

```
=====
011011003017500003  PROCESSING HISTORY
=====
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=====
/usr1/nlaps/RT/productorders/011011003017500003.po:
=====
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```
{
  InputParams =
  {
    satellite = "Landsat-7";
    sensor = "ETM+";
    AOS_time = "2000 08 17 18:40:32";
    inputDatasetId =
"/diskIngest2/temp/011011003017500003/L72EDC190023018010_HDF.012851656";
    inputMediaType = "Disk";
    inputDataFormat = "L0Rp";
  }
  ControlParams =
  {
    type = "Correction";
    orderId = "011011003017500003";
    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 = 1002889328L;
    messageId =
"/usr1/nlaps/RT/icc/incoming/target/DORRAN_PGS_01101100301753.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 = 45L;
row = 2.7000000000000000e+01;
lineSpacing = 3.0000000000000000e+01;
pixelSpacing = 3.0000000000000000e+01;
scanGapCorrection = TRUE;
etm+PanAtDoubleResolution = TRUE;
etm+ThermalAtHalfResolution = TRUE;
radiometricCorrection =
{
  method = "NASA";
  despoke = FALSE;
}
elevationCorrection = "Fine DEM";
demInfo =
[
  {
    format = "LAS";
    mediaType = "Disk";
    mediaId = "/dem_data/DEM/washingtonDem";
    fileName = "washcanus_elev2";
  }
]
mapInfo =
[
  {
    name = "AGNES MOUNTAIN";
    state = "WA";
    centerLatitude = 4.8312500000000000e+01;
    centerLongitude = -1.2093750000000000e+02;
    scale = "24000";
  }
]

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{
  name = "AZWELL";
  state = "WA";
  centerLatitude = 4.793750000000000e+01;
  centerLongitude = -1.199375000000000e+02;
  scale = "24000";
}
{
  name = "BARING";
  state = "WA";
  centerLatitude = 4.781250000000000e+01;
  centerLongitude = -1.214375000000000e+02;
  scale = "24000";
}
{
  name = "BENCHMARK MOUNTAIN";
  state = "WA";
  centerLatitude = 4.793750000000000e+01;
  centerLongitude = -1.211875000000000e+02;
  scale = "24000";
}
{
  name = "BIG JIM MOUNTAIN";
  state = "WA";
  centerLatitude = 4.768750000000000e+01;
  centerLongitude = -1.208125000000000e+02;
  scale = "24000";
}
{
  name = "BLANCA LAKE";
  state = "WA";
  centerLatitude = 4.793750000000000e+01;
  centerLongitude = -1.213125000000000e+02;
  scale = "24000";
}
{
  name = "BRIDGEPORT";
  state = "WA";
  centerLatitude = 4.806250000000000e+01;
  centerLongitude = -1.196875000000000e+02;
  scale = "24000";
}
{
  name = "CAPE HORN SE";
  state = "WA";
  centerLatitude = 4.706250000000000e+01;
  centerLongitude = -1.200625000000000e+02;
  scale = "24000";
}
{
  name = "CHELAN FALLS";
  state = "WA";
  centerLatitude = 4.781250000000000e+01;
  centerLongitude = -1.199375000000000e+02;
  scale = "24000";
}
{

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    name = "CHIWAUKUM MOUNTAINS";
    state = "WA";
    centerLatitude = 4.768750000000000e+01;
    centerLongitude = -1.209375000000000e+02;
    scale = "24000";
}
{
    name = "CLEAR WEST PEAK";
    state = "WA";
    centerLatitude = 4.706250000000000e+01;
    centerLongitude = -1.216875000000000e+02;
    scale = "24000";
}
{
    name = "COLOCKUM PASS SW";
    state = "WA";
    centerLatitude = 4.706250000000000e+01;
    centerLongitude = -1.204375000000000e+02;
    scale = "24000";
}
{
    name = "COUGAR MOUNTAIN";
    state = "WA";
    centerLatitude = 4.731250000000000e+01;
    centerLongitude = -1.216875000000000e+02;
    scale = "24000";
}
{
    name = "DORIS";
    state = "WA";
    centerLatitude = 4.681250000000000e+01;
    centerLongitude = -1.200625000000000e+02;
    scale = "24000";
}
{
    name = "ELECTRIC CITY";
    state = "WA";
    centerLatitude = 4.793750000000000e+01;
    centerLongitude = -1.190625000000000e+02;
    scale = "24000";
}
{
