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=====
011011003017500005 PROCESSING HISTORY
=====
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=====
/usr1/nlaps/RT/productorders/011011003017500005.po:
=====
```

```
{
  InputParams =
  {
    satellite = "Landsat-7";
    sensor = "ETM+";
    AOS_time = "2000 08 08 18:46:18";
    inputDatasetId =
"/diskIngest1/temp/011011003017500005/L72EDC180022118020_HDF.012851709";
    inputMediaType = "Disk";
    inputDataFormat = "L0Rp";
  }
  ControlParams =
  {
    type = "Correction";
    orderId = "011011003017500005";
    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 = 1002890408L;
    messageId =
"/usr1/nlaps/RT/icc/incoming/target/DORRAN_PGS_01101100301755.PGS_ORDER";
    monitorId = "0_35577746";
  }
  CorrectionParams =
  {
    correctionLevel = "Precision Geocorrection";
    productOrientation = "Map North";
    forceManualMarking = TRUE;
    createSCPs = FALSE;
    mapParams =
```

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{
  name = "SPCS";
  projectionCode = 2L;
  projectionParams =
  [
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
  ]
  zoneNumber = 4602L;
}
earthEllipsoid = "NAD83";
resamplingKernel = "CC";
productFramingMethod = "Path Row";
path = 46L;
row = 2.6000000000000000e+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 = "ACME";
    state = "WA";
    centerLatitude = 4.8687500000000000e+01;
    centerLongitude = -1.2218750000000000e+02;
    scale = "24000";
  }
]

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{
  name = "ARLINGTON EAST";
  state = "WA";
  centerLatitude = 4.818750000000000e+01;
  centerLongitude = -1.220625000000000e+02;
  scale = "24000";
}
{
  name = "BACON PEAK";
  state = "WA";
  centerLatitude = 4.868750000000000e+01;
  centerLongitude = -1.215625000000000e+02;
  scale = "24000";
}
{
  name = "BELLINGHAM NORTH";
  state = "WA";
  centerLatitude = 4.881250000000000e+01;
  centerLongitude = -1.224375000000000e+02;
  scale = "24000";
}
{
  name = "BILLY GOAT MOUNTAIN";
  state = "WA";
  centerLatitude = 4.881250000000000e+01;
  centerLongitude = -1.203125000000000e+02;
  scale = "24000";
}
{
  name = "CASTLE PEAK";
  state = "WA";
  centerLatitude = 4.893750000000000e+01;
  centerLongitude = -1.208125000000000e+02;
  scale = "24000";
}
{
  name = "CONWAY";
  state = "WA";
  centerLatitude = 4.831250000000000e+01;
  centerLongitude = -1.223125000000000e+02;
  scale = "24000";
}
{
  name = "DAMNATION PEAK";
  state = "WA";
  centerLatitude = 4.868750000000000e+01;
  centerLongitude = -1.214375000000000e+02;
  scale = "24000";
}
{
  name = "DIABLO DAM";
  state = "WA";
  centerLatitude = 4.868750000000000e+01;
  centerLongitude = -1.211875000000000e+02;
  scale = "24000";
}
{

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    name = "ELIZA ISLAND";
    state = "WA";
    centerLatitude = 4.868750000000000e+01;
    centerLongitude = -1.225625000000000e+02;
    scale = "24000";
}
{
    name = "FROSTY CREEK";
    state = "WA";
    centerLatitude = 4.893750000000000e+01;
    centerLongitude = -1.206875000000000e+02;
    scale = "24000";
}
{
    name = "GLACIER PEAK EAST";
    state = "WA";
    centerLatitude = 4.806250000000000e+01;
    centerLongitude = -1.210625000000000e+02;
    scale = "24000";
}
{
    name = "HAMILTON";
    state = "WA";
    centerLatitude = 4.856250000000000e+01;
    centerLongitude = -1.219375000000000e+02;
    scale = "24000";
}
{
    name = "HORSESHOE BASIN";
    state = "WA";
    centerLatitude = 4.893750000000000e+01;
    centerLongitude = -1.199375000000000e+02;
    scale = "24000";
}
{
    name = "JUNIPER BEACH";
    state = "WA";
    centerLatitude = 4.818750000000000e+01;
    centerLongitude = -1.224375000000000e+02;
    scale = "24000";
}
{
    name = "LAWRENCE";
    state = "WA";
    centerLatitude = 4.881250000000000e+01;
    centerLongitude = -1.223125000000000e+02;
    scale = "24000";
}
{
    name = "LUCERNE";
    state = "WA";
    centerLatitude = 4.818750000000000e+01;
    centerLongitude = -1.205625000000000e+02;
    scale = "24000";
}
{
    name = "MAPLE FALLS";

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    state = "WA";
    centerLatitude = 4.893750000000000e+01;
    centerLongitude = -1.220625000000000e+02;
    scale = "24000";
}
{
    name = "MCGREGOR MOUNTAIN";
    state = "WA";
    centerLatitude = 4.843750000000000e+01;
    centerLongitude = -1.208125000000000e+02;
    scale = "24000";
}
{
    name = "MOUNT ARRIVA";
    state = "WA";
    centerLatitude = 4.856250000000000e+01;
    centerLongitude = -1.208125000000000e+02;
    scale = "24000";
}
{
    name = "MOUNT HIGGINS";
    state = "WA";
    centerLatitude = 4.831250000000000e+01;
    centerLongitude = -1.218125000000000e+02;
    scale = "24000";
}
{
    name = "MOUNT PROPHET";
    state = "WA";
    centerLatitude = 4.881250000000000e+01;
    centerLongitude = -1.211875000000000e+02;
    scale = "24000";
}
{
    name = "MOUNT TRIUMPH";
    state = "WA";
    centerLatitude = 4.868750000000000e+01;
    centerLongitude = -1.213125000000000e+02;
    scale = "24000";
}
{
    name = "PASAYTEN PEAK";
    state = "WA";
    centerLatitude = 4.881250000000000e+01;
    centerLongitude = -1.206875000000000e+02;
    scale = "24000";
}
{
    name = "PUMPKIN MOUNTAIN";
    state = "WA";
    centerLatitude = 4.881250000000000e+01;
    centerLongitude = -1.210625000000000e+02;
    scale = "24000";
}
{
    name = "ROBINSON MOUNTAIN";
    state = "WA";

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        centerLatitude = 4.868750000000000e+01;
        centerLongitude = -1.205625000000000e+02;
        scale = "24000";
    }
    {
        name = "SCHAEFER LAKE";
        state = "WA";
        centerLatitude = 4.793750000000000e+01;
        centerLongitude = -1.208125000000000e+02;
        scale = "24000";
    }
    {
        name = "SILVER FALLS";
        state = "WA";
        centerLatitude = 4.793750000000000e+01;
        centerLongitude = -1.205625000000000e+02;
        scale = "24000";
    }
    {
        name = "SLOAN PEAK";
        state = "WA";
        centerLatitude = 4.806250000000000e+01;
        centerLongitude = -1.213125000000000e+02;
        scale = "24000";
    }
    {
        name = "SPUR PEAK";
        state = "WA";
        centerLatitude = 4.868750000000000e+01;
        centerLongitude = -1.200625000000000e+02;
        scale = "24000";
    }
    {
        name = "SUMAS";
        state = "WA";
        centerLatitude = 4.893750000000000e+01;
        centerLongitude = -1.223125000000000e+02;
        scale = "24000";
    }
    {
        name = "TRINITY";
        state = "WA";
        centerLatitude = 4.806250000000000e+01;
        centerLongitude = -1.208125000000000e+02;
        scale = "24000";
    }
    {
        name = "WHITE CHUCK MOUNTAIN";
        state = "WA";
        centerLatitude = 4.818750000000000e+01;
        centerLongitude = -1.214375000000000e+02;
        scale = "24000";
    }
    {
        id = "92 ";
        name = "Ashnola River          British Col";
        state = "CN";
    }

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centerLatitude = 4.912500000000000e+01;
centerLongitude = -1.202500000000000e+02;
scale = "50000";
}
{
  id = "92 ";
  name = "Chilliwack                      Canada";
  state = "CN";
  centerLatitude = 4.912500000000000e+01;
  centerLongitude = -1.217500000000000e+02;
  scale = "50000";
}
{
  id = "92 ";
  name = "Harrison Lake                  British Col";
  state = "CN";
  centerLatitude = 4.937500000000000e+01;
  centerLongitude = -1.217500000000000e+02;
  scale = "50000";
}
{
  id = "92 ";
  name = "Hedley                        British Col";
  state = "CN";
  centerLatitude = 4.937500000000000e+01;
  centerLongitude = -1.202500000000000e+02;
  scale = "50000";
}
{
  id = "92 ";
  name = "Hope                          British Col";
  state = "CN";
  centerLatitude = 4.937500000000000e+01;
  centerLongitude = -1.212500000000000e+02;
  scale = "50000";
}
{
  id = "92 ";
  name = "Manning Park                  British Col";
  state = "CN";
  centerLatitude = 4.912500000000000e+01;
  centerLongitude = -1.207500000000000e+02;
  scale = "50000";
}
{
  id = "92 ";
  name = "Mount Urquhart                British Col";
  state = "CN";
  centerLatitude = 4.962500000000000e+01;
  centerLongitude = -1.217500000000000e+02;
  scale = "50000";
}
{
  id = "82 ";
  name = "Penticton                     British Col";
  state = "CN";
  centerLatitude = 4.937500000000000e+01;

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        centerLongitude = -1.1975000000000000e+02;
        scale = "50000";
    }
    {
        id = "92 ";
        name = "Princeton                British Col";
        state = "CN";
        centerLatitude = 4.9375000000000000e+01;
        centerLongitude = -1.2075000000000000e+02;
        scale = "50000";
    }
    {
        id = "92 ";
        name = "Skagit River            British Col";
        state = "CN";
        centerLatitude = 4.9125000000000000e+01;
        centerLongitude = -1.2125000000000000e+02;
        scale = "50000";
    }
    {
        id = "92 ";
        name = "Spuzzum                  British Col";
        state = "CN";
        centerLatitude = 4.9625000000000000e+01;
        centerLongitude = -1.2125000000000000e+02;
        scale = "50000";
    }
    {
        id = "92 ";
        name = "Stave Lake                British Col";
        state = "CN";
        centerLatitude = 4.9375000000000000e+01;
        centerLongitude = -1.2225000000000000e+02;
        scale = "50000";
    }
    {
        id = "92 ";
        name = "Stave River              British Col";
        state = "CN";
        centerLatitude = 4.9625000000000000e+01;
        centerLongitude = -1.2225000000000000e+02;
        scale = "50000";
    }
    ]
}
header =
{
    name = "internal-formatted PO";
    version = 0L;
    productOrderType = "Correction";
    origin = "External";
    creationTime = 1003152466L;
}
}

=====
PreIngest.input:

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=====
{
  commonChildInputParams =
  {
    reportName = "PreIngest.report";
    inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500005/Input_";
  }
  satelliteName = "LS7 ";
  sensorName = "ETMP";
  referenceTime =
  {
    year = 2000;
    month = 8;
    day = 8;
    hour = 18;
    minute = 46;
    sec = 18;
    usec = 0;
    time_system = 2;
  }
}
=====
Ingest.input:
=====
{
  commonChildInputParams =
  {
    inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500005/Input_";
    reportName = "Ingest.report";
  }
  priority = 7.000000000000000e+00F;
  manualPositioningRequired ?= FALSE;
  AOSTime =
  {
    year = 2000;
    month = 8;
    day = 8;
    hour = 18;
    minute = 46;
    sec = 18;
    usec = 0;
    time_system = 2;
  }
  satellite = "LS7 ";
  sensor = "ETMP";
  numberOfScenes = 1.500000000000000e+00F;
  ingestBoundaryType ?= 0;
  pathRowCentre ?=
  {
    path = 46;
    row = 26;
    sceneCentreOffset ?= 0.000000000000000e+00F;
  }
  bandList =
  {
    numBands = 9;
    bandsUsed =

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    [
        1;
        2;
        3;
        4;
        5;
        6;
        7;
        8;
        9;
    ]
}
inputIsTarred ?= FALSE;
memoryEffectCorrectionRequired ?= FALSE;
mediumData =
{
    mediumType = 4;
    format = 26;
    volumeInfo =
    [
        {
            filenames =
            [
"/diskIngest1/temp/01101100301750005/L72EDC180022118020_HDF.012851709";
            ]
            mediumId =
"/diskIngest1/temp/01101100301750005/L72EDC180022118020_HDF.012851709";
        }
    ]
}
sampleSceneStats = FALSE;
performRadiometricCorrection ?= TRUE;
}
=====
Ingest.output:
=====
{
    InputImage =
    {
        InputImageHandle =
"/usr1/nlaps/RT/workorders/01101100301750005/Input_LZR_Main.tif";
        InputImageResourceId = "/image1";
        InputImageAllocationId = 228931L;
    }
    IngestQualityFlag = TRUE;
    IngestPredictedOrbitFlag = TRUE;
    orbitNumber = 87435;
    ReportHeader =
    {
        ReportName = "Ingest";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "01101100301750005";
        StartTime = "Mon Oct 15 08:28:28 2001";
        StartTimeRecord =
        {
            year = 2001;

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    month = 10;
    day = 15;
    hour = 8;
    minute = 28;
    sec = 28;
    usec = 0;
    time_system = 2;
}
CompletionTime = "Mon Oct 15 08:30:19 2001";
CompletionTimeRecord =
{
    year = 2001;
    month = 10;
    day = 15;
    hour = 8;
    minute = 30;
    sec = 19;
    usec = 0;
    time_system = 2;
}
CpuTime = 9.591000000000000e+01;
}
ingestStartTime =
{
    year = 2000;
    month = 8;
    day = 8;
    hour = 18;
    minute = 46;
    sec = 5;
    usec = 448375;
    time_system = 2;
}
ingestEndTime =
{
    year = 2000;
    month = 8;
    day = 8;
    hour = 18;
    minute = 46;
    sec = 32;
    usec = 286375;
    time_system = 2;
}
ingestStartTimeString = "2000 08 08 18:46:05.448";
ingestEndTimeString = "2000 08 08 18:46:32.286";
segmentStartTime =
{
    year = 2000;
    month = 8;
    day = 8;
    hour = 18;
    minute = 46;
    sec = 5;
    usec = 448375;
    time_system = 2;
}
}

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```

segmentEndTime =
{
    year = 2000;
    month = 8;
    day = 8;
    hour = 18;
    minute = 46;
    sec = 32;
    usec = 286375;
    time_system = 2;
}
ProcessingInformation =
{
    TotalNumberOfSwaths = 374;
    TotalNumberSwathsWithSyncLosses = 0;
    TotalNumberOfSyncLosses = 0;
    MinimumLineLength = 6320;
    MaximumLineLength = 6322;
    InputCentreDateAndTimeAtStation =
    {
        year = 2000;
        month = 8;
        day = 8;
        hour = 18;
        minute = 46;
        sec = 18;
        usec = 867375;
        time_system = 2;
    }
    NumberOfBandsIngested = 9;
    BandNumbersIngested =
    [
        1L;
        2L;
        3L;
        4L;
        5L;
        6L;
        7L;
        8L;
        9L;
    ]
}
}=====
DemInit.input:
=====
{
    inputImageFileName =
"/usr1/nlaps/RT/workorders/011011003017500005/Input_LZR_Main.tif";
    acqModelIdentifier = "/usr1/nlaps/RT/workorders/011011003017500005/Input_";
    spheroidParams =
    {
        earth_spheroid_name = "NAD83";
        semimajor_axis = 6.3781370000000000e+06;
        eccentricity_squared = 6.694380022900790e-03;
        earth_centre_offset =
        {

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        lowerB = 1;
        upperB = 3;
        Bstore =
        [
            0.0000000000000000e+00;
            0.0000000000000000e+00;
            0.0000000000000000e+00;
        ]
    }
    ellipsoidCode = 7019;
}
sceneHandle = "/usr1/nlaps/RT/workorders/011011003017500005/Input_";
demType = 0;
baseElevation ?= 0.0000000000000000e+00F;
demPath ?= "";
}
=====
ModelRefinement.input:
=====
{
    commonChildInputParams =
    {
        inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500005/Input_";
        productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003017500005/Product_";
        outputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500005/Output_";
        reportName = "ModelRefinement.report";
    }
    imageHandle =
"/usr1/nlaps/RT/workorders/011011003017500005/Input_LZR_Main.tif";
    scpCreationFlag = FALSE;
    autoMarkingMode = 0L;
    manualMarkingMode = 2L;
    bands =
    {
        numBands = 9;
        bandsUsed =
        [
            1;
            2;
            3;
            4;
            5;
            6;
            7;
            8;
            9;
        ]
    }
}
}
=====
ModelRefinement.report:
=====
{
    ReportHeader =
    {
        ReportName = "ModelRefinementReport";
    }
}

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```

VersionNumber = 1.0000000000000000e+00;
WorkOrderId = "011011003017500005";
StartTime = "Mon Oct 15 08:30:24 2001";
StartTimeRecord =
{
    year = 2001;
    month = 10;
    day = 15;
    hour = 8;
    minute = 30;
    sec = 24;
    usec = 0;
    time_system = 2;
}
CompletionTime = "Mon Oct 15 11:39:31 2001";
CompletionTimeRecord =
{
    year = 2001;
    month = 10;
    day = 15;
    hour = 11;
    minute = 39;
    sec = 31;
    usec = 0;
    time_system = 2;
}
CpuTime = 5.1190000000000000e+01;
}
Satellite = "LS7 ";
Sensor = "ETMP";
AcquisitionTime =
{
    year = 2000L;
    month = 8L;
    day = 8L;
    hour = 18L;
    minute = 46L;
    sec = 18L;
    usec = 932600L;
    time_system = 2L;
}
PrecisionModelSummary =
{
    NumberOfCPsInModel = 13L;
    ModelErrors =
    {
        along_track =
        {
            mean_error = 1.422214031219482e+00;
            rms_error = 9.395274162292480e+00;
            std_dev_error = 9.287006378173828e+00;
        }
        across_track =
        {
            mean_error = -4.425935745239258e-01;
            rms_error = 4.441152572631836e+00;
            std_dev_error = 4.419044017791748e+00;
        }
    }
}

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    }
    height =
    {
        mean_error = 3.999930992722511e-02;
        rms_error = 4.510129094123840e-01;
        std_dev_error = 4.492356777191162e-01;
    }
    combined =
    {
        mean_error = 1.490027427673340e+00;
        rms_error = 1.040184783935547e+01;
        std_dev_error = 1.029457378387451e+01;
    }
}
}
ControlPointsSummary =
[
    {
        CpNumber = 8000L;
        CpAutoMarked = TRUE;
        CpKind = "RCP";
        CpLocation =
        {
            latitude = 4.871212475831712e+01;
            longitude = -1.211573969197756e+02;
            height = 3.128170947600156e+02;
        }
        CpResiduals =
        {
            alongTrack = 4.756055014935487e+00;
            acrossTrack = 5.316444285749840e+00;
            height = 1.282855286015541e-01;
            combined = 7.134500425777808e+00;
        }
    }
    {
        CpNumber = 7724L;
        CpAutoMarked = TRUE;
        CpKind = "RCP";
        CpLocation =
        {
            latitude = 4.953684766949954e+01;
            longitude = -1.218641403617079e+02;
            height = -6.082653999328613e-05;
        }
        CpResiduals =
        {
            alongTrack = 4.030596084377811e+00;
            acrossTrack = -3.969029391189186e+00;
            height = 3.617233562423077e-01;
            combined = 5.668310408752906e+00;
        }
    }
    {
        CpNumber = 7994L;
        CpAutoMarked = TRUE;
        CpKind = "RCP";
    }
]

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CpLocation =
{
    latitude = 4.830370898582050e+01;
    longitude = -1.225332015738640e+02;
    height = 1.219997990354896e+02;
}
CpResiduals =
{
    alongTrack = 2.603282460889807e+00;
    acrossTrack = 3.937893110223826e+00;
    height = -4.467024320020486e-01;
    combined = 4.741690076489744e+00;
}
}
{
    CpNumber = 7942L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.897072378850898e+01;
        longitude = -1.219574128240827e+02;
        height = 1.402311940132640e+03;
    }
    CpResiduals =
    {
        alongTrack = -8.141486681158201e+00;
        acrossTrack = -5.713411220017368e+00;
        height = 4.434865530175403e-01;
        combined = 9.956081230645124e+00;
    }
}
}
{
    CpNumber = 8204L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.818274844139875e+01;
        longitude = -1.212432541748667e+02;
        height = 1.620216941549443e+03;
    }
    CpResiduals =
    {
        alongTrack = -1.816585193159837e+01;
        acrossTrack = -3.014442154278129e+00;
        height = -1.261274468075388e-01;
        combined = 1.841469375349705e+01;
    }
}
}
{
    CpNumber = 7826L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.898655116634821e+01;

