/nlaps/RT/workorders/011011003018400001/011011003018400001.his";
            fileSize = 100000L;
        }
        {
            fileName =
"/usr1/nlaps/RT/workorders/011011003018400001/011011003018400001.rpt";
            fileSize = 100000L;
        }
    ]
}

```

```

=====
/usr1/nlaps/RT/log/011011003018400001.log:
=====

```

```

<created: 23-10-2001 15:40:12>

```

```

23-10-2001 15:40:12 Info                PPGSOCP_Application      WCU:0000
WCU_WriteMessageToWo:00073
    Work order was edited by operator yunag.

```

```

23-10-2001 15:40:12 Info                DDWOE_WoEditor      MAIN:0009
MAIN_MainCommon.cc:00484
    Process DDWOE_WoEditor, PID 36626890@edcs22, started at 23-10-2001
15:40:12

```

```

23-10-2001 15:41:30 Info                DDWOE_WoEditor      MAIN:0010
MAIN_MainCommon.cc:00528

```

Process DDW0E_WoEditor, PID 36626890@edcsgs22, stopped at 23-10-2001 15:41:30

23-10-2001 15:41:38 Info PPGSOCP_Application WCU:0000
WCU_WriteMessageToWo:00073
Work order was started by operator yunag.

23-10-2001 15:41:41 Info SCON_EvmController MAIN:0009
MAIN_MainCommon.cc:00484
Process SCON_EvmController, PID 36709373@edcsgs22, started at 23-10-2001 15:41:41

23-10-2001 15:41:41 Info WOSV_WoManagerServer WOSV:0103
WCU_WriteMessageToWo:00106
Workorder started.

23-10-2001 15:41:41 Info WOSV_WoManagerServer WCU:0000
WCU_WriteMessageToWo:00073
Workorder is executing on host localhost.

23-10-2001 15:41:44 Info ACQ_InitializeAcqModel MAIN:0009
MAIN_MainCommon.cc:00484
Process ACQ_InitializeAcqModel, PID 36721194@edcsgs22, started at 23-10-2001 15:41:44

23-10-2001 15:41:44 Warning ACQ_InitializeAcqModel TIM:0011
TIM_TimeModel.cc:00462
Using Predicted value of UT1 for 2000 7 7

23-10-2001 15:41:44 Warning ACQ_InitializeAcqModel TIM:0011
TIM_TimeModel.cc:00563
Using Predicted value of UT1 for 2000 7 8

23-10-2001 15:41:44 Warning ACQ_InitializeAcqModel EAR:0031
EAR_PoleWander.cc:00417
Using predicted, not measured pole wander data for 07-JUL-00.
23-10-2001 15:41:44 Warning ACQ_InitializeAcqModel EAR:0031
EAR_PoleWander.cc:00417
Using predicted, not measured pole wander data for 08-JUL-00.

23-10-2001 15:41:46 Info ACQ_InitializeAcqModel MAIN:0010
MAIN_MainCommon.cc:00528
Process ACQ_InitializeAcqModel, PID 36721194@edcsgs22, stopped at 23-10-2001 15:41:46

23-10-2001 15:41:48 Info LZR_Main MAIN:0009
MAIN_MainCommon.cc:00484

Process LZR_Main, PID 36667465@edcs22, started at 23-10-2001 15:41:48

23-10-2001 15:43:09 Info LZR_Main EPHI:0029
EPHI_EtmpEphemeris.c:00393
The ephemeris file /usr1/nlaps/RT/ephemeris/etmp/L72000190DEFEPH.S00 was
used for processing.

23-10-2001 15:43:37 Info LZR_Main MAIN:0010
MAIN_MainCommon.cc:00528
Process LZR_Main, PID 36667465@edcs22, stopped at 23-10-2001 15:43:37

23-10-2001 15:43:40 Info DEM_Init MAIN:0009
MAIN_MainCommon.cc:00484
Process DEM_Init, PID 34518199@edcs22, started at 23-10-2001 15:43:40

23-10-2001 15:43:41 Info DEM_Init MAIN:0010
MAIN_MainCommon.cc:00528
Process DEM_Init, PID 34518199@edcs22, stopped at 23-10-2001 15:43:41

23-10-2001 15:43:41 Info PSM_ModelRefinement MAIN:0009
MAIN_MainCommon.cc:00484
Process PSM_ModelRefinement, PID 35036435@edcs22, started at 23-10-2001
15:43:41

23-10-2001 15:46:12 Info MDR_Application MAIN:0009
MAIN_MainCommon.cc:00484