    name = "ENTIAT";
    state = "WA";
    centerLatitude = 4.768750000000000e+01;
    centerLongitude = -1.201875000000000e+02;
    scale = "24000";
}
{
    name = "FARMER";
    state = "WA";
    centerLatitude = 4.756250000000000e+01;
    centerLongitude = -1.198125000000000e+02;
    scale = "24000";
}
{
    name = "GABLE BUTTE";

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state = "WA";
centerLatitude = 4.656250000000000e+01;
centerLongitude = -1.195625000000000e+02;
scale = "24000";
}
{
name = "GLACIER PEAK WEST";
state = "WA";
centerLatitude = 4.806250000000000e+01;
centerLongitude = -1.211875000000000e+02;
scale = "24000";
}
{
name = "GREENWATER";
state = "WA";
centerLatitude = 4.718750000000000e+01;
centerLongitude = -1.216875000000000e+02;
scale = "24000";
}
{
name = "HARTLINE SE";
state = "WA";
centerLatitude = 4.756250000000000e+01;
centerLongitude = -1.190625000000000e+02;
scale = "24000";
}
{
name = "HUNGRY MOUNTAIN";
state = "WA";
centerLatitude = 4.818750000000000e+01;
centerLongitude = -1.201875000000000e+02;
scale = "24000";
}
{
name = "JAMESON LAKE SW";
state = "WA";
centerLatitude = 4.756250000000000e+01;
centerLongitude = -1.196875000000000e+02;
scale = "24000";
}
{
name = "KNOWTON KNOB";
state = "WA";
centerLatitude = 4.818750000000000e+01;
centerLongitude = -1.199375000000000e+02;
scale = "24000";
}
{
name = "LEAHY";
state = "WA";
centerLatitude = 4.793750000000000e+01;
centerLongitude = -1.194375000000000e+02;
scale = "24000";
}
{
name = "LITTLE SOAP LAKE";
state = "WA";

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    centerLatitude = 4.743750000000000e+01;
    centerLongitude = -1.195625000000000e+02;
    scale = "24000";
}
{
    name = "MALAGA";
    state = "WA";
    centerLatitude = 4.731250000000000e+01;
    centerLongitude = -1.201875000000000e+02;
    scale = "24000";
}
{
    name = "MANSON";
    state = "WA";
    centerLatitude = 4.793750000000000e+01;
    centerLongitude = -1.201875000000000e+02;
    scale = "24000";
}
{
    name = "MILK CANYON";
    state = "WA";
    centerLatitude = 4.681250000000000e+01;
    centerLongitude = -1.208125000000000e+02;
    scale = "24000";
}
{
    name = "MONTE CRISTO";
    state = "WA";
    centerLatitude = 4.793750000000000e+01;
    centerLongitude = -1.214375000000000e+02;
    scale = "24000";
}
{
    name = "MOUNT CLIFTY";
    state = "WA";
    centerLatitude = 4.706250000000000e+01;
    centerLongitude = -1.211875000000000e+02;
    scale = "24000";
}
{
    name = "MOUNT PHELPS";
    state = "WA";
    centerLatitude = 4.768750000000000e+01;
    centerLongitude = -1.215625000000000e+02;
    scale = "24000";
}
{
    name = "MUD SPRING";
    state = "WA";
    centerLatitude = 4.781250000000000e+01;
    centerLongitude = -1.198125000000000e+02;
    scale = "24000";
}
{
    name = "NOBLE KNOB";
    state = "WA";
    centerLatitude = 4.706250000000000e+01;

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        centerLongitude = -1.2143750000000000e+02;
        scale = "24000";
    }
    {
        name = "OSS PEAK";
        state = "WA";
        centerLatitude = 4.8062500000000000e+01;
        centerLongitude = -1.2018750000000000e+02;
        scale = "24000";
    }
    {
        name = "PIERSOL HILLS";
        state = "WA";
        centerLatitude = 4.7812500000000000e+01;
        centerLongitude = -1.1956250000000000e+02;
        scale = "24000";
    }
    {
        name = "POMONA";
        state = "WA";
        centerLatitude = 4.6687500000000000e+01;
        centerLongitude = -1.2043750000000000e+02;
        scale = "24000";
    }
    {
        name = "PYRAMID MOUNTAIN";
        state = "WA";
        centerLatitude = 4.8062500000000000e+01;