```

```

    longitude = -1.203830842344793e+02;
    height = 2.189015940407291e+03;
}
CpResiduals =
{
    alongTrack = -7.717315022620620e+00;
    acrossTrack = -2.471700162645084e+00;
    height = -2.407876428844298e-01;
    combined = 8.107048263168998e+00;
}
}
{
    CpNumber = 8146L;
    CpAutoMarked = TRUE;
    CpKind = "SCP";
    CpLocation =
    {
        latitude = 4.867062976395552e+01;
        longitude = -1.224123575229510e+02;
        height = 1.10655999510646e+02;
    }
    CpResiduals =
    {
        alongTrack = 7.389857173048998e+00;
        acrossTrack = 1.372630293113313e+00;
        height = -1.600946588319387e-01;
        combined = 7.517960711484371e+00;
    }
}
{
    CpNumber = 26576L;
    CpAutoMarked = FALSE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.922207309933924e+01;
        longitude = -1.210030786930003e+02;
        height = 1.380555939674377e+03;
    }
    CpResiduals =
    {
        alongTrack = 6.040872286577637e+00;
        acrossTrack = -2.118454184003097e+00;
        height = -3.392948366541582e-02;
        combined = 6.401651140317142e+00;
    }
}
{
    CpNumber = 7723L;
    CpAutoMarked = FALSE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.944020663380458e+01;
        longitude = -1.203021463266027e+02;
        height = 5.799999394519255e+02;
    }
}

```

```

CpResiduals =
{
  alongTrack = -8.212414082921171e+00;
  acrossTrack = -4.855991743146463e+00;
  height = -4.082879011117351e-01;
  combined = 9.549403116900178e+00;
}
}
{
CpNumber = 8203L;
CpAutoMarked = FALSE;
CpKind = "RCP";
CpLocation =
{
  latitude = 4.824032967513165e+01;
  longitude = -1.204027430802413e+02;
  height = 2.256853941760957e+03;
}
CpResiduals =
{
  alongTrack = 1.382534400928407e+01;
  acrossTrack = -3.129972086441728e+00;
  height = -4.269150890147664e-01;
  combined = 1.418164725023789e+01;
}
}
{
CpNumber = 7998L;
CpAutoMarked = FALSE;
CpKind = "RCP";
CpLocation =
{
  latitude = 4.854388297116334e+01;
  longitude = -1.203232480427701e+02;
  height = 5.943599401814863e+02;
}
CpResiduals =
{
  alongTrack = 1.043935817559530e+01;
  acrossTrack = 1.038367702419636e+01;
  height = 1.276807114728188e+00;
  combined = 1.477941758221251e+01;
}
}
{
CpNumber = 7945L;
CpAutoMarked = FALSE;
CpKind = "SCP";
CpLocation =
{
  latitude = 4.912178622670981e+01;
  longitude = -1.223027159670196e+02;
  height = 1.529065791517496e+00;
}
CpResiduals =
{
  alongTrack = -1.913671700519388e+00;

```

```

        acrossTrack = -1.172104698788616e+00;
        height = 1.446281981151841e-01;
        combined = 2.248752124619600e+00;
    }
}
{
    CpNumber = 8017L;
    CpAutoMarked = FALSE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.859643060358826e+01;
        longitude = -1.215250931316306e+02;
        height = 1.220293940863572e+03;
    }
    CpResiduals =
    {
        alongTrack = 1.355415621454992e+01;
        acrossTrack = -3.192553730520846e-01;
        height = 7.904942785852853e-03;
        combined = 1.355791787737945e+01;
    }
}
]
}

```

```

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

```

```

{
    inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500005/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 = 6.378137000000000e+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;
}
orientationChoice = 1;
path ?= 46;
row ?= 26;
sceneShift ?= 0.000000000000000e+00F;
mapPixelSpacing ?= 3.000000000000000e+01;
mapLineSpacing ?= 3.000000000000000e+01;
performRegionCheck = FALSE;
performDEM_Correction = TRUE;
performElevationCorrection = FALSE;
performBaseElevationCorrection = FALSE;
baseElevation = 0.000000000000000e+00F;
}

```

```
=====
ProductDefinition.output:
=====
```

```
{
  inputLimits =
  {
    inputLimits =
    [
      {
        startPixel = 1;
        endPixel = 6336;
        startLine = 17;
        endLine = 5984;
      }
      {
        startPixel = 1;
        endPixel = 6336;
        startLine = 17;
        endLine = 5984;
      }
      {
        startPixel = 1;
        endPixel = 6336;
        startLine = 17;
        endLine = 5984;
      }
      {
        startPixel = 1;
        endPixel = 6336;
        startLine = 17;
        endLine = 5984;
      }
      {
        startPixel = 1;
        endPixel = 6336;
        startLine = 17;
        endLine = 5984;
      }
      {
        startPixel = 1;
        endPixel = 3168;
        startLine = 9;
        endLine = 2992;
      }
      {
        startPixel = 1;
        endPixel = 6336;
        startLine = 17;
        endLine = 5984;
      }
      {
        startPixel = 1;
        endPixel = 12672;
        startLine = 33;
        endLine = 11968;
      }
    ]
  }
}
```

```

        startPixel = 1;
        endPixel = 3168;
        startLine = 9;
        endLine = 2992;
    }
]
}
imageSize =
[
    {
        numLines = 7329;
        numPixels = 7704;
    }
    {
        numLines = 7329;
        numPixels = 7704;
    }
    {
        numLines = 7329;
        numPixels = 7704;
    }
    {
        numLines = 7329;
        numPixels = 7704;
    }
    {
        numLines = 7329;
        numPixels = 7704;
    }
    {
        numLines = 7329;
        numPixels = 7704;
    }
    {
        numLines = 3664;
        numPixels = 3852;
    }
    {
        numLines = 7329;
        numPixels = 7704;
    }
    {
        numLines = 14658;
        numPixels = 15408;
    }
    {
        numLines = 3664;
        numPixels = 3852;
    }
]
outputResolution =
[
    {
        lineSpacing = 3.000000000000000e+01F;
        pixelSpacing = 3.000000000000000e+01F;
    }
    {
        lineSpacing = 3.000000000000000e+01F;
        pixelSpacing = 3.000000000000000e+01F;
    }
]

```

[illegible]

```

    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
]
outputMapRefPoint =
{
    x = 3.247050000000000e+05;
    y = 5.026950000000000e+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;
        ]
    }
    referenceSpheroid =
    {
        earth_spheroid_name = "NAD83";
        semimajor_axis = 6.378137000000000e+06;
        eccentricity_squared = 6.694380022900790e-03;
        earth_centre_offset =
        {
            lowerB = 1;
            upperB = 3;
            Bstore =
            [
                0.000000000000000e+00;
                0.000000000000000e+00;
                0.000000000000000e+00;
            ]
        }
    }
}

```

```

        ellipsoidCode = 7019;
    }
}
GCTPZone = 4602;
}
path = 46;
row = 26;
startRow = 0;
endRow = 0;
floatingEndRow = 0.0000000000000000e+00F;
geodeticCentre =
{
    latitude = 8.528232694373532e-01;
    longitude = -2.117324821871866e+00;
    height = 0.0000000000000000e+00;
}
mapCentre =
{
    x = 4.4025000000000000e+05;
    y = 3.9277500000000000e+05;
    height = 0.0000000000000000e+00;
}
geodeticSceneCorners =
[
    {
        latitude = 8.699976453189388e-01;
        longitude = -2.134340926377789e+00;
        height = 0.0000000000000000e+00;
    }
    {
        latitude = 8.633820857207342e-01;
        longitude = -2.088983331077528e+00;
        height = 0.0000000000000000e+00;
    }
    {
        latitude = 8.357188352419118e-01;
        longitude = -2.100923270932039e+00;
        height = 0.0000000000000000e+00;
    }
    {
        latitude = 8.421258795572844e-01;
        longitude = -2.144894792010274e+00;
        height = 0.0000000000000000e+00;
    }
]
geodeticProductCorners =
[
    {
        latitude = 8.352128021112830e-01;
        longitude = -2.144003880972110e+00;
        height = 0.0000000000000000e+00;
    }
    {
        latitude = 8.355798940333047e-01;
        longitude = -2.090098855410664e+00;
        height = 0.0000000000000000e+00;
    }
]