Process MDR_Application, PID 36705445@edcs22, started at 23-10-2001
15:46:12

23-10-2001 15:46:12 Info MDR_Application MAIN:0015
MAIN_MainCommon.cc:00496
Process MDR_Application, Started by yunag

23-10-2001 15:46:25 Info DDWOE_WoEditor MAIN:0009
MAIN_MainCommon.cc:00484
Process DDWOE_WoEditor, PID 36499770@edcs22, started at 23-10-2001
15:46:25

23-10-2001 15:46:49 Info DDWOE_WoEditor MAIN:0010
MAIN_MainCommon.cc:00528
Process DDWOE_WoEditor, PID 36499770@edcs22, stopped at 23-10-2001
15:46:49

23-10-2001 15:49:32 Info MDR_Application WCU:0000
WCU_WriteMessageToWo:00073
Work Order 011011003018400001 - manual marking was accepted by Operator
yunag

23-10-2001 15:49:32 Info MDR_Application MAIN:0010
MAIN_MainCommon.cc:00528
Process MDR_Application, PID 36705445@edcs22, stopped at 23-10-2001
15:49:32

23-10-2001 15:49:32 Info MDR_Application MAIN:0016
MAIN_MainCommon.cc:00540
Process MDR_Application, Stopped by yunag

23-10-2001 15:49:35 Info PSM_ModelRefinement MAIN:0010
MAIN_MainCommon.cc:00528
Process PSM_ModelRefinement, PID 35036435@edcs22, stopped at 23-10-2001
15:49:35

23-10-2001 15:49:37 Info PDD_DefineGenericProduct MAIN:0009
MAIN_MainCommon.cc:00484
Process PDD_DefineGenericProduct, PID 36643278@edcs22, started at 23-10-
2001 15:49:37

23-10-2001 15:49:40 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

23-10-2001 15:49:47 Info PDD_DefineGenericProduct MAIN:0010
MAIN_MainCommon.cc:00528
Process PDD_DefineGenericProduct, PID 36643278@edcs22, stopped at 23-10-
2001 15:49:47

23-10-2001 15:49:48 Info DEMI_IngestControl MAIN:0009
MAIN_MainCommon.cc:00484
Process DEMI_IngestControl, PID 36513923@edcs22, started at 23-10-2001
15:49:48

23-10-2001 15:50:32 Info DEMI_IngestControl MAIN:0010
MAIN_MainCommon.cc:00528
Process DEMI_IngestControl, PID 36513923@edcs22, stopped at 23-10-2001
15:50:32

23-10-2001 15:50:34 Info OPR_WarpResampler MAIN:0009
MAIN_MainCommon.cc:00484
Process OPR_WarpResampler, PID 35295621@edcs22, started at 23-10-2001
15:50:34

23-10-2001 15:50:52 Info OPR_WarpResampler MAIN:0010
MAIN_MainCommon.cc:00528

Process OPR_WarpResampler, PID 35295621@edcs22, stopped at 23-10-2001 15:50:52

23-10-2001 15:50:56 Info OPR_MsResampler MAIN:0009
MAIN_MainCommon.cc:00484
Process OPR_MsResampler, PID 35886420@edcs22, started at 23-10-2001 15:50:56

23-10-2001 16:04:09 Info OPR_MsResampler MAIN:0010
MAIN_MainCommon.cc:00528
Process OPR_MsResampler, PID 35886420@edcs22, stopped at 23-10-2001 16:04:09

23-10-2001 16:04:11 Info RQA_PerformRadiometricQA MAIN:0009
MAIN_MainCommon.cc:00484
Process RQA_PerformRadiometricQA, PID 36124158@edcs22, started at 23-10-2001 16:04:11

23-10-2001 16:04:12 Info RQA_PerformRadiometricQA MAIN:0010
MAIN_MainCommon.cc:00528
Process RQA_PerformRadiometricQA, PID 36124158@edcs22, stopped at 23-10-2001 16:04:12

23-10-2001 16:04:13 Info BQA_BlackfillQa MAIN:0009
MAIN_MainCommon.cc:00484
Process BQA_BlackfillQa, PID 36569680@edcs22, started at 23-10-2001 16:04:13

23-10-2001 16:04:13 Info BQA_BlackfillQa MAIN:0010
MAIN_MainCommon.cc:00528
Process BQA_BlackfillQa, PID 36569680@edcs22, stopped at 23-10-2001 16:04:13

23-10-2001 16:04:14 Info GQA_PerformGeometricQA MAIN:0009
MAIN_MainCommon.cc:00484
Process GQA_PerformGeometricQA, PID 35569477@edcs22, started at 23-10-2001 16:04:14