        centerLongitude = -1.2056250000000000e+02;
        scale = "24000";
    }
    {
        name = "RAVEN ROOST";
        state = "WA";
        centerLatitude = 4.7062500000000000e+01;
        centerLongitude = -1.2131250000000000e+02;
        scale = "24000";
    }
    {
        name = "ROCK ISLAND DAM";
        state = "WA";
        centerLatitude = 4.7312500000000000e+01;
        centerLongitude = -1.2006250000000000e+02;
        scale = "24000";
    }
    {
        name = "SAGEBRUSH FLAT";
        state = "WA";
        centerLatitude = 4.7437500000000000e+01;
        centerLongitude = -1.1968750000000000e+02;
        scale = "24000";
    }
    {
        name = "SCHAEFER LAKE";
        state = "WA";
        centerLatitude = 4.7937500000000000e+01;
        centerLongitude = -1.2081250000000000e+02;
    }

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    scale = "24000";
}
{
    name = "SKYKOMISH";
    state = "WA";
    centerLatitude = 4.768750000000000e+01;
    centerLongitude = -1.213125000000000e+02;
    scale = "24000";
}
{
    name = "SOAP LAKE";
    state = "WA";
    centerLatitude = 4.743750000000000e+01;
    centerLongitude = -1.194375000000000e+02;
    scale = "24000";
}
{
    name = "STEHEKIN";
    state = "WA";
    centerLatitude = 4.831250000000000e+01;
    centerLongitude = -1.206875000000000e+02;
    scale = "24000";
}
{
    name = "STUBBLEFIELD POINT";
    state = "WA";
    centerLatitude = 4.806250000000000e+01;
    centerLongitude = -1.194375000000000e+02;
    scale = "24000";
}
{
    name = "SUNRISE";
    state = "WA";
    centerLatitude = 4.693750000000000e+01;
    centerLongitude = -1.216875000000000e+02;
    scale = "24000";
}
{
    name = "TEANAWAY";
    state = "WA";
    centerLatitude = 4.718750000000000e+01;
    centerLongitude = -1.208125000000000e+02;
    scale = "24000";
}
{
    name = "TIETON";
    state = "WA";
    centerLatitude = 4.668750000000000e+01;
    centerLongitude = -1.208125000000000e+02;
    scale = "24000";
}
{
    name = "TYEE MOUNTAIN";
    state = "WA";
    centerLatitude = 4.781250000000000e+01;
    centerLongitude = -1.204375000000000e+02;
    scale = "24000";
}

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    }
    {
        name = "WATERVILLE";
        state = "WA";
        centerLatitude = 4.768750000000000e+01;
        centerLongitude = -1.200625000000000e+02;
        scale = "24000";
    }
    {
        name = "WENATCHEE HEIGHTS";
        state = "WA";
        centerLatitude = 4.731250000000000e+01;
        centerLongitude = -1.203125000000000e+02;
        scale = "24000";
    }
    {
        name = "WILSON CREEK";
        state = "WA";
        centerLatitude = 4.743750000000000e+01;
        centerLongitude = -1.190625000000000e+02;
        scale = "24000";
    }
    {
        name = "WINCHESTER SE";
        state = "WA";
        centerLatitude = 4.706250000000000e+01;
        centerLongitude = -1.195625000000000e+02;
        scale = "24000";
    }
    {
        name = "WYMER";
        state = "WA";
        centerLatitude = 4.681250000000000e+01;
        centerLongitude = -1.204375000000000e+02;
        scale = "24000";
    }
}
]
}
header =
{
    name = "internal-formatted PO";
    version = 0L;
    productOrderType = "Correction";
    origin = "External";
    creationTime = 1003155259L;
}
}

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=====
PreIngest.input:
=====
{
    commonChildInputParams =
    {
        reportName = "PreIngest.report";
        inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500003/Input_";
    }
}

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satelliteName = "LS7 ";
sensorName = "ETMP";
referenceTime =
{
    year = 2000;
    month = 8;