```

```

    {
        latitude = 8.700591685004452e-01;
        longitude = -2.089594889028571e+00;
        height = 0.000000000000000e+00;
    }
    {
        latitude = 8.696785388166194e-01;
        longitude = -2.145585073260164e+00;
        height = 0.000000000000000e+00;
    }
]
mapProductCorners =
[
    {
        x = 3.247050000000000e+05;
        y = 2.828250000000000e+05;
        height = 0.000000000000000e+00;
    }
    {
        x = 5.558250000000000e+05;
        y = 2.828250000000000e+05;
        height = 0.000000000000000e+00;
    }
    {
        x = 5.558250000000000e+05;
        y = 5.026950000000000e+05;
        height = 0.000000000000000e+00;
    }
    {
        x = 3.247050000000000e+05;
        y = 5.026950000000000e+05;
        height = 0.000000000000000e+00;
    }
]
blackfillEdgeChoice = 1;
alignmentChoice = 2;
}
=====
DemIngest.input:
=====
{
    commonChildInputParams =
    {
        reportName = "DemIngest.report";
        inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500005/Input_";
    }
    demList =
    [
        {
            demType = 2;
            mediaType = 4;
            mediaId = "/dem_data/DEM/washingtonDem";
            filename = "washcanus_elev2";
        }
    ]
    priority = 7.000000000000000e+00F;
    numLines = 7329;
}

```

```

numPixels = 7704;
lineSpacing = 3.000000000000000e+01F;
pixelSpacing = 3.000000000000000e+01F;
mapRefPoint =
{
    x = 3.247050000000000e+05;
    y = 5.026950000000000e+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;
            0.000000000000000e+00;
        ]
        referenceSpheroid =
        {
            earth_spheroid_name = "NAD83";
            semimajor_axis = 6.378137000000000e+06;
            eccentricity_squared = 6.694380022900790e-03;
            earth_centre_offset =
            {
                lowerB = 1;
                upperB = 3;
                Bstore =
                [
                    0.000000000000000e+00;
                    0.000000000000000e+00;
                    0.000000000000000e+00;
                ]
            }
            ellipsoidCode = 7019;
        }
    }
    GCTPZone = 4602;
}
}
=====

```

DemIngest.output:

```
=====
{
  ImageHandle =
"/usr1/nlaps/RT/workorders/011011003017500005/Input__DEMI_IngestControl.tif";
  ImageAllocationId = 229337L;
}
=====
```

DemIngest.report:

```
=====
{
  ReportHeader =
  {
    ReportName = "DEM Ingest Report";
    VersionNumber = 1.0000000000000000e+00;
    WorkOrderId = "011011003017500005";
    StartTime = "Mon Oct 15 11:39:43 2001";
    StartTimeRecord =
    {
      year = 2001;
      month = 10;
      day = 15;
      hour = 11;
      minute = 39;
      sec = 43;
      usec = 0;
      time_system = 2;
    }
    CompletionTime = "Mon Oct 15 11:40:29 2001";
    CompletionTimeRecord =
    {
      year = 2001;
      month = 10;
      day = 15;
      hour = 11;
      minute = 40;
      sec = 29;
      usec = 0;
      time_system = 2;
    }
    CpuTime = 2.6540000000000000e+01;
  }
  PixelSpacing = 3.0000000000000000e+01F;
  PixelSpacingUnits = "meters";
  LineSpacing = 3.0000000000000000e+01F;
  LineSpacingUnits = "meters";
  ProductOrderNumber = "011011003017500005";
  SourceFormat = "LAS";
  PixelType = 2L;
  HorizontalDatum = "NORTHAM_83_CONUS";
  VerticalDatum = "MSL";
  UpperLatitude = 4.985485099755700e+01;
  RightLongitude = -1.197184487825039e+02;
  LowerLatitude = 4.784958694793298e+01;
  LeftLongitude = -1.229400347396824e+02;
  NumberOfLines = 7362L;
  PixelsPerLine = 7737L;
}
```

```

UnitOfElevationMeasure = "meters";
Error =
{
    circularError = 4.200000000000000e+01;
    linearError = 4.200000000000000e+01;
}
InputMediaReport =
[
    {
        Media = "/dem_data/DEM/washingtonDem";
        File = "washcanus_elev2";
    }
]
}
=====
WarpDem.input:
=====
{
    commonChildInputParams =
    {
        reportName = "WarpDem.report";
        inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500005/Input_";
        productSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500005/DEM_";
    }
    priority = 7.000000000000000e+00F;
    InputImageFile =
"/usr1/nlaps/RT/workorders/011011003017500005/Input__DEMI_IngestControl.tif";
    ResampleImageOrDemFlag = FALSE;
    CollectStatsFlag = TRUE;
    productSpecification =
    {
        satellite = "LS7 ";
        sensor = "ETMP";
        processingLevel = "Precision Geocorrection";
        outputPixelType = 2;
        blackfillEdgeChoice = 1;
        path = 46;
        row = 26;
        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 = 6.378137000000000e+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;
}
outputMapRefPoint =
{
  x = 3.247050000000000e+05;
  y = 5.026950000000000e+05;
  height = 0.000000000000000e+00;
}
outputOrientation = 0.000000000000000e+00;
inputLimits =
{
  inputLimits =
  [
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 17;
    }
  ]
}

```

```

        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 17;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 17;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 17;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 17;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 9;
        endLine = 2992;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 17;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 12672;
        startLine = 33;
        endLine = 11968;
    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 9;
        endLine = 2992;
    }
    ]
}
processingOptions =
{
    resamplingKernel = "CC";
    resamplingMethod = "1Pass2Dimensional";
    performRadiometricCorrection = TRUE;

```

```

    radiometricAlgorithm = 1;
    performGeometricCorrection = TRUE;
    performDEM_Correction = TRUE;
    performElevationCorrection = FALSE;
    performBaseElevationCorrection = FALSE;
    baseElevation = 0.000000000000000e+00F;
    performAtmosphericCorrection = FALSE;
    performBadLineReplacement = FALSE;
    performScanGapCorrection = FALSE;
    alignmentRequired = FALSE;
    performHistogramming = FALSE;
    performDebandFilter = FALSE;
    performDespikeFilter = FALSE;
}
outputResolution =
[
  {
    lineSpacing = 3.000000000000000e+01F;
    pixelSpacing = 3.000000000000000e+01F;
  }
]
imageSize =
[
  {
    numLines = 7329;
    numPixels = 7704;
  }
]
outputImageRefPoint =
[
  {
    line = 5.000000000000000e-01F;
    pixel = 5.000000000000000e-01F;
  }
]
}
}
=====
WarpDem.output:
=====
{
  outputImage =
  {
    outputImageHandle =
"/usr1/nlaps/RT/workorders/011011003017500005/DEM__OPR_WarpResampler.tif";
    outputImageAllocationId = 229350L;
  }
}
=====
WarpDem.report:
=====
{
  ReportHeader =
  {
    ReportName = "resamplerReport";
    VersionNumber = 1.000000000000000e+00;
    WorkOrderId = "011011003017500005";
  }
}

```

```

StartTime = "Mon Oct 15 11:40:31 2001";
StartTimeRecord =
{
    year = 2001;
    month = 10;
    day = 15;
    hour = 11;
    minute = 40;
    sec = 31;
    usec = 0;
    time_system = 2;
}
CompletionTime = "Mon Oct 15 11:43:48 2001";
CompletionTimeRecord =
{
    year = 2001;
    month = 10;
    day = 15;
    hour = 11;
    minute = 43;
    sec = 48;
    usec = 0;
    time_system = 2;
}
CpuTime = 3.516000000000000e+01;
}
GeometricCorrectionLevel = "map-projected";
ProductInfo =
{
    Projection = "SPCS";
    GCTPZone = 4602;
    Datum = "NAD83";
    Orientation = 0.000000000000000e+00;
}
ResamplingInfo =
{
    Method = "1 PASS";
    Kernel = "Bilinear";
}
SatelliteAngleOfIncidence = 0.000000000000000e+00;
SatelliteAngleOfIncidenceDirection = "L";
SatelliteIncidentOrientation = 0.000000000000000e+00;
SatelliteOffNadirPointingAngle = 0.000000000000000e+00;
OffNadirPointingAngle = 0.000000000000000e+00;
DemCorrection =
{
    WasApplied = FALSE;
}
ElevationCorrection =
{
    WasApplied = FALSE;
}
RadiometricCorrection =
{
    WasApplied = FALSE;
}
}

```



```

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 = 0.000000000000000e+00F;
  performAtmosphericCorrection = FALSE;
  performBadLineReplacement = TRUE;
  performScanGapCorrection = TRUE;
  alignmentRequired = FALSE;
  performHistogramming = TRUE;
  performDebandFilter = FALSE;
  performDespikeFilter = FALSE;
}
outputMapRefPoint =
{
  x = 3.247050000000000e+05;
  y = 5.026950000000000e+05;
  height = 0.000000000000000e+00;
}
outputOrientation = 0.000000000000000e+00;
inputLimits =

```

```

{
  inputLimits =
  [
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 17;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 17;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 17;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 17;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 17;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 3168;
      startLine = 9;
      endLine = 2992;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 17;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 12672;
      startLine = 33;
      endLine = 11968;
    }
    {
      startPixel = 1;
      endPixel = 3168;
      startLine = 9;
      endLine = 2992;
    }
  ]
}

```

```

    ]
}
imageSize =
[
    {
        numLines = 7329;
        numPixels = 7704;
    }
    {
        numLines = 7329;
        numPixels = 7704;
    }
    {
        numLines = 7329;
        numPixels = 7704;
    }
    {
        numLines = 7329;
        numPixels = 7704;
    }
    {
        numLines = 7329;
        numPixels = 7704;
    }
    {
        numLines = 7329;
        numPixels = 7704;
    }
    {
        numLines = 3664;
        numPixels = 3852;
    }
    {
        numLines = 7329;
        numPixels = 7704;
    }
    {
        numLines = 14658;
        numPixels = 15408;
    }
    {
        numLines = 3664;
        numPixels = 3852;
    }
]
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;
    }

```

[illegible]

```

        {
            line = 5.000000000000000e-01F;
            pixel = 5.000000000000000e-01F;
        }
    ]
}
}
=====
ImageCorrection.output:
=====
{
    outputImage =
    {
        outputImageHandle =
"/usr1/nlaps/RT/workorders/011011003017500005/Product__OPR_MsResampler.tif";
        outputImageAllocationId = 229391L;
    }
}
=====
ImageCorrection.report:
=====
{
    ReportHeader =
    {
        ReportName = "resamplerReport";
        VersionNumber = 1.000000000000000e+00;
        WorkOrderId = "011011003017500005";
        StartTime = "Mon Oct 15 11:43:51 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 11;
            minute = 43;
            sec = 51;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Mon Oct 15 11:57:04 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 11;
            minute = 57;
            sec = 4;
            usec = 0;
            time_system = 2;
        }
        CpuTime = 1.606570000000000e+03;
    }
    GeometricCorrectionLevel = "map-projected";
    ProductInfo =
    {
        Projection = "SPCS";
    }
}

```

```

    GCTPZone = 4602;
    Datum = "NAD83";
    Orientation = 0.0000000000000000e+00;
}
ResamplingInfo =
{
    Method = "1 PASS";
    Kernel = "CC";
}
SatelliteAngleOfIncidence = 2.498796071118647e-01;
SatelliteAngleOfIncidenceDirection = "R";
SatelliteIncidentOrientation = 1.741491911222571e+02;
SatelliteOffNadirPointingAngle = 5.684261502117772e-02;
OffNadirPointingAngle = 0.0000000000000000e+00;
DemCorrection =
{
    WasApplied = TRUE;
    DataSource = 1L;
}
ElevationCorrection =
{
    WasApplied = FALSE;
}
RadiometricCorrection =
{
    WasApplied = TRUE;
    RadCorrTableReport =
    {
        calOption = "NASA";
        bandInProduct =
        [
            TRUE;
            TRUE;
            TRUE;
            TRUE;
            TRUE;
            TRUE;
            TRUE;
            TRUE;
            TRUE;
        ]
    }
    bandData =
    [
        {
            bandNumber = 1L;
            gainOffsetCoefficient =
            {
                gain = 7.75686e-01;
                offset = -6.20000e+00;
            }
            lowerReflectanceLimit = 0L;
            upperReflectanceLimit = 100L;
            referenceDetector = 15L;
            useDefaultAbsCalibration = FALSE;
            numberDetectors = 16L;
            calibrationCoeffs_ =
            [

```

[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 = 9.66045e-01;
            offset = -7.91131e+00;
        }
        {
            gain = 9.54576e-01;
            offset = -7.73039e+00;
        }
        {
            gain = 9.51504e-01;
            offset = -7.74467e+00;
        }
        {
            gain = 9.50098e-01;
            offset = -7.74924e+00;
        }
        {
            gain = 9.46191e-01;
            offset = -7.54619e+00;
        }
        {
            gain = 9.43437e-01;
            offset = -7.29116e+00;
        }
        {
            gain = 9.55760e-01;
            offset = -7.65008e+00;
        }
        {
            gain = 9.50295e-01;
            offset = -7.42631e+00;
        }
        {
            gain = 9.46384e-01;
            offset = -7.43914e+00;
        }
        {
            gain = 9.44838e-01;

```

```

        offset = -7.36708e+00;
    }
    {
        gain = 9.49830e-01;
        offset = -7.50689e+00;
    }
    {
        gain = 9.42483e-01;
        offset = -7.50525e+00;
    }
    {
        gain = 9.52489e-01;
        offset = -7.64181e+00;
    }
    {
        gain = 9.43031e-01;
        offset = -7.56007e+00;
    }
    {
        gain = 9.55402e-01;
        offset = -7.80163e+00;
    }
    {
        gain = 9.53400e-01;
        offset = -7.66700e+00;
    }
]
[
    {
        gain = 9.66045e-01;
        offset = -7.91131e+00;
    }
    {
        gain = 9.54576e-01;
        offset = -7.73039e+00;
    }
    {
        gain = 9.51504e-01;
        offset = -7.74467e+00;
    }
    {
        gain = 9.50098e-01;
        offset = -7.74924e+00;
    }
    {
        gain = 9.46191e-01;
        offset = -7.54619e+00;
    }
    {
        gain = 9.43437e-01;
        offset = -7.29116e+00;
    }
    {
        gain = 9.55760e-01;
        offset = -7.65008e+00;
    }
    {

```