24-10-2001 07:44:05 Info WOLV_Application MAIN:0009
MAIN_MainCommon.cc:00484
Process WOLV_Application, PID 35605965@edcs22, started at 24-10-2001 07:44:05

24-10-2001 07:45:38 Info WOLV_Application MAIN:0010
MAIN_MainCommon.cc:00528
Process WOLV_Application, PID 35605965@edcs22, stopped at 24-10-2001 07:45:38

24-10-2001 07:45:43 Info VAL_Application MAIN:0009
MAIN_MainCommon.cc:00484
Process VAL_Application, PID 36395721@edcs22, started at 24-10-2001
07:45:43

24-10-2001 07:45:43 Info VAL_Application MAIN:0015
MAIN_MainCommon.cc:00496
Process VAL_Application, Started by yunag

24-10-2001 07:50:01 Info DDWOE_WoEditor MAIN:0009
MAIN_MainCommon.cc:00484
Process DDWOE_WoEditor, PID 35948922@edcs22, started at 24-10-2001
07:50:01

24-10-2001 07:50:25 Info DDWOE_WoEditor MAIN:0010
MAIN_MainCommon.cc:00528
Process DDWOE_WoEditor, PID 35948922@edcs22, stopped at 24-10-2001
07:50:25

24-10-2001 07:55:44 Info VAL_Application MAIN:0010
MAIN_MainCommon.cc:00528
Process VAL_Application, PID 36395721@edcs22, stopped at 24-10-2001
07:55:44

24-10-2001 07:55:44 Info VAL_Application MAIN:0016
MAIN_MainCommon.cc:00540
Process VAL_Application, Stopped by yunag

24-10-2001 08:53:58 Info VAL_Application MAIN:0009
MAIN_MainCommon.cc:00484
Process VAL_Application, PID 36492778@edcs22, started at 24-10-2001
08:53:58

24-10-2001 08:53:58 Info VAL_Application MAIN:0015
MAIN_MainCommon.cc:00496
Process VAL_Application, Started by yunag

24-10-2001 08:54:42 Info VAL_Application WCU:0000
WCU_WriteMessageToWo:00073
Work Order 011011003018400001 - manual marking was accepted by Operator
yunag

24-10-2001 08:54:42 Info VAL_Application MAIN:0010
MAIN_MainCommon.cc:00528
Process VAL_Application, PID 36492778@edcs22, stopped at 24-10-2001
08:54:42

24-10-2001 08:54:42 Info VAL_Application MAIN:0016
MAIN_MainCommon.cc:00540
Process VAL_Application, Stopped by yunag

24-10-2001 08:54:43 Info GQA_PerformGeometricQA MAIN:0010
MAIN_MainCommon.cc:00528
Process GQA_PerformGeometricQA, PID 35569477@edcs22, stopped at 24-10-2001 08:54:43

24-10-2001 08:54:45 Info TOXNF_MakeProduct MAIN:0009
MAIN_MainCommon.cc:00484
Process TOXNF_MakeProduct, PID 36376604@edcs22, started at 24-10-2001 08:54:45

24-10-2001 08:55:32 Info TOXNF_MakeProduct MAIN:0010
MAIN_MainCommon.cc:00528
Process TOXNF_MakeProduct, PID 36376604@edcs22, stopped at 24-10-2001 08:55:32

24-10-2001 08:55:34 Info BIM_OpticalBrowse MAIN:0009
MAIN_MainCommon.cc:00484
Process BIM_OpticalBrowse, PID 35648021@edcs22, started at 24-10-2001 08:55:34

24-10-2001 08:55:35 Info BIM_OpticalBrowse MAIN:0010
MAIN_MainCommon.cc:00528
Process BIM_OpticalBrowse, PID 35648021@edcs22, stopped at 24-10-2001 08:55:35

24-10-2001 08:55:38 Info RDC_ArchiveReport MAIN:0009
MAIN_MainCommon.cc:00484
Process RDC_ArchiveReport, PID 36346556@edcs22, started at 24-10-2001 08:55:38

24-10-2001 08:55:38 Info RDC_ArchiveReport MAIN:0010
MAIN_MainCommon.cc:00528
Process RDC_ArchiveReport, PID 36346556@edcs22, stopped at 24-10-2001 08:55:38

24-10-2001 08:55:40 Info RMAN_GetDiskResource MAIN:0009
MAIN_MainCommon.cc:00484
Process RMAN_GetDiskResource, PID 36046604@edcs22, started at 24-10-2001 08:55:40

24-10-2001 08:55:40 Info RMAN_GetDiskResource MAIN:0010
MAIN_MainCommon.cc:00528

Process RMAN_GetDiskResource, PID 36046604@edcsgs22, stopped at 24-10-2001
08:55:40