    day = 17;
    hour = 18;
    minute = 40;
    sec = 32;
    usec = 0;
    time_system = 2;
}
}
=====
Ingest.input:
=====
{
    commonChildInputParams =
    {
        inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500003/Input_";
        reportName = "Ingest.report";
    }
    priority = 7.000000000000000e+00F;
    manualPositioningRequired ?= FALSE;
    AOSTime =
    {
        year = 2000;
        month = 8;
        day = 17;
        hour = 18;
        minute = 40;
        sec = 32;
        usec = 0;
        time_system = 2;
    }
    satellite = "LS7 ";
    sensor = "ETMP";
    numberOfScenes = 1.500000000000000e+00F;
    ingestBoundaryType ?= 0;
    pathRowCentre ?=
    {
        path = 45;
        row = 27;
        sceneCentreOffset ?= 0.000000000000000e+00F;
    }
    bandList =
    {
        numBands = 9;
        bandsUsed =
        [
            1;
            2;
            3;
            4;
            5;
            6;

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        7;
        8;
        9;
    ]
}
inputIsTarred ?= FALSE;
memoryEffectCorrectionRequired ?= FALSE;
mediumData =
{
    mediumType = 4;
    format = 26;
    volumeInfo =
    [
        {
            filenames =
            [
"/diskIngest2/temp/01101100301750003/L72EDC190023018010_HDF.012851656";
            ]
            mediumId =
"/diskIngest2/temp/01101100301750003/L72EDC190023018010_HDF.012851656";
        }
    ]
}
sampleSceneStats = FALSE;
performRadiometricCorrection ?= TRUE;
}
=====
Ingest.output:
=====
{
    InputImage =
    {
        InputImageHandle =
"/usr1/nlaps/RT/workorders/011011003017500003/Input_LZR_Main.tif";
        InputImageResourceId = "/image1";
        InputImageAllocationId = 229044L;
    }
    IngestQualityFlag = TRUE;
    IngestPredictedOrbitFlag = TRUE;
    orbitNumber = 87566;
    ReportHeader =
    {
        ReportName = "Ingest";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "011011003017500003";
        StartTime = "Mon Oct 15 09:14:43 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 9;
            minute = 14;
            sec = 43;
            usec = 0;
            time_system = 2;

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}
CompletionTime = "Mon Oct 15 09:17:06 2001";
CompletionTimeRecord =
{
    year = 2001;
    month = 10;
    day = 15;
    hour = 9;
    minute = 17;
    sec = 6;
    usec = 0;
    time_system = 2;
}
CpuTime = 1.3342000000000000e+02;
}
ingestStartTime =
{
    year = 2000;
    month = 8;
    day = 17;
    hour = 18;
    minute = 40;
    sec = 18;
    usec = 828750;
    time_system = 2;
}
ingestEndTime =
{
    year = 2000;
    month = 8;
    day = 17;
    hour = 18;
    minute = 40;
    sec = 45;
    usec = 668250;
    time_system = 2;
}
ingestStartTimeString = "2000 08 17 18:40:18.828";
ingestEndTimeString = "2000 08 17 18:40:45.668";
segmentStartTime =
{
    year = 2000;
    month = 8;
    day = 17;
    hour = 18;
    minute = 40;
    sec = 18;
    usec = 828750;
    time_system = 2;
}
segmentEndTime =
{
    year = 2000;
    month = 8;
    day = 17;
    hour = 18;
    minute = 40;

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    sec = 45;
    usec = 668250;
    time_system = 2;
}
ProcessingInformation =
{
    TotalNumberOfSwaths = 374;
    TotalNumberSwathsWithSyncLosses = 0;
    TotalNumberOfSyncLosses = 0;
    MinimumLineLength = 6319;
    MaximumLineLength = 6322;
    InputCentreDateAndTimeAtStation =
    {
        year = 2000;
        month = 8;
        day = 17;
        hour = 18;
        minute = 40;
        sec = 32;
        usec = 248500;
        time_system = 2;
    }
    NumberOfBandsIngested = 9;
    BandNumbersIngested =
    [
        1L;
        2L;