```

        gain = 9.50295e-01;
        offset = -7.42631e+00;
    }
    {
        gain = 9.46384e-01;
        offset = -7.43914e+00;
    }
    {
        gain = 9.44838e-01;
        offset = -7.36708e+00;
    }
    {
        gain = 9.49830e-01;
        offset = -7.50689e+00;
    }
    {
        gain = 9.42483e-01;
        offset = -7.50525e+00;
    }
    {
        gain = 9.52489e-01;
        offset = -7.64181e+00;
    }
    {
        gain = 9.43031e-01;
        offset = -7.56007e+00;
    }
    {
        gain = 9.55402e-01;
        offset = -7.80163e+00;
    }
    {
        gain = 9.53400e-01;
        offset = -7.66700e+00;
    }
    ]
]
}
{
    bandNumber = 2L;
    gainOffsetCoefficient =
    {
        gain = 7.95686e-01;
        offset = -6.39999e+00;
    }
    lowerReflectanceLimit = 0L;
    upperReflectanceLimit = 100L;
    referenceDetector = 12L;
    useDefaultAbsCalibration = FALSE;
    numberDetectors = 16L;
    calibrationCoeffs_ =
    [
        [
            {
                gain = 1.00000e+00;
                offset = 0.00000e+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 = 9.45010e-01;
        offset = -7.90754e+00;
    }
    {
        gain = 9.54108e-01;
        offset = -7.80758e+00;
    }
    {
        gain = 9.47957e-01;
        offset = -7.63685e+00;
    }
    {
        gain = 9.50980e-01;
        offset = -7.67593e+00;
    }
    {
        gain = 9.42935e-01;
        offset = -7.41446e+00;
    }
    {
        gain = 9.40311e-01;
        offset = -7.41056e+00;
    }
    {
        gain = 9.60940e-01;
        offset = -7.73507e+00;
    }
    {
        gain = 9.39061e-01;
        offset = -7.49949e+00;
    }
    {
        gain = 9.40285e-01;
        offset = -7.42842e+00;
    }
    {
        gain = 9.43042e-01;
        offset = -7.44108e+00;
    }
    {
        gain = 9.45855e-01;
        offset = -7.51110e+00;
    }

```

```

    }
    {
        gain = 9.44861e-01;
        offset = -7.61537e+00;
    }
    {
        gain = 9.56195e-01;
        offset = -7.75713e+00;
    }
    {
        gain = 9.40709e-01;
        offset = -7.62127e+00;
    }
    {
        gain = 9.52261e-01;
        offset = -7.73847e+00;
    }
    {
        gain = 9.53288e-01;
        offset = -7.72153e+00;
    }
]
[
    {
        gain = 9.45010e-01;
        offset = -7.90754e+00;
    }
    {
        gain = 9.54108e-01;
        offset = -7.80758e+00;
    }
    {
        gain = 9.47957e-01;
        offset = -7.63685e+00;
    }
    {
        gain = 9.50980e-01;
        offset = -7.67593e+00;
    }
    {
        gain = 9.42935e-01;
        offset = -7.41446e+00;
    }
    {
        gain = 9.40311e-01;
        offset = -7.41056e+00;
    }
    {
        gain = 9.60940e-01;
        offset = -7.73507e+00;
    }
    {
        gain = 9.39061e-01;
        offset = -7.49949e+00;
    }
    {
        gain = 9.40285e-01;

```

```

        offset = -7.42842e+00;
    }
    {
        gain = 9.43042e-01;
        offset = -7.44108e+00;
    }
    {
        gain = 9.45855e-01;
        offset = -7.51110e+00;
    }
    {
        gain = 9.44861e-01;
        offset = -7.61537e+00;
    }
    {
        gain = 9.56195e-01;
        offset = -7.75713e+00;
    }
    {
        gain = 9.40709e-01;
        offset = -7.62127e+00;
    }
    {
        gain = 9.52261e-01;
        offset = -7.73847e+00;
    }
    {
        gain = 9.53288e-01;
        offset = -7.72153e+00;
    }
    ]
]
}
{
    bandNumber = 3L;
    gainOffsetCoefficient =
    {
        gain = 6.19216e-01;
        offset = -5.00000e+00;
    }
    lowerReflectanceLimit = 0L;
    upperReflectanceLimit = 100L;
    referenceDetector = 8L;
    useDefaultAbsCalibration = FALSE;
    numberDetectors = 16L;
    calibrationCoeffs_ =
    [
        [
            {
                gain = 1.00000e+00;
                offset = 0.00000e+00;
            }
            {
                gain = 1.00000e+00;
                offset = 0.00000e+00;
            }
        ]
    ]
}

```

[illegible]

[illegible]

```

    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
  {
    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
]
[
  {
    gain = 9.55127e-01;
    offset = -7.85932e+00;
  }
  {
    gain = 9.48428e-01;
    offset = -7.68916e+00;
  }
  {
    gain = 9.55105e-01;
    offset = -7.71229e+00;
  }
  {
    gain = 9.51296e-01;
    offset = -7.70505e+00;
  }
  {
    gain = 9.56329e-01;
    offset = -7.70799e+00;
  }
  {
    gain = 9.41310e-01;
    offset = -7.48878e+00;
  }
  {
    gain = 9.53849e-01;
    offset = -7.66678e+00;
  }
  {
    gain = 9.41687e-01;
    offset = -7.44393e+00;
  }
  {
    gain = 9.50117e-01;
    offset = -7.62160e+00;
  }
  {
    gain = 9.58795e-01;
    offset = -7.65887e+00;
  }
  {
    gain = 9.59392e-01;
    offset = -7.78492e+00;
  }
  {
    gain = 9.49970e-01;
    offset = -7.66193e+00;
  }
}

```

```

    {
        gain = 9.52709e-01;
        offset = -7.71578e+00;
    }
    {
        gain = 9.49411e-01;
        offset = -7.59195e+00;
    }
    {
        gain = 9.53073e-01;
        offset = -7.88097e+00;
    }
    {
        gain = 9.56649e-01;
        offset = -7.81296e+00;
    }
]
[
    {
        gain = 9.55127e-01;
        offset = -7.85932e+00;
    }
    {
        gain = 9.48428e-01;
        offset = -7.68916e+00;
    }
    {
        gain = 9.55105e-01;
        offset = -7.71229e+00;
    }
    {
        gain = 9.51296e-01;
        offset = -7.70505e+00;
    }
    {
        gain = 9.56329e-01;
        offset = -7.70799e+00;
    }
    {
        gain = 9.41310e-01;
        offset = -7.48878e+00;
    }
    {
        gain = 9.53849e-01;
        offset = -7.66678e+00;
    }
    {
        gain = 9.41687e-01;
        offset = -7.44393e+00;
    }
    {
        gain = 9.50117e-01;
        offset = -7.62160e+00;
    }
    {
        gain = 9.58795e-01;
        offset = -7.65887e+00;
    }

```

```

    }
    {
        gain = 9.59392e-01;
        offset = -7.78492e+00;
    }
    {
        gain = 9.49970e-01;
        offset = -7.66193e+00;
    }
    {
        gain = 9.52709e-01;
        offset = -7.71578e+00;
    }
    {
        gain = 9.49411e-01;
        offset = -7.59195e+00;
    }
    {
        gain = 9.53073e-01;
        offset = -7.88097e+00;
    }
    {
        gain = 9.56649e-01;
        offset = -7.81296e+00;
    }
    ]
]
}
{
    bandNumber = 4L;
    gainOffsetCoefficient =
    {
        gain = 9.65490e-01;
        offset = -5.10001e+00;
    }
    lowerReflectanceLimit = 0L;
    upperReflectanceLimit = 100L;
    referenceDetector = 7L;
    useDefaultAbsCalibration = FALSE;
    numberDetectors = 16L;
    calibrationCoeffs_ =
    [
        [
            {
                gain = 9.72821e-01;
                offset = -5.22026e+00;
            }
            {
                gain = 9.52178e-01;
                offset = -4.91920e+00;
            }
            {
                gain = 9.62203e-01;
                offset = -5.06239e+00;
            }
            {
                gain = 9.60183e-01;

```

```

    offset = -5.14746e+00;
  }
  {
    gain = 9.61973e-01;
    offset = -5.07673e+00;
  }
  {
    gain = 9.52208e-01;
    offset = -4.99778e+00;
  }
  {
    gain = 9.60933e-01;
    offset = -5.00821e+00;
  }
  {
    gain = 9.53362e-01;
    offset = -4.76859e+00;
  }
  {
    gain = 9.71374e-01;
    offset = -5.26083e+00;
  }
  {
    gain = 9.59490e-01;
    offset = -4.86183e+00;
  }
  {
    gain = 9.64551e-01;
    offset = -5.01431e+00;
  }
  {
    gain = 9.68208e-01;
    offset = -5.14777e+00;
  }
  {
    gain = 9.53193e-01;
    offset = -5.13138e+00;
  }
  {
    gain = 9.73196e-01;
    offset = -5.40983e+00;
  }
  {
    gain = 9.65157e-01;
    offset = -5.12245e+00;
  }
  {
    gain = 9.68935e-01;
    offset = -5.19592e+00;
  }
]
[
  {
    gain = 9.72821e-01;
    offset = -5.22026e+00;
  }
  {

```

```
    gain = 9.52178e-01;
    offset = -4.91920e+00;
}
{
    gain = 9.62203e-01;
    offset = -5.06239e+00;
}
{
    gain = 9.60183e-01;
    offset = -5.14746e+00;
}
{
    gain = 9.61973e-01;
    offset = -5.07673e+00;
}
{
    gain = 9.52208e-01;
    offset = -4.99778e+00;
}
{
    gain = 9.60933e-01;
    offset = -5.00821e+00;
}
{
    gain = 9.53362e-01;
    offset = -4.76859e+00;
}
{
    gain = 9.71374e-01;
    offset = -5.26083e+00;
}
{
    gain = 9.59490e-01;
    offset = -4.86183e+00;
}
{
    gain = 9.64551e-01;
    offset = -5.01431e+00;
}
{
    gain = 9.68208e-01;
    offset = -5.14777e+00;
}
{
    gain = 9.53193e-01;
    offset = -5.13138e+00;
}
{
    gain = 9.73196e-01;
    offset = -5.40983e+00;
}
{
    gain = 9.65157e-01;
    offset = -5.12245e+00;
}
{
    gain = 9.68935e-01;
```

[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;
        }
    ]
]
}
{
    bandNumber = 5L;
    gainOffsetCoefficient =
    {
        gain = 1.25725e-01;
        offset = -9.99998e-01;
    }
    lowerReflectanceLimit = 0L;
    upperReflectanceLimit = 100L;
    referenceDetector = 14L;
    useDefaultAbsCalibration = FALSE;
    numberDetectors = 16L;
    calibrationCoeffs_ =
    [
        [
            {
                gain = 1.00000e+00;
                offset = 0.00000e+00;
            }
            {
                gain = 1.00000e+00;
                offset = 0.00000e+00;
            }
            {
                gain = 1.00000e+00;
                offset = 0.00000e+00;
            }
            {
                gain = 1.00000e+00;
                offset = 0.00000e+00;
            }
            {
                gain = 1.00000e+00;
                offset = 0.00000e+00;
            }
        ]
    ]
}

```

```

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

```

[illegible]

```
    gain = 9.54908e-01;
    offset = -7.34504e+00;
}
{
    gain = 9.51308e-01;
    offset = -7.56317e+00;
}
{
    gain = 9.51893e-01;
    offset = -7.55667e+00;
}
{
    gain = 9.46373e-01;
    offset = -7.49535e+00;
}
{
    gain = 9.44856e-01;
    offset = -7.42246e+00;
}
{
    gain = 9.52066e-01;
    offset = -7.63571e+00;
}
{
    gain = 9.63141e-01;
    offset = -7.70302e+00;
}
{
    gain = 9.56927e-01;
    offset = -7.58791e+00;
}
{
    gain = 9.58549e-01;
    offset = -7.62754e+00;
}
{
    gain = 9.50421e-01;
    offset = -7.47179e+00;
}
{
    gain = 9.54656e-01;
    offset = -7.88813e+00;
}
{
    gain = 9.61195e-01;
    offset = -7.67118e+00;
}
{
    gain = 9.54616e-01;
    offset = -7.65241e+00;
}
{
    gain = 9.58291e-01;
    offset = -7.67647e+00;
}
{
    gain = 9.55377e-01;
```

```

    offset = -7.51060e+00;
  }
  {
    gain = 9.51443e-01;
    offset = -7.61399e+00;
  }
]
[
  {
    gain = 9.54908e-01;
    offset = -7.34504e+00;
  }
  {
    gain = 9.51308e-01;
    offset = -7.56317e+00;
  }
  {
    gain = 9.51893e-01;
    offset = -7.55667e+00;
  }
  {
    gain = 9.46373e-01;
    offset = -7.49535e+00;
  }
  {
    gain = 9.44856e-01;
    offset = -7.42246e+00;
  }
  {
    gain = 9.52066e-01;
    offset = -7.63571e+00;
  }
  {
    gain = 9.63141e-01;
    offset = -7.70302e+00;
  }
  {
    gain = 9.56927e-01;
    offset = -7.58791e+00;
  }
  {
    gain = 9.58549e-01;
    offset = -7.62754e+00;
  }
  {
    gain = 9.50421e-01;
    offset = -7.47179e+00;
  }
  {
    gain = 9.54656e-01;
    offset = -7.88813e+00;
  }
  {
    gain = 9.61195e-01;
    offset = -7.67118e+00;
  }
  {