        3L;
        4L;
        5L;
        6L;
        7L;
        8L;
        9L;
    ]
}
}=====
DemInit.input:
=====
{
    inputImageFileName =
"/usr1/nlaps/RT/workorders/011011003017500003/Input_LZR_Main.tif";
    acqModelIdentifier = "/usr1/nlaps/RT/workorders/011011003017500003/Input_";
    spheroidParams =
    {
        earth_spheroid_name = "NAD83";
        semimajor_axis = 6.3781370000000000e+06;
        eccentricity_squared = 6.694380022900790e-03;
        earth_centre_offset =
        {
            lowerB = 1;
            upperB = 3;
            Bstore =
            [
                0.0000000000000000e+00;
                0.0000000000000000e+00;
                0.0000000000000000e+00;
            ]
        }
    }
}

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    ]
  }
  ellipsoidCode = 7019;
}
sceneHandle = "/usr1/nlaps/RT/workorders/011011003017500003/Input_";
demType = 0;
baseElevation ?= 0.0000000000000000e+00F;
demPath ?= "";
}
=====
ModelRefinement.input:
=====
{
  commonChildInputParams =
  {
    inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500003/Input_";
    productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003017500003/Product_";
    outputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500003/Output_";
    reportName = "ModelRefinement.report";
  }
  imageHandle =
"/usr1/nlaps/RT/workorders/011011003017500003/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";
    VersionNumber = 1.0000000000000000e+00;
    WorkOrderId = "011011003017500003";
    StartTime = "Mon Oct 15 09:17:10 2001";
    StartTimeRecord =
    {
      year = 2001;
      month = 10;
    }
  }
}

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    day = 15;
    hour = 9;
    minute = 17;
    sec = 10;
    usec = 0;
    time_system = 2;
}
CompletionTime = "Mon Oct 15 11:52:52 2001";
CompletionTimeRecord =
{
    year = 2001;
    month = 10;
    day = 15;
    hour = 11;
    minute = 52;
    sec = 52;
    usec = 0;
    time_system = 2;
}
CpuTime = 3.865000000000000e+01;
}
Satellite = "LS7 ";
Sensor = "ETMP";
AcquisitionTime =
{
    year = 2000L;
    month = 8L;
    day = 17L;
    hour = 18L;
    minute = 40L;
    sec = 32L;
    usec = 305047L;
    time_system = 2L;
}
PrecisionModelSummary =
{
    NumberOfCPsInModel = 11L;
    ModelErrors =
    {
        along_track =
        {
            mean_error = 3.734602630138397e-01;
            rms_error = 4.029033660888672e+00;
            std_dev_error = 4.011687755584717e+00;
        }
        across_track =
        {
            mean_error = -4.464733898639679e-01;
            rms_error = 5.024322509765625e+00;
            std_dev_error = 5.004445552825928e+00;
        }
        height =
        {
            mean_error = 7.075244560837746e-03;
            rms_error = 5.225169658660889e-01;
            std_dev_error = 5.224690437316895e-01;
        }
    }
}

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        combined =
        {
            mean_error = 5.821177959442139e-01;
            rms_error = 6.461420536041260e+00;
            std_dev_error = 6.435144901275635e+00;
        }
    }
}
ControlPointsSummary =
[
    {
        CpNumber = 8971L;
        CpAutoMarked = TRUE;
        CpKind = "RCP";
        CpLocation =
        {
            latitude = 4.651935695285890e+01;
            longitude = -1.195347907594483e+02;
            height = 2.093975445460528e+02;
        }
        CpResiduals =
        {
            alongTrack = -2.786098949736250e+00;
            acrossTrack = 9.176566465134801e+00;
            height = 1.254894165082896e+00;
            combined = 9.671942866472959e+00;
        }
    }
    {
        CpNumber = 8204L;