```

```

        gain = 9.54616e-01;
        offset = -7.65241e+00;
    }
    {
        gain = 9.58291e-01;
        offset = -7.67647e+00;
    }
    {
        gain = 9.55377e-01;
        offset = -7.51060e+00;
    }
    {
        gain = 9.51443e-01;
        offset = -7.61399e+00;
    }
    ]
]
}
{
    bandNumber = 6L;
    gainOffsetCoefficient =
    {
        gain = 6.68235e-02;
        offset = 0.00000e+00;
    }
    lowerReflectanceLimit = 0L;
    upperReflectanceLimit = 100L;
    referenceDetector = 8L;
    useDefaultAbsCalibration = FALSE;
    numberDetectors = 8L;
    calibrationCoeffs_ =
    [
        [
            {
                gain = 8.68537e-01;
                offset = 2.62364e+01;
            }
            {
                gain = 8.83740e-01;
                offset = 2.45808e+01;
            }
            {
                gain = 8.60333e-01;
                offset = 2.70000e+01;
            }
            {
                gain = 8.61595e-01;
                offset = 2.68352e+01;
            }
            {
                gain = 8.43484e-01;
                offset = 2.86926e+01;
            }
            {
                gain = 8.85040e-01;
                offset = 2.43930e+01;
            }
        ]
    ]
}

```

```

    {
        gain = 8.42268e-01;
        offset = 2.88127e+01;
    }
    {
        gain = 8.27301e-01;
        offset = 3.03464e+01;
    }
]
[
    {
        gain = 8.68537e-01;
        offset = 2.62364e+01;
    }
    {
        gain = 8.83740e-01;
        offset = 2.45808e+01;
    }
    {
        gain = 8.60333e-01;
        offset = 2.70000e+01;
    }
    {
        gain = 8.61595e-01;
        offset = 2.68352e+01;
    }
    {
        gain = 8.43484e-01;
        offset = 2.86926e+01;
    }
    {
        gain = 8.85040e-01;
        offset = 2.43930e+01;
    }
    {
        gain = 8.42268e-01;
        offset = 2.88127e+01;
    }
    {
        gain = 8.27301e-01;
        offset = 3.03464e+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;
    }
    {

```

[illegible]

[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 = 9.51392e-01;
    offset = -7.67907e+00;
}
{
    gain = 9.49434e-01;
    offset = -7.52349e+00;
}
{
    gain = 9.64877e-01;
    offset = -7.75601e+00;
}
{
    gain = 9.31377e-01;
    offset = -7.44342e+00;
}
{
    gain = 9.52167e-01;
    offset = -7.53477e+00;
}
{
    gain = 9.62248e-01;
    offset = -7.68765e+00;
}
}
```

```

    gain = 9.52403e-01;
    offset = -7.56759e+00;
}
{
    gain = 9.49668e-01;
    offset = -7.50490e+00;
}
{
    gain = 9.52512e-01;
    offset = -7.56899e+00;
}
{
    gain = 9.58046e-01;
    offset = -7.60690e+00;
}
{
    gain = 9.57703e-01;
    offset = -7.70790e+00;
}
{
    gain = 9.59021e-01;
    offset = -7.80484e+00;
}
{
    gain = 9.50516e-01;
    offset = -7.55589e+00;
}
{
    gain = 9.60143e-01;
    offset = -7.74982e+00;
}
{
    gain = 9.51461e-01;
    offset = -7.72893e+00;
}
{
    gain = 9.50779e-01;
    offset = -7.68007e+00;
}
]
[
{
    gain = 9.51392e-01;
    offset = -7.67907e+00;
}
{
    gain = 9.49434e-01;
    offset = -7.52349e+00;
}
{
    gain = 9.64877e-01;
    offset = -7.75601e+00;
}
{
    gain = 9.31377e-01;
    offset = -7.44342e+00;
}
}

```

```

    {
        gain = 9.52167e-01;
        offset = -7.53477e+00;
    }
    {
        gain = 9.62248e-01;
        offset = -7.68765e+00;
    }
    {
        gain = 9.52403e-01;
        offset = -7.56759e+00;
    }
    {
        gain = 9.49668e-01;
        offset = -7.50490e+00;
    }
    {
        gain = 9.52512e-01;
        offset = -7.56899e+00;
    }
    {
        gain = 9.58046e-01;
        offset = -7.60690e+00;
    }
    {
        gain = 9.57703e-01;
        offset = -7.70790e+00;
    }
    {
        gain = 9.59021e-01;
        offset = -7.80484e+00;
    }
    {
        gain = 9.50516e-01;
        offset = -7.55589e+00;
    }
    {
        gain = 9.60143e-01;
        offset = -7.74982e+00;
    }
    {
        gain = 9.51461e-01;
        offset = -7.72893e+00;
    }
    {
        gain = 9.50779e-01;
        offset = -7.68007e+00;
    }
    }
    ]
}
{
    bandNumber = 8L;
    gainOffsetCoefficient =
    {
        gain = 9.71765e-01;
        offset = -4.70000e+00;
    }
}

```

```

}
lowerReflectanceLimit = 0L;
upperReflectanceLimit = 100L;
referenceDetector = 27L;
useDefaultAbsCalibration = FALSE;
numberDetectors = 32L;
calibrationCoeffs_ =
[
  [
    {
      gain = 9.62373e-01;
      offset = -4.68026e+00;
    }
    {
      gain = 9.65947e-01;
      offset = -4.60561e+00;
    }
    {
      gain = 9.67785e-01;
      offset = -4.68808e+00;
    }
    {
      gain = 9.65668e-01;
      offset = -4.59533e+00;
    }
    {
      gain = 9.54894e-01;
      offset = -4.50703e+00;
    }
    {
      gain = 9.59363e-01;
      offset = -4.63925e+00;
    }
    {
      gain = 9.58609e-01;
      offset = -4.57551e+00;
    }
    {
      gain = 9.67937e-01;
      offset = -4.61855e+00;
    }
    {
      gain = 9.55230e-01;
      offset = -4.68744e+00;
    }
    {
      gain = 9.62634e-01;
      offset = -4.60779e+00;
    }
    {
      gain = 9.56561e-01;
      offset = -4.65532e+00;
    }
    {
      gain = 9.61604e-01;
      offset = -4.65344e+00;
    }
  ]
]

```

```
{
    gain = 9.57448e-01;
    offset = -4.58852e+00;
}
{
    gain = 9.65271e-01;
    offset = -4.67432e+00;
}
{
    gain = 9.49693e-01;
    offset = -4.49043e+00;
}
{
    gain = 9.64235e-01;
    offset = -4.60123e+00;
}
{
    gain = 9.66819e-01;
    offset = -4.76199e+00;
}
{
    gain = 9.56139e-01;
    offset = -4.69514e+00;
}
{
    gain = 9.57596e-01;
    offset = -4.66272e+00;
}
{
    gain = 9.59901e-01;
    offset = -4.49342e+00;
}
{
    gain = 9.53921e-01;
    offset = -4.70495e+00;
}
{
    gain = 9.57094e-01;
    offset = -4.56891e+00;
}
{
    gain = 9.51855e-01;
    offset = -4.55711e+00;
}
{
    gain = 9.52889e-01;
    offset = -4.52484e+00;
}
{
    gain = 9.68565e-01;
    offset = -4.73060e+00;
}
{
    gain = 9.58723e-01;
    offset = -4.69109e+00;
}
}
```

```

    gain = 9.69769e-01;
    offset = -4.83506e+00;
}
{
    gain = 9.61942e-01;
    offset = -4.64492e+00;
}
{
    gain = 9.68753e-01;
    offset = -4.84812e+00;
}
{
    gain = 9.54590e-01;
    offset = -4.59933e+00;
}
{
    gain = 9.68930e-01;
    offset = -4.80594e+00;
}
{
    gain = 9.56752e-01;
    offset = -4.68283e+00;
}
]
[
{
    gain = 9.62373e-01;
    offset = -4.68026e+00;
}
{
    gain = 9.65947e-01;
    offset = -4.60561e+00;
}
{
    gain = 9.67785e-01;
    offset = -4.68808e+00;
}
{
    gain = 9.65668e-01;
    offset = -4.59533e+00;
}
{
    gain = 9.54894e-01;
    offset = -4.50703e+00;
}
{
    gain = 9.59363e-01;
    offset = -4.63925e+00;
}
{
    gain = 9.58609e-01;
    offset = -4.57551e+00;
}
{
    gain = 9.67937e-01;
    offset = -4.61855e+00;
}
}

```

```
{
  gain = 9.55230e-01;
  offset = -4.68744e+00;
}
{
  gain = 9.62634e-01;
  offset = -4.60779e+00;
}
{
  gain = 9.56561e-01;
  offset = -4.65532e+00;
}
{
  gain = 9.61604e-01;
  offset = -4.65344e+00;
}
{
  gain = 9.57448e-01;
  offset = -4.58852e+00;
}
{
  gain = 9.65271e-01;
  offset = -4.67432e+00;
}
{
  gain = 9.49693e-01;
  offset = -4.49043e+00;
}
{
  gain = 9.64235e-01;
  offset = -4.60123e+00;
}
{
  gain = 9.66819e-01;
  offset = -4.76199e+00;
}
{
  gain = 9.56139e-01;
  offset = -4.69514e+00;
}
{
  gain = 9.57596e-01;
  offset = -4.66272e+00;
}
{
  gain = 9.59901e-01;
  offset = -4.49342e+00;
}
{
  gain = 9.53921e-01;
  offset = -4.70495e+00;
}
{
  gain = 9.57094e-01;
  offset = -4.56891e+00;
}
}
```

```

    gain = 9.51855e-01;
    offset = -4.55711e+00;
  }
  {
    gain = 9.52889e-01;
    offset = -4.52484e+00;
  }
  {
    gain = 9.68565e-01;
    offset = -4.73060e+00;
  }
  {
    gain = 9.58723e-01;
    offset = -4.69109e+00;
  }
  {
    gain = 9.69769e-01;
    offset = -4.83506e+00;
  }
  {
    gain = 9.61942e-01;
    offset = -4.64492e+00;
  }
  {
    gain = 9.68753e-01;
    offset = -4.84812e+00;
  }
  {
    gain = 9.54590e-01;
    offset = -4.59933e+00;
  }
  {
    gain = 9.68930e-01;
    offset = -4.80594e+00;
  }
  {
    gain = 9.56752e-01;
    offset = -4.68283e+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;
  }
]

```

[illegible]

[illegible]

[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;
    }
}
]
]
{
bandNumber = 9L;
gainOffsetCoefficient =
{
    gain = 3.70588e-02;
    offset = 3.20000e+00;
}
lowerReflectanceLimit = 0L;
upperReflectanceLimit = 100L;
referenceDetector = 8L;
useDefaultAbsCalibration = FALSE;
numberDetectors = 8L;
calibrationCoeffs_ =
[
    [
        {
            gain = 1.00000e+00;
            offset = 0.00000e+00;
        }
        {
            gain = 1.00000e+00;
            offset = 0.00000e+00;
        }
        {
            gain = 1.00000e+00;
            offset = 0.00000e+00;
        }
        {
            gain = 1.00000e+00;
            offset = 0.00000e+00;
        }
        {
            gain = 1.00000e+00;
            offset = 0.00000e+00;
        }
    ]
]

```

```

        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
]
[
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
]
[
    {
        gain = 9.45389e-01;
        offset = 3.44794e+00;
    }
    {
        gain = 9.59457e-01;
        offset = 1.94982e+00;
    }
    {
        gain = 9.33771e-01;
        offset = 4.63019e+00;
    }
    {
        gain = 9.34740e-01;

```

```

        offset = 4.40901e+00;
    }
    {
        gain = 9.16995e-01;
        offset = 6.19986e+00;
    }
    {
        gain = 9.65491e-01;
        offset = 1.11280e+00;
    }
    {
        gain = 9.12838e-01;
        offset = 6.59116e+00;
    }
    {
        gain = 8.95450e-01;
        offset = 8.33385e+00;
    }
    ]
    [
        {
            gain = 9.45389e-01;
            offset = 3.44794e+00;
        }
        {
            gain = 9.59457e-01;
            offset = 1.94982e+00;
        }
        {
            gain = 9.33771e-01;
            offset = 4.63019e+00;
        }
        {
            gain = 9.34740e-01;
            offset = 4.40901e+00;
        }
        {
            gain = 9.16995e-01;
            offset = 6.19986e+00;
        }
        {
            gain = 9.65491e-01;
            offset = 1.11280e+00;
        }
        {
            gain = 9.12838e-01;
            offset = 6.59116e+00;
        }
        {
            gain = 8.95450e-01;
            offset = 8.33385e+00;
        }
    ]
    ]
    }
}

```

```

    }
}
=====
RadQa.input:
=====
{
    commonChildInputParams =
    {
        productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003017500005/Product_";
        reportName = "RadQa.report";
    }
    MeasureBandSaturation = TRUE;
    ImagePathname =
"/usr1/nlaps/RT/workorders/011011003017500005/Product__OPR_MsResampler.tif";
    MeasureDetectorStriping = TRUE;
    satellite = "LS7 ";
    sensor = "ETMP";
}
=====
RadQa.report:
=====
{
    ReportHeader =
    {
        ReportName = "RadiometricQA_Report";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "011011003017500005";
        StartTime = "Mon Oct 15 11:57:06 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 11;
            minute = 57;
            sec = 6;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Mon Oct 15 11:57:07 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 11;
            minute = 57;
            sec = 7;
            usec = 0;
            time_system = 2;
        }
        CpuTime = 6.0000000000000000e-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 = 5.566148448366340e-01;
        }
        {
            Band = 2L;
            BandStriping = 6.903777523278241e-01;
        }
    ]
}

```

```

{
  Band = 3L;
  BandStriping = 8.040899286030643e-01;
}
{
  Band = 4L;
  BandStriping = 4.260931267006435e-01;
}
{
  Band = 5L;
  BandStriping = 6.128635225198898e-01;
}
{
  Band = 6L;
  BandStriping = 1.105110990167547e-01;
}
{
  Band = 7L;
  BandStriping = 3.919397841219694e-01;
}
{
  Band = 8L;
  BandStriping = 3.905962845767817e-01;
}
{
  Band = 9L;
  BandStriping = 1.815292549456508e-01;
}
]
ChipMeasurements =
[
  {
    Band = 1L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.197599975585938e+03;
    CentrePixelAttr = 1.268000000000000e+03;
    Mean = 6.547003173828125e+01;
    StandardDeviation = 5.862150528936743e+00;
    ChipStriping = 5.926866506748101e-01;
  }
  {
    Band = 1L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.394199951171875e+03;
    CentrePixelAttr = 2.535000000000000e+03;
    Mean = 5.587585449218750e+01;
    StandardDeviation = 2.647295632543395e+00;
    ChipStriping = 1.405457418209120e-01;
  }
  {
    Band = 1L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 3.590800048828125e+03;
    CentrePixelAttr = 3.802000244140625e+03;
  }

```

```

Mean = 8.632672119140625e+01;
StandardDeviation = 2.762141295802781e+01;
ChipStriping = 7.578069955869553e-01;
}
{
Band = 1L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 4.787399902343750e+03;
CentrePixelAttr = 5.069000000000000e+03;
Mean = 7.055889892578125e+01;
StandardDeviation = 9.643478090199347e+00;
ChipStriping = 7.354199912638588e-01;
}
{
Band = 2L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 1.197599975585938e+03;
CentrePixelAttr = 1.268000000000000e+03;
Mean = 4.847515869140625e+01;
StandardDeviation = 4.812453572789335e+00;
ChipStriping = 5.921651342440838e-01;
}
{
Band = 2L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 2.394199951171875e+03;
CentrePixelAttr = 2.535000000000000e+03;
Mean = 4.222558593750000e+01;
StandardDeviation = 3.152932869508398e+00;
ChipStriping = 2.814922676486211e-01;
}
{
Band = 2L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 3.590800048828125e+03;
CentrePixelAttr = 3.802000244140625e+03;
Mean = 7.825543212890625e+01;
StandardDeviation = 3.447945600317534e+01;
ChipStriping = 1.201419963347340e+00;
}
{
Band = 2L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 4.787399902343750e+03;
CentrePixelAttr = 5.069000000000000e+03;
Mean = 6.252996826171875e+01;
StandardDeviation = 9.820548372425229e+00;
ChipStriping = 6.864336440712517e-01;
}
{
Band = 3L;
Lines = 128L;

```

```

    PixelsPerLine = 128L;
    CentreLineAttr = 1.197599975585938e+03;
    CentrePixelAttr = 1.268000000000000e+03;
    Mean = 3.407940673828125e+01;
    StandardDeviation = 5.003095315071382e+00;
    ChipStriping = 5.821399026762726e-01;
}
{
    Band = 3L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.394199951171875e+03;
    CentrePixelAttr = 2.535000000000000e+03;
    Mean = 3.094061279296875e+01;
    StandardDeviation = 3.957910268274788e+00;
    ChipStriping = 3.552206836794811e-01;
}
{
    Band = 3L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 3.590800048828125e+03;
    CentrePixelAttr = 3.802000244140625e+03;
    Mean = 7.369506835937500e+01;
    StandardDeviation = 4.382351318615612e+01;
    ChipStriping = 1.627405640830191e+00;
}
{
    Band = 3L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 4.787399902343750e+03;
    CentrePixelAttr = 5.069000000000000e+03;
    Mean = 6.428247070312500e+01;
    StandardDeviation = 1.175673687092507e+01;
    ChipStriping = 6.515934872263125e-01;
}
{
    Band = 4L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.197599975585938e+03;
    CentrePixelAttr = 1.268000000000000e+03;
    Mean = 7.489123535156250e+01;
    StandardDeviation = 2.528025442339243e+00;
    ChipStriping = 3.736902222162386e-01;
}
{
    Band = 4L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.394199951171875e+03;
    CentrePixelAttr = 2.535000000000000e+03;
    Mean = 6.110467529296875e+01;
    StandardDeviation = 7.540093850217260e+00;
    ChipStriping = 3.153291609631133e-01;
}

```

```

{
  Band = 4L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 3.590800048828125e+03;
  CentrePixelAttr = 3.802000244140625e+03;
  Mean = 6.761547851562500e+01;
  StandardDeviation = 1.242848538064962e+01;
  ChipStriping = 4.973078104232749e-01;
}
{
  Band = 4L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 4.787399902343750e+03;
  CentrePixelAttr = 5.069000000000000e+03;
  Mean = 6.041613769531250e+01;
  StandardDeviation = 6.224543301507254e+00;
  ChipStriping = 5.180453131999472e-01;
}
{
  Band = 5L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 1.197599975585938e+03;
  CentrePixelAttr = 1.268000000000000e+03;
  Mean = 4.092736816406250e+01;
  StandardDeviation = 6.181054841741684e+00;
  ChipStriping = 3.239468679246564e-01;
}
{
  Band = 5L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 2.394199951171875e+03;
  CentrePixelAttr = 2.535000000000000e+03;
  Mean = 4.673791503906250e+01;
  StandardDeviation = 8.760146871242132e+00;
  ChipStriping = 4.645223481459564e-01;
}
{
  Band = 5L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 3.590800048828125e+03;
  CentrePixelAttr = 3.802000244140625e+03;
  Mean = 4.600402832031250e+01;
  StandardDeviation = 1.640928604326707e+01;
  ChipStriping = 8.723525403913477e-01;
}
{
  Band = 5L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 4.787399902343750e+03;
  CentrePixelAttr = 5.069000000000000e+03;
  Mean = 5.766815185546875e+01;

```

```

StandardDeviation = 9.544135215436743e+00;
ChipStriping = 7.906323336175989e-01;
}
{
Band = 6L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 5.992000122070312e+02;
CentrePixelAttr = 6.344000244140625e+02;
Mean = 1.219714355468750e+02;
StandardDeviation = 4.087709556830726e-01;
ChipStriping = 5.837802176622132e-02;
}
{
Band = 6L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 1.197400024414062e+03;
CentrePixelAttr = 1.267800048828125e+03;
Mean = 1.230007324218750e+02;
StandardDeviation = 1.983754804517652e+00;
ChipStriping = 6.388052754608817e-02;
}
{
Band = 6L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 1.795600097656250e+03;
CentrePixelAttr = 1.901200073242188e+03;
Mean = 1.238015747070312e+02;
StandardDeviation = 3.664454501702473e+00;
ChipStriping = 1.149454221959194e-01;
}
{
Band = 6L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 2.393800048828125e+03;
CentrePixelAttr = 2.534600097656250e+03;
Mean = 1.343214111328125e+02;
StandardDeviation = 2.033587178539513e+00;
ChipStriping = 2.048404245587897e-01;
}
{
Band = 7L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 1.197599975585938e+03;
CentrePixelAttr = 1.268000000000000e+03;
Mean = 2.121557617187500e+01;
StandardDeviation = 1.389983447099827e+00;
ChipStriping = 1.313238293419197e-01;
}
{
Band = 7L;
Lines = 128L;
PixelsPerLine = 128L;

```

```

    CentreLineAttr = 2.394199951171875e+03;
    CentrePixelAttr = 2.535000000000000e+03;
    Mean = 2.617742919921875e+01;
    StandardDeviation = 5.775149464208350e+00;
    ChipStriping = 3.616177015323911e-01;
}
{
    Band = 7L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 3.590800048828125e+03;
    CentrePixelAttr = 3.802000244140625e+03;
    Mean = 2.906561279296875e+01;
    StandardDeviation = 1.249986924445786e+01;
    ChipStriping = 7.371223876225137e-01;
}
{
    Band = 7L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 4.787399902343750e+03;
    CentrePixelAttr = 5.069000000000000e+03;
    Mean = 4.379028320312500e+01;
    StandardDeviation = 9.481389058023128e+00;
    ChipStriping = 3.376952179910532e-01;
}
{
    Band = 8L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.394400146484375e+03;
    CentrePixelAttr = 2.536800048828125e+03;
    Mean = 6.385424804687500e+01;
    StandardDeviation = 4.627766316724575e+00;
    ChipStriping = 3.566144972610774e-01;
}
{
    Band = 8L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 4.787800292968750e+03;
    CentrePixelAttr = 5.072600097656250e+03;
    Mean = 5.286889648437500e+01;
    StandardDeviation = 4.577266567065856e+00;
    ChipStriping = 1.633970179890735e-01;
}
{
    Band = 8L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 7.181200195312500e+03;
    CentrePixelAttr = 7.608400390625000e+03;
    Mean = 4.944342041015625e+01;
    StandardDeviation = 7.149064883597189e+00;
    ChipStriping = 7.285846361998534e-01;
}
{

```

```

    Band = 8L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 9.574600585937500e+03;
    CentrePixelAttr = 1.014420019531250e+04;
    Mean = 4.181872558593750e+01;
    StandardDeviation = 4.450023801008610e+00;
    ChipStriping = 3.137889868571228e-01;
}
{
    Band = 9L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 5.992000122070312e+02;
    CentrePixelAttr = 6.344000244140625e+02;
    Mean = 1.338518676757812e+02;
    StandardDeviation = 7.450137660295635e-01;
    ChipStriping = 8.642424504143686e-02;
}
{
    Band = 9L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.197400024414062e+03;
    CentrePixelAttr = 1.267800048828125e+03;
    Mean = 1.357037963867188e+02;
    StandardDeviation = 3.578358075721521e+00;
    ChipStriping = 9.637862046756109e-02;
}
{
    Band = 9L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.795600097656250e+03;
    CentrePixelAttr = 1.901200073242188e+03;
    Mean = 1.371785888671875e+02;
    StandardDeviation = 6.606368784662123e+00;
    ChipStriping = 1.829963496122403e-01;
}
{
    Band = 9L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.393800048828125e+03;
    CentrePixelAttr = 2.534600097656250e+03;
    Mean = 1.561213378906250e+02;
    StandardDeviation = 3.661571176272358e+00;
    ChipStriping = 3.603178046613648e-01;
}
]
}
Evaluation =
[
{
    Band = 1L;
    StripingTolerance = 1.000000000000000e+00;
    BandPassed = TRUE;

```

```

    }
    {
        Band = 2L;
        StripingTolerance = 1.0000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 3L;
        StripingTolerance = 1.0000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 4L;
        StripingTolerance = 1.0000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 5L;
        StripingTolerance = 1.0000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 6L;
        StripingTolerance = 1.0000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 7L;
        StripingTolerance = 1.0000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 8L;
        StripingTolerance = 1.0000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 9L;
        StripingTolerance = 1.0000000000000000e+00;
        BandPassed = TRUE;
    }
}
]
}
=====
BlacklineQa.input:
=====
{
    commonChildInputParams =
    {
        productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003017500005/Product_";
        reportName = "BlacklineQa.report";
    }
    ImagePathname =
"/usr1/nlaps/RT/workorders/011011003017500005/Product__OPR_MsResampler.tif";
}
=====

```

GeoQa.input:

```
=====
{
  commonChildInputParams =
  {
    inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500005/Input_";
    productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003017500005/Product_";
    outputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500005/Output_";
    reportName = "GeoQa.report";
  }
  MeasureBandSaturation = TRUE;
  MeasureDetectorStriping = FALSE;
  EvaluationRequired = TRUE;
  ImagePathname =
"/usr1/nlaps/RT/workorders/011011003017500005/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 = "011011003017500005";
    StartTime = "Mon Oct 15 11:57:09 2001";
    StartTimeRecord =
    {
      year = 2001;
      month = 10;
      day = 15;
      hour = 11;
      minute = 57;
      sec = 9;
      usec = 0;
      time_system = 2;
    }
    CompletionTime = "Mon Oct 15 12:22:23 2001";
    CompletionTimeRecord =
    {
      year = 2001;
      month = 10;
      day = 15;
      hour = 12;
      minute = 22;
      sec = 23;
      usec = 0;
      time_system = 2;
    }
    CpuTime = 1.0650000000000000e+01;
  }
}
```

```

NumQaControlPoints = 12L;
Mean =
{
    AlongTrack = 4.946183204650879e+00;
    AcrossTrack = -1.300367236137390e+00;
    Height = 0.000000000000000e+00;
    Combined = 5.114262580871582e+00;
}
StandardDeviation =
{
    AlongTrack = 1.191813564300537e+01;
    AcrossTrack = 1.125771808624268e+01;
    Height = 0.000000000000000e+00;
    Combined = 1.639445495605469e+01;
}
MeasuredAbsoluteError =
{
    AlongTrack = 1.290374660491943e+01;
    AcrossTrack = 1.133257102966309e+01;
    Height = 0.000000000000000e+00;
    Combined = 1.717363739013672e+01;
}
MapAndDigitizationError = 1.030270999947748e+01;
MarkingError = 7.500000000000000e+00;
AbsoluteProductAccuracy =
{
    AlongTrack = 2.027521420512362e+00;
    AcrossTrack = 0.000000000000000e+00;
    Height = 0.000000000000000e+00;
    Combined = 2.027521420512362e+00;
}
RelativeProductAccuracy =
{
    AlongTrack = 0.000000000000000e+00;
    AcrossTrack = 0.000000000000000e+00;
    Height = 0.000000000000000e+00;
    Combined = 0.000000000000000e+00;
}
Evaluation =
{
    AbsoluteTolerance = 1.500000000000000e+01;
    RelativeTolerance = 1.500000000000000e+01;
    PassedGeometricQa = TRUE;
}
ControlPointSummary =
[
    {
        CpNumber = 8381L;
        CpKind = "RCP";
        AutoMarked = TRUE;
        MarkedImageCoordLine = 1.383633300781250e+04;
        MarkedImageCoordPixel = 9.596353515625000e+03;
        GeodeticLatitude = 4.798772476255392e+01;
        GeodeticLongitude = -1.209201238376241e+02;
        Height = 1.778779999663122e+03;
        EarthModelName = "NAD83";
        AlongTrackResidual = 1.253598439016214e+00;
    }
]

```

```

    AcrossTrackResidual = 8.697076700085068e+00;
    HeightResidual = 0.000000000000000e+00;
    CombinedResidual = 8.786959210868483e+00;
}
{
    CpNumber = 8223L;
    CpKind = "RCP";
    AutoMarked = FALSE;
    MarkedImageCoordLine = 5.943676757812500e+03;
    MarkedImageCoordPixel = 5.066679199218750e+03;
    GeodeticLatitude = 4.825096636950563e+01;
    GeodeticLongitude = -1.208137749045918e+02;
    Height = 1.953767997030169e+03;
    EarthModelName = "NAD83";
    AlongTrackResidual = -4.437097437005698e-03;
    AcrossTrackResidual = 2.119262369796443e-02;
    HeightResidual = 0.000000000000000e+00;
    CombinedResidual = 2.165213922154127e-02;
}
{
    CpNumber = 8143L;
    CpKind = "RCP";
    AutoMarked = TRUE;
    MarkedImageCoordLine = 5.153065429687500e+03;
    MarkedImageCoordPixel = 1.586738037109375e+03;
    GeodeticLatitude = 4.845200766059961e+01;
    GeodeticLongitude = -1.222257412399974e+02;
    Height = 5.899999998882413e+01;
    EarthModelName = "NAD83";
    AlongTrackResidual = 2.271015352973393e+00;
    AcrossTrackResidual = -6.182722310539396e+00;
    HeightResidual = 0.000000000000000e+00;
    CombinedResidual = 6.586620218494647e+00;
}
{
    CpNumber = 8031L;
    CpKind = "RCP";
    AutoMarked = FALSE;
    MarkedImageCoordLine = 4.065506835937500e+03;
    MarkedImageCoordPixel = 4.805958984375000e+03;
    GeodeticLatitude = 4.875719230650586e+01;
    GeodeticLongitude = -1.209228888590091e+02;
    Height = 1.827575006023049e+03;
    EarthModelName = "NAD83";
    AlongTrackResidual = -1.530623973810986e+01;
    AcrossTrackResidual = -1.469267759001897e+01;
    HeightResidual = 0.000000000000000e+00;
    CombinedResidual = 2.121687417327866e+01;
}
{
    CpNumber = 8016L;
    CpKind = "RCP";
    AutoMarked = FALSE;
    MarkedImageCoordLine = 3.804532470703125e+03;
    MarkedImageCoordPixel = 1.673121215820312e+03;
    GeodeticLatitude = 4.881605900963491e+01;
    GeodeticLongitude = -1.222026061107016e+02;