        CpAutoMarked = TRUE;
        CpKind = "RCP";
        CpLocation =
        {
            latitude = 4.818274844139875e+01;
            longitude = -1.212432541748667e+02;
            height = 1.620216941549443e+03;
        }
        CpResiduals =
        {
            alongTrack = -3.159804393180017e+00;
            acrossTrack = 3.715896676822338e+00;
            height = -4.930432398981959e-01;
            combined = 4.902585394706382e+00;
        }
    }
    {
        CpNumber = 8707L;
        CpAutoMarked = TRUE;
        CpKind = "RCP";
        CpLocation =
        {
            latitude = 4.675657895888786e+01;
            longitude = -1.205946019087620e+02;
            height = 4.876799436444417e+02;
        }
        CpResiduals =

```

```

    {
        alongTrack = -3.137433613277771e+00;
        acrossTrack = 5.115940288339289e+00;
        height = 1.154767538092694e-02;
        combined = 6.001372181458587e+00;
    }
}
{
    CpNumber = 26514L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.683086643148053e+01;
        longitude = -1.215190060479548e+02;
        height = 1.063204944154248e+03;
    }
    CpResiduals =
    {
        alongTrack = 2.192267877843594e+00;
        acrossTrack = -3.736807305737002e+00;
        height = 4.031447869909777e-01;
        combined = 4.351125487470142e+00;
    }
}
{
    CpNumber = 8710L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.708725547649449e+01;
        longitude = -1.192786835898118e+02;
        height = 3.649999437974766e+02;
    }
    CpResiduals =
    {
        alongTrack = 5.753106366383290e+00;
        acrossTrack = -5.701050539918757e+00;
        height = -8.033928196366196e-01;
        combined = 8.139143084150295e+00;
    }
}
{
    CpNumber = 8195L;
    CpAutoMarked = FALSE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.802787928918098e+01;
        longitude = -1.191476146277547e+02;
        height = 7.449311408726498e+02;
    }
    CpResiduals =
    {
        alongTrack = -4.847461025791805e+00;
        acrossTrack = 1.749803025658386e+00;
    }
}

```

```

        height = 1.966309938915010e-01;
        combined = 5.157359089004037e+00;
    }
}
{
    CpNumber = 8202L;
    CpAutoMarked = FALSE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.819812605118869e+01;
        longitude = -1.204166400131578e+02;
        height = 1.604827941521071e+03;
    }
    CpResiduals =
    {
        alongTrack = -7.015330980347525e-01;
        acrossTrack = 1.647228601150163e+00;
        height = -6.693424917611152e-02;
        combined = 1.791644759933768e+00;
    }
}
{
    CpNumber = 8431L;
    CpAutoMarked = FALSE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.759966188146711e+01;
        longitude = -1.195329917644163e+02;
        height = 7.619999427860603e+02;
    }
    CpResiduals =
    {
        alongTrack = -1.398646575118017e+00;
        acrossTrack = -5.129836616817744e+00;
        height = -4.450081807733879e-01;
        combined = 5.335678798268194e+00;
    }
}
{
    CpNumber = 8729L;
    CpAutoMarked = FALSE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.701324975421747e+01;
        longitude = -1.209574873203933e+02;
        height = 1.491012943747453e+03;
    }
    CpResiduals =
    {
        alongTrack = -9.260523522881394e-01;
        acrossTrack = -5.524431186446242e+00;
        height = 2.807718987081698e-01;
        combined = 5.608542212737854e+00;
    }
}

```

```

    }
    {
        CpNumber = 8200L;
        CpAutoMarked = FALSE;
        CpKind = "RCP";
        CpLocation =
        {
            latitude = 4.772477118823655e+01;
            longitude = -1.207364797667532e+02;
            height = 6.236207416364923e+02;
        }
        CpResiduals =
        {
            alongTrack = 6.241705735081558e+00;
            acrossTrack = 4.263947829253810e-01;
            height = -2.245539013662512e-02;
            combined = 6.256293410542874e+00;
        }
    }
    {
        CpNumber = 8593L;
        CpAutoMarked = FALSE;
        CpKind = "RCP";
        CpLocation =
        {
            latitude = 4.731444656509756e+01;
            longitude = -1.200895182936424e+02;
            height = 1.830149434134364e+02;
        }
        CpResiduals =
        {
            alongTrack = 6.878012647561972e+00;
            acrossTrack = -6.650911160399443e+00;
            height = -2.383279457633134e-01;
            combined = 9.570709349535178e+00;
        }
    }
}
]
}
=====
ProductDefinition.input:
=====
{
    inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500003/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;
            0.0000000000000000e+00;
        ]
        referenceSpheroid =
        {
            earth_spheroid_name = "NAD83";
            semimajor_axis = 6.3781370000000000e+06;
            eccentricity_squared = 6.694380022900790e-03;
            earth_centre_offset =
            {
                lowerB = 1;
                upperB = 3;
                Bstore =
                [
                    0.0000000000000000e+00;
                    0.0000000000000000e+00;
                    0.0000000000000000e+00;
                ]
            }
            ellipsoidCode = 7019;
        }
    }
}

```

```

    GCTPZone = 4602;
}
orientationChoice = 1;
path ?= 45;
row ?= 27;
sceneShift ?= 0.0000000000000000e+00F;
mapPixelSpacing ?= 3.0000000000000000e+01;
mapLineSpacing ?= 3.0000000000000000e+01;
performRegionCheck = FALSE;
performDEM_Correction = TRUE;
performElevationCorrection = FALSE;
performBaseElevationCorrection = FALSE;
baseElevation = 0.0000000000000000e+00F;
}
=====
ProductDefinition.output:
=====
{
  inputLimits =
  {
    inputLimits =
    [
      {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
      }
      {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
      }
      {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
      }
      {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
      }
      {
        startPixel = 1;
        endPixel = 3168;
        startLine = 1;
        endLine = 2992;
      }
    ]
  }
}

```

```

    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 12672;
        startLine = 1;
        endLine = 11968;
    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 1;
        endLine = 2992;
    }
]
}
imageSize =
[
    {
        numLines = 7243;
        numPixels = 7606;
    }
    {
        numLines = 7243;
        numPixels = 7606;
    }
    {
        numLines = 7243;
        numPixels = 7606;
    }
    {
        numLines = 7243;
        numPixels = 7606;
    }
    {
        numLines = 7243;
        numPixels = 7606;
    }
    {
        numLines = 7243;
        numPixels = 7606;
    }
    {
        numLines = 3621;
        numPixels = 3803;
    }
    {
        numLines = 7243;
        numPixels = 7606;
    }
    {
        numLines = 14486;
        numPixels = 15212;
    }
    {
        numLines = 3621;

```

```

    numPixels = 3803;
  }
]
outputResolution =
[
  {
    lineSpacing = 3.000000000000000e+01F;
    pixelSpacing = 3.000000000000000e+01F;
  }
  {
    lineSpacing = 3.000000000000000e+01F;
    pixelSpacing = 3.000000000000000e+01F;
  }
  {
    lineSpacing = 3.000000000000000e+01F;
    pixelSpacing = 3.000000000000000e+01F;
  }
  {
    lineSpacing = 3.000000000000000e+01F;
    pixelSpacing = 3.000000000000000e+01F;
  }
  {
    lineSpacing = 3.000000000000000e+01F;
    pixelSpacing = 3.000000000000000e+01F;