```

```

Height = 9.008199998177588e+01;
EarthModelName = "NAD83";
AlongTrackResidual = -2.530776556435805e-03;
AcrossTrackResidual = 1.271402342116293e-03;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 2.832188887440926e-03;
}
{
CpNumber = 7995L;
CpKind = "RCP";
AutoMarked = FALSE;
MarkedImageCoordLine = 5.580628417968750e+03;
MarkedImageCoordPixel = 3.254526367187500e+03;
GeodeticLatitude = 4.834455608461788e+01;
GeodeticLongitude = -1.215477172369933e+02;
Height = 8.624899998120964e+01;
EarthModelName = "NAD83";
AlongTrackResidual = 1.497657642439943e+01;
AcrossTrackResidual = 1.502930926690004e+01;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 2.121739801285738e+01;
}
{
CpNumber = 7836L;
CpKind = "RCP";
AutoMarked = FALSE;
MarkedImageCoordLine = 2.182191162109375e+03;
MarkedImageCoordPixel = 2.726152343750000e+03;
GeodeticLatitude = 4.925852214548564e+01;
GeodeticLongitude = -1.217838207607035e+02;
Height = 1.99999999534339e+01;
EarthModelName = "NAD83";
AlongTrackResidual = 1.500573186575757e+01;
AcrossTrackResidual = 1.503684319630915e+01;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 2.124331994151105e+01;
}
{
CpNumber = 7823L;
CpKind = "RCP";
AutoMarked = FALSE;
MarkedImageCoordLine = 3.201473144531250e+03;
MarkedImageCoordPixel = 3.324727783203125e+03;
GeodeticLatitude = 4.898641933356132e+01;
GeodeticLongitude = -1.215314231146158e+02;
Height = 1.52645599673344e+03;
EarthModelName = "NAD83";
AlongTrackResidual = -1.500999444829260e+01;
AcrossTrackResidual = -1.501678715601952e+01;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 2.123214143290704e+01;
}
{
CpNumber = 7819L;
CpKind = "RCP";
AutoMarked = FALSE;
MarkedImageCoordLine = 3.293134033203125e+03;

```

```

        MarkedImageCoordPixel = 5.617103027343750e+03;
        GeodeticLatitude = 4.896585403772678e+01;
        GeodeticLongitude = -1.205925953395374e+02;
        Height = 1.207007997908629e+03;
        EarthModelName = "NAD83";
        AlongTrackResidual = 1.471995703440439e+01;
        AcrossTrackResidual = -1.528379059581355e+01;
        HeightResidual = 0.000000000000000e+00;
        CombinedResidual = 2.121959919676594e+01;
    }
    {
        CpNumber = 7726L;
        CpKind = "RCP";
        AutoMarked = FALSE;
        MarkedImageCoordLine = 3.011565917968750e+03;
        MarkedImageCoordPixel = 1.153187890625000e+04;
        GeodeticLatitude = 4.944746374905534e+01;
        GeodeticLongitude = -1.205321864386548e+02;
        Height = 6.525767988599837e+02;
        EarthModelName = "NAD83";
        AlongTrackResidual = 2.251748573583343e+01;
        AcrossTrackResidual = 7.530873921313662e+00;
        HeightResidual = 0.000000000000000e+00;
        CombinedResidual = 2.374344595635149e+01;
    }
    {
        CpNumber = 7721L;
        CpKind = "RCP";
        AutoMarked = TRUE;
        MarkedImageCoordLine = 5.346715087890625e+02;
        MarkedImageCoordPixel = 2.985251953125000e+03;
        GeodeticLatitude = 4.970336534778238e+01;
        GeodeticLongitude = -1.216872345171051e+02;
        Height = 1.356359997620806e+03;
        EarthModelName = "NAD83";
        AlongTrackResidual = 1.893636954478646e+01;
        AcrossTrackResidual = 4.267500304877760e+00;
        HeightResidual = 0.000000000000000e+00;
        CombinedResidual = 1.941127637196606e+01;
    }
    {
        CpNumber = 26574L;
        CpKind = "RCP";
        AutoMarked = FALSE;
        MarkedImageCoordLine = 1.403294677734375e+03;
        MarkedImageCoordPixel = 3.801796386718750e+03;
        GeodeticLatitude = 4.947235655579709e+01;
        GeodeticLongitude = -1.213439729603234e+02;
        Height = 1.218046999723651e+03;
        EarthModelName = "NAD83";
        AlongTrackResidual = -3.335512167772059e-03;
        AcrossTrackResidual = -1.501249666613656e+01;
        HeightResidual = 0.000000000000000e+00;
        CombinedResidual = 1.501249703668256e+01;
    }
}
]
}

```



```

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 = 17;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 17;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 17;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 17;
      endLine = 5984;
    }
  ]
}
}

```

```

    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 17;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 9;
        endLine = 2992;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 17;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 12672;
        startLine = 33;
        endLine = 11968;
    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 9;
        endLine = 2992;
    }
    ]
}
quadrant = 5;
path = 46;
row = 26;
sceneShift ?= 0.0000000000000000e+00F;
outputMediumData =
{
    formatOrganization = 1;
    formatAgencyType = 0;
    outputMediaType = 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 ?=
"/diskIngest1/temp/01101100301750005/L72EDC180022118020_HDF.012851709";
}
}
=====
ProductFormatting_0.output:
=====
{
    ReportHeader =
    {
        ReportName = "ProductFormattingReport";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "01101100301750005";
        StartTime = "Mon Oct 15 12:22:25 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 12;
            minute = 22;
            sec = 25;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Mon Oct 15 12:23:07 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 12;
            minute = 23;
            sec = 7;
            usec = 0;
            time_system = 2;
        }
        CpuTime = 1.5210000000000000e+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 = 8;
    day = 8;
    hour = 18;
    minute = 46;
    sec = 18;
    usec = 993167;
    time_system = 2;
}
SceneStartDateTime =
{
    year = 2000;
    month = 8;
    day = 8;
    hour = 18;
    minute = 46;
    sec = 5;
    usec = 447172;
    time_system = 2;
}
SceneEndDateTime =
{
    year = 2000;
    month = 8;
    day = 8;
    hour = 18;
    minute = 46;
    sec = 32;
    usec = 285171;
    time_system = 2;
}
SceneCentreLatLong =
{
    Latitude = 4.886304061969676e+01;
    Longitude = -1.213135697636540e+02;
}
TopLeftLatLong =
{
    Latitude = 4.982877937147703e+01;
    Longitude = -1.229327548077730e+02;
}
TopRightLatLong =
{
    Latitude = 4.985058496218274e+01;
    Longitude = -1.197251783142712e+02;
}
BottomLeftLatLong =

```

```

{
  Latitude = 4.785430738722320e+01;
  Longitude = -1.228421792702297e+02;
}
BottomRightLatLong =
{
  Latitude = 4.787533752776473e+01;
  Longitude = -1.197540417621357e+02;
}
TopLeftMap =
{
  Northing = 5.026799999987064e+05;
  Easting = 3.247199999999593e+05;
}
TopRightMap =
{
  Northing = 5.026799999987110e+05;
  Easting = 5.558100000000133e+05;
}
BottomLeftMap =
{
  Northing = 2.828399999982165e+05;
  Easting = 3.247199999999462e+05;
}
BottomRightMap =
{
  Northing = 2.828399999982212e+05;
  Easting = 5.558100000000158e+05;
}
ImageLines = 7329L;
ImagePixels = 7704L;
ImageOrientation = 0.000000000000000e+00;
OffNadirAngle = 5.684261502117772e-02;
SunElevation = 5.294339146739541e+01;
SunAzimuth = 1.448894312993055e+02;
NumberOfVolumes = 1;
MediaIdList =
[
  "";
]
OrbitNumber = 87435;
StartFileNumber = 1;
NumberOfFiles = 13;
ProductSize = 5.654023084640503e+02;
SatelliteData =
[
  {
    Time =
    {
      year = 2000L;
      month = 8L;
      day = 8L;
      hour = 18L;
      minute = 46L;
      sec = 5L;
      usec = 447172L;
      time_system = 2L;
    }
  }
]

```

```

}
OrbitState =
{
    Latitude = 4.947505093201199e+01;
    Longitude = -1.209780028621672e+02;
    Radius = 7.075456531638925e+06;
}
AttitudeState =
{
    Roll = 3.130030166008449e-05;
    Pitch = 1.909625217236122e-05;
    Yaw = 2.798324395193337e-04;
}
}
{
    Time =
    {
        year = 2000L;
        month = 8L;
        day = 8L;
        hour = 18L;
        minute = 46L;
        sec = 18L;
        usec = 993167L;
        time_system = 2L;
    }
    OrbitState =
    {
        Latitude = 4.867142304537349e+01;
        Longitude = -1.213077022610389e+02;
        Radius = 7.075575764618543e+06;
    }
    AttitudeState =
    {
        Roll = -1.095713477836617e-05;
        Pitch = 4.590779955793599e-06;
        Yaw = 3.052317803961423e-04;
    }
}
{
    Time =
    {
        year = 2000L;
        month = 8L;
        day = 8L;
        hour = 18L;
        minute = 46L;
        sec = 32L;
        usec = 285171L;
        time_system = 2L;
    }
    OrbitState =
    {
        Latitude = 4.788226689334976e+01;
        Longitude = -1.216228688437147e+02;
        Radius = 7.075694196338277e+06;
    }
}

```

```

        AttitudeState =
        {
            Roll = -1.525953879311593e-05;
            Pitch = -2.529464396593885e-05;
            Yaw = 3.065756645652865e-04;
        }
    }
]
procImageryFileInfo =
[
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500005/011011003017500005I.hdr1";
        procImageryFileSize = 1982L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500005/011011003017500005_I1.dat";
        procImageryFileSize = 225850464L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500005/011011003017500005I.hdr2";
        procImageryFileSize = 2709L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500005/011011003017500005_I2.dat";
        procImageryFileSize = 56462616L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500005/011011003017500005_I3.dat";
        procImageryFileSize = 56462616L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500005/011011003017500005_I4.dat";
        procImageryFileSize = 56462616L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500005/011011003017500005_I5.dat";
        procImageryFileSize = 56462616L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500005/011011003017500005_I6.dat";
        procImageryFileSize = 56462616L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500005/011011003017500005_I7.dat";
        procImageryFileSize = 56462616L;
    }
]

```

```

        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500005/011011003017500005I.hdr3";
        procImageryFileSize = 2127L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500005/011011003017500005_I8.dat";
        procImageryFileSize = 14113728L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500005/011011003017500005_I9.dat";
        procImageryFileSize = 14113728L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500005/L71046026_02620000808_MTL.txt";
        procImageryFileSize = 6857L;
    }
}
]
}
=====
Browse.input:
=====
{
    commonChildInputParams =
    {
        inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500005/Input_";
        reportName = "Browse.report";
    }
    inputImageFileName =
"/usr1/nlaps/RT/workorders/011011003017500005/Product__OPR_MsResampler.tif";
    metaDataFormatType = 2;
    produceBrowseImages = FALSE;
    productDropBoxDirectory = "/usr1/nlaps/RT/workorders/011011003017500005";
    productRelativeImageLocation = "./011011003017500005_";
    productRelativeMetaDataLocation = "./011011003017500005_";
    archiveFiles = FALSE;
    destinationLocation =
    {
        dropBoxDirectory = "/usr1/nlaps/RT/workorders/011011003017500005";
        relativeBrowseImageLocation = "011011003017500005_Browse.35198512.tif";
        relativeBrowseMetaDataLocation = "PGS__011011003017500005.35198512__";
    }
    decimationRecord =
    {
        decimationType = 4;
        maxWidth = 512;
        maxHeight = 512;
        decimation = 2.5000000000000000e-01;
    }
    workOrderPriority = 7.0000000000000000e+00F;
    correctionLevel = "Precision Geocorrection";
    productOrientation = 1;
    path = 46;
    row = 26;
    productSceneShift ?= 0.0000000000000000e+00F;

```

```

productInfo =
{
    productInputDataSet =
"/diskIngest1/temp/01101100301750005/L72EDC180022118020_HDF.012851709";
    productOutputDataSet = "";
    productGenerationTime = "Mon Oct 15 12:23:07 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 = "01101100301750005";
        StartTime = "Mon Oct 15 12:23:09 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 12;
            minute = 23;
            sec = 9;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Mon Oct 15 12:23:09 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 12;
            minute = 23;
            sec = 9;
            usec = 0;
        }
    }
}

```

```

        time_system = 2;
    }
    CpuTime = 4.700000000000000e-01;
}
=====
Browse.output:
=====
{
    browseImageFileName = "011011003017500005_BrowseImage.tif";
    browseMetadataFileName = "011011003017500005_BrowseMeta.data";
    allocationId = 0L;
}
=====
ArchiveRadCorr.input:
=====
{
    sceneHandle = "/usr1/nlaps/RT/workorders/011011003017500005/Product_";
    inputFormat = 26;
}
=====
GetProcHistResource.input:
=====
{
    files =
    [
        {
            fileName =
"/usr1/nlaps/RT/workorders/011011003017500005/011011003017500005.his";
            fileSize = 100000L;
        }
        {
            fileName =
"/usr1/nlaps/RT/workorders/011011003017500005/011011003017500005.rpt";
            fileSize = 100000L;
        }
    ]
}
=====
/usr1/nlaps/RT/log/011011003017500005.log:
=====
<created: 15-10-2001 07:54:06>
15-10-2001 07:54:06 Info DDWOE_WoEditor MAIN:0009
MAIN_MainCommon.cc:00484
    Process DDWOE_WoEditor, PID 35532707@edcsgs22, started at 15-10-2001
07:54:06

15-10-2001 07:54:13 Info DDWOE_WoEditor MAIN:0010
MAIN_MainCommon.cc:00528
    Process DDWOE_WoEditor, PID 35532707@edcsgs22, stopped at 15-10-2001
07:54:13

15-10-2001 07:54:58 Info DDWOE_WoEditor MAIN:0009
MAIN_MainCommon.cc:00484

```

Process DDW0E_WoEditor, PID 36275450@edcs22, started at 15-10-2001 07:54:58

15-10-2001 07:59:24 Info DDW0E_WoEditor MAIN:0010
MAIN_MainCommon.cc:00528

Process DDW0E_WoEditor, PID 36275450@edcs22, stopped at 15-10-2001 07:59:24

15-10-2001 08:04:45 Info PPGSOCP_Application WCU:0000
WCU_WriteMessageToWo:00073

Work order was edited by operator hansen.

15-10-2001 08:04:45 Info DDW0E_WoEditor MAIN:0009
MAIN_MainCommon.cc:00484

Process DDW0E_WoEditor, PID 36514219@edcs22, started at 15-10-2001 08:04:45

15-10-2001 08:27:51 Info DDW0E_WoEditor MAIN:0010
MAIN_MainCommon.cc:00528

Process DDW0E_WoEditor, PID 36514219@edcs22, stopped at 15-10-2001 08:27:51

15-10-2001 08:28:20 Info PPGSOCP_Application WCU:0000
WCU_WriteMessageToWo:00073

Work order was started by operator hansen.

15-10-2001 08:28:22 Info SCON_EvmController MAIN:0009
MAIN_MainCommon.cc:00484

Process SCON_EvmController, PID 35198512@edcs22, started at 15-10-2001 08:28:22

15-10-2001 08:28:23 Info WOSV_WoManagerServer WOSV:0103
WCU_WriteMessageToWo:00106

Workorder started.

15-10-2001 08:28:23 Info WOSV_WoManagerServer WCU:0000
WCU_WriteMessageToWo:00073

Workorder is executing on host localhost.

15-10-2001 08:28:25 Info ACQ_InitializeAcqModel MAIN:0009
MAIN_MainCommon.cc:00484

Process ACQ_InitializeAcqModel, PID 36290371@edcs22, started at 15-10-2001 08:28:25

15-10-2001 08:28:25 Warning ACQ_InitializeAcqModel TIM:0011
TIM_TimeModel.cc:00462

Using Predicted value of UT1 for 2000 8 8

15-10-2001 08:28:25 Warning ACQ_InitializeAcqModel TIM:0011
TIM_TimeModel.cc:00563

Using Predicted value of UT1 for 2000 8 9

15-10-2001 08:28:26 Warning ACQ_InitializeAcqModel EAR:0031
EAR_PoleWander.cc:00417

Using predicted, not measured pole wander data for 08-AUG-00.

15-10-2001 08:28:26 Warning ACQ_InitializeAcqModel EAR:0031
EAR_PoleWander.cc:00417

Using predicted, not measured pole wander data for 09-AUG-00.

15-10-2001 08:28:27 Info ACQ_InitializeAcqModel MAIN:0010
MAIN_MainCommon.cc:00528

Process ACQ_InitializeAcqModel, PID 36290371@edcs22, stopped at 15-10-2001 08:28:27

15-10-2001 08:28:28 Info LZR_Main MAIN:0009
MAIN_MainCommon.cc:00484

Process LZR_Main, PID 35846331@edcs22, started at 15-10-2001 08:28:28

15-10-2001 08:29:54 Info LZR_Main EPHI:0029
EPHI_EtmpEphemeris.c:00393

The ephemeris file /usr1/nlaps/RT/ephemeris/etmp/L72000222DEFEPH.S00 was used for processing.

15-10-2001 08:30:20 Info LZR_Main MAIN:0010
MAIN_MainCommon.cc:00528

Process LZR_Main, PID 35846331@edcs22, stopped at 15-10-2001 08:30:20

15-10-2001 08:30:22 Info DEM_Init MAIN:0009
MAIN_MainCommon.cc:00484

Process DEM_Init, PID 36439632@edcs22, started at 15-10-2001 08:30:22

15-10-2001 08:30:23 Info DEM_Init MAIN:0010
MAIN_MainCommon.cc:00528

Process DEM_Init, PID 36439632@edcs22, stopped at 15-10-2001 08:30:23

15-10-2001 08:30:24 Info PSM_ModelRefinement MAIN:0009
MAIN_MainCommon.cc:00484

Process PSM_ModelRefinement, PID 36181185@edcs22, started at 15-10-2001 08:30:24

15-10-2001 09:03:41 Info MDR_Application MAIN:0009
MAIN_MainCommon.cc:00484

Process MDR_Application, PID 30932831@edcs22, started at 15-10-2001 09:03:41

15-10-2001 09:03:41 Info MDR_Application MAIN:0015
MAIN_MainCommon.cc:00496
Process MDR_Application, Started by hansen

15-10-2001 09:11:21 Info DDWOE_WoEditor MAIN:0009
MAIN_MainCommon.cc:00484
Process DDWOE_WoEditor, PID 35886159@edcs22, started at 15-10-2001
09:11:21

15-10-2001 09:16:17 Info DDWOE_WoEditor MAIN:0010
MAIN_MainCommon.cc:00528
Process DDWOE_WoEditor, PID 35886159@edcs22, stopped at 15-10-2001
09:16:17

15-10-2001 09:24:09 Info MDR_Application MAIN:0010
MAIN_MainCommon.cc:00528
Process MDR_Application, PID 30932831@edcs22, stopped at 15-10-2001
09:24:09

15-10-2001 09:24:09 Info MDR_Application MAIN:0016
MAIN_MainCommon.cc:00540
Process MDR_Application, Stopped by hansen

15-10-2001 10:16:54 Info MDR_Application MAIN:0009
MAIN_MainCommon.cc:00484
Process MDR_Application, PID 36268291@edcs22, started at 15-10-2001
10:16:54

15-10-2001 10:16:54 Info MDR_Application MAIN:0015
MAIN_MainCommon.cc:00496
Process MDR_Application, Started by hansen

15-10-2001 10:47:11 Info DDWOE_WoEditor MAIN:0009
MAIN_MainCommon.cc:00484
Process DDWOE_WoEditor, PID 35350461@edcs22, started at 15-10-2001
10:47:11

15-10-2001 11:35:41 Info DDWOE_WoEditor MAIN:0010
MAIN_MainCommon.cc:00528
Process DDWOE_WoEditor, PID 35350461@edcs22, stopped at 15-10-2001
11:35:41

15-10-2001 11:39:28 Info MDR_Application WCU:0000
WCU_WriteMessageToWo:00073
Work Order 011011003017500005 - manual marking was accepted by Operator
hansen

15-10-2001 11:39:32 Info PSM_ModelRefinement MAIN:0010
MAIN_MainCommon.cc:00528
Process PSM_ModelRefinement, PID 36181185@edcsgs22, stopped at 15-10-2001
11:39:32

15-10-2001 11:39:32 Info MDR_Application MAIN:0010
MAIN_MainCommon.cc:00528
Process MDR_Application, PID 36268291@edcsgs22, stopped at 15-10-2001
11:39:32

15-10-2001 11:39:32 Info MDR_Application MAIN:0016
MAIN_MainCommon.cc:00540
Process MDR_Application, Stopped by hansen

15-10-2001 11:39:33 Info PDD_DefineGenericProduct MAIN:0009
MAIN_MainCommon.cc:00484
Process PDD_DefineGenericProduct, PID 36286725@edcsgs22, started at 15-10-
2001 11:39:33

15-10-2001 11:39:34 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

15-10-2001 11:39:35 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

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ACQ_AcquisitionModel:01074

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15-10-2001 11:39:36 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

15-10-2001 11:39:37 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

15-10-2001 11:39:37 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

15-10-2001 11:39:37 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

15-10-2001 11:39:38 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

15-10-2001 11:39:38 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

15-10-2001 11:39:39 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

15-10-2001 11:39:39 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

15-10-2001 11:39:39 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

15-10-2001 11:39:39 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

15-10-2001 11:39:40 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

15-10-2001 11:39:41 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

15-10-2001 11:39:41 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

15-10-2001 11:39:42 Info PDD_DefineGenericProduct MAIN:0010
MAIN_MainCommon.cc:00528
Process PDD_DefineGenericProduct, PID 36286725@edcsgs22, stopped at 15-10-2001 11:39:42

15-10-2001 11:39:43 Info DEMI_IngestControl MAIN:0009
MAIN_MainCommon.cc:00484
Process DEMI_IngestControl, PID 36494433@edcsgs22, started at 15-10-2001 11:39:43

15-10-2001 11:40:29 Info DEMI_IngestControl MAIN:0010
MAIN_MainCommon.cc:00528
Process DEMI_IngestControl, PID 36494433@edcsgs22, stopped at 15-10-2001 11:40:29

15-10-2001 11:40:31 Info OPR_WarpResampler MAIN:0009
MAIN_MainCommon.cc:00484
Process OPR_WarpResampler, PID 36341076@edcsgs22, started at 15-10-2001 11:40:31

15-10-2001 11:43:48 Info OPR_WarpResampler MAIN:0010
MAIN_MainCommon.cc:00528
Process OPR_WarpResampler, PID 36341076@edcsgs22, stopped at 15-10-2001 11:43:48

15-10-2001 11:43:51 Info OPR_MsResampler MAIN:0009
MAIN_MainCommon.cc:00484
Process OPR_MsResampler, PID 36378750@edcsgs22, started at 15-10-2001 11:43:51

15-10-2001 11:57:05 Info OPR_MsResampler MAIN:0010
MAIN_MainCommon.cc:00528
Process OPR_MsResampler, PID 36378750@edcsgs22, stopped at 15-10-2001 11:57:05

15-10-2001 11:57:06 Info RQA_PerformRadiometricQA MAIN:0009
MAIN_MainCommon.cc:00484
Process RQA_PerformRadiometricQA, PID 35822816@edcsgs22, started at 15-10-2001 11:57:06

15-10-2001 11:57:07 Info RQA_PerformRadiometricQA MAIN:0010
MAIN_MainCommon.cc:00528
Process RQA_PerformRadiometricQA, PID 35822816@edcs22, stopped at 15-10-2001 11:57:07

15-10-2001 11:57:08 Info BQA_BlackfillQa MAIN:0009
MAIN_MainCommon.cc:00484
Process BQA_BlackfillQa, PID 36397323@edcs22, started at 15-10-2001 11:57:08

15-10-2001 11:57:08 Info BQA_BlackfillQa MAIN:0010
MAIN_MainCommon.cc:00528
Process BQA_BlackfillQa, PID 36397323@edcs22, stopped at 15-10-2001 11:57:08

15-10-2001 11:57:09 Info GQA_PerformGeometricQA MAIN:0009
MAIN_MainCommon.cc:00484
Process GQA_PerformGeometricQA, PID 35709742@edcs22, started at 15-10-2001 11:57:09

15-10-2001 12:01:11 Info VAL_Application MAIN:0009
MAIN_MainCommon.cc:00484
Process VAL_Application, PID 36487250@edcs22, started at 15-10-2001 12:01:11

15-10-2001 12:01:11 Info VAL_Application MAIN:0015
MAIN_MainCommon.cc:00496
Process VAL_Application, Started by hansen

15-10-2001 12:22:23 Info VAL_Application WCU:0000
WCU_WriteMessageToWo:00073
Work Order 011011003017500005 - manual marking was accepted by Operator hansen

15-10-2001 12:22:24 Info GQA_PerformGeometricQA MAIN:0010
MAIN_MainCommon.cc:00528
Process GQA_PerformGeometricQA, PID 35709742@edcs22, stopped at 15-10-2001 12:22:24

15-10-2001 12:22:26 Info TOXNF_MakeProduct MAIN:0009
MAIN_MainCommon.cc:00484
Process TOXNF_MakeProduct, PID 36272876@edcs22, started at 15-10-2001 12:22:26

15-10-2001 12:22:28 Info VAL_Application MAIN:0010
MAIN_MainCommon.cc:00528

Process VAL_Application, PID 36487250@edcsgs22, stopped at 15-10-2001
12:22:28

15-10-2001 12:22:28 Info VAL_Application MAIN:0016
MAIN_MainCommon.cc:00540
Process VAL_Application, Stopped by hansen

15-10-2001 12:23:07 Info TOXNF_MakeProduct MAIN:0010
MAIN_MainCommon.cc:00528
Process TOXNF_MakeProduct, PID 36272876@edcsgs22, stopped at 15-10-2001
12:23:07

15-10-2001 12:23:09 Info BIM_OpticalBrowse MAIN:0009
MAIN_MainCommon.cc:00484
Process BIM_OpticalBrowse, PID 36248467@edcsgs22, started at 15-10-2001
12:23:09

15-10-2001 12:23:09 Info BIM_OpticalBrowse MAIN:0010
MAIN_MainCommon.cc:00528
Process BIM_OpticalBrowse, PID 36248467@edcsgs22, stopped at 15-10-2001
12:23:09

15-10-2001 12:23:12 Info RDC_ArchiveReport MAIN:0009
MAIN_MainCommon.cc:00484
Process RDC_ArchiveReport, PID 35359600@edcsgs22, started at 15-10-2001
12:23:12

15-10-2001 12:23:12 Info RDC_ArchiveReport MAIN:0010
MAIN_MainCommon.cc:00528
Process RDC_ArchiveReport, PID 35359600@edcsgs22, stopped at 15-10-2001
12:23:12

15-10-2001 12:23:14 Info RMAN_GetDiskResource MAIN:0009
MAIN_MainCommon.cc:00484
Process RMAN_GetDiskResource, PID 36455934@edcsgs22, started at 15-10-2001
12:23:14

15-10-2001 12:23:14 Info RMAN_GetDiskResource MAIN:0010
MAIN_MainCommon.cc:00528
Process RMAN_GetDiskResource, PID 36455934@edcsgs22, stopped at 15-10-2001
12:23:14