  }
  {
    lineSpacing = 3.000000000000000e+01F;
    pixelSpacing = 3.000000000000000e+01F;
  }
  {
    lineSpacing = 6.000000000000000e+01F;
    pixelSpacing = 6.000000000000000e+01F;
  }
  {
    lineSpacing = 3.000000000000000e+01F;
    pixelSpacing = 3.000000000000000e+01F;
  }
  {
    lineSpacing = 1.500000000000000e+01F;
    pixelSpacing = 1.500000000000000e+01F;
  }
  {
    lineSpacing = 6.000000000000000e+01F;
    pixelSpacing = 6.000000000000000e+01F;
  }
]
outputImageRefPoint =
[
  {
    line = 5.000000000000000e-01F;
    pixel = 5.000000000000000e-01F;
  }
  {
    line = 5.000000000000000e-01F;
    pixel = 5.000000000000000e-01F;
  }
  {
    line = 5.000000000000000e-01F;
    pixel = 5.000000000000000e-01F;
  }
  {

```

[illegible]

```

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 = 45;
row = 27;
startRow = 0;
endRow = 0;
floatingEndRow = 0.000000000000000e+00F;
geodeticCentre =
{
    latitude = 8.281892198753115e-01;
    longitude = -2.100626924765034e+00;
    height = 0.000000000000000e+00;
}
mapCentre =
{
    x = 5.107800000000000e+05;
    y = 2.354850000000000e+05;
    height = 0.000000000000000e+00;
}
geodeticSceneCorners =
[
    {
        latitude = 8.453035793562471e-01;
        longitude = -2.117270814857036e+00;
        height = 0.000000000000000e+00;
    }
    {
        latitude = 8.388850134174036e-01;
        longitude = -2.073193458204283e+00;
        height = 0.000000000000000e+00;
    }
    {
        latitude = 8.110920643164227e-01;
        longitude = -2.084603534736604e+00;
        height = 0.000000000000000e+00;
    }
    {
        latitude = 8.173224920584645e-01;
        longitude = -2.127451793800839e+00;
        height = 0.000000000000000e+00;
    }
]

```

```

    }
  ]
  geodeticProductCorners =
  [
    {
      latitude = 8.109923710549509e-01;
      longitude = -2.126596294042419e+00;
      height = 0.000000000000000e+00;
    }
    {
      latitude = 8.109285271801296e-01;
      longitude = -2.074741987486592e+00;
      height = 0.000000000000000e+00;
    }
    {
      latitude = 8.450293119270608e-01;
      longitude = -2.073686342890451e+00;
      height = 0.000000000000000e+00;
    }
    {
      latitude = 8.450954737235296e-01;
      longitude = -2.127469561426815e+00;
      height = 0.000000000000000e+00;
    }
  ]
  mapProductCorners =
  [
    {
      x = 3.967050000000000e+05;
      y = 1.268250000000000e+05;
      height = 0.000000000000000e+00;
    }
    {
      x = 6.248850000000000e+05;
      y = 1.268250000000000e+05;
      height = 0.000000000000000e+00;
    }
    {
      x = 6.248850000000000e+05;
      y = 3.441150000000000e+05;
      height = 0.000000000000000e+00;
    }
    {
      x = 3.967050000000000e+05;
      y = 3.441150000000000e+05;
      height = 0.000000000000000e+00;
    }
  ]
  blackfillEdgeChoice = 1;
  alignmentChoice = 2;
}
=====
DemIngest.input:
=====
{
  commonChildInputParams =
  {

```

```

    reportName = "DemIngest.report";
    inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500003/Input_";
}
demList =
[
    {
        demType = 2;
        mediaType = 4;
        mediaId = "/dem_data/DEM/washingtonDem";
        filename = "washcanus_elev2";
    }
]
priority = 7.000000000000000e+00F;
numLines = 7243;
numPixels = 7606;
lineSpacing = 3.000000000000000e+01F;
pixelSpacing = 3.000000000000000e+01F;
mapRefPoint =
{
    x = 3.967050000000000e+05;
    y = 3.441150000000000e+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 =
        [
            0.0000000000000000e+00;
            0.0000000000000000e+00;
            0.0000000000000000e+00;
        ]
    }
    ellipsoidCode = 7019;
}
}
GCTPZone = 4602;
}
}
=====
DemIngest.output:
=====
{
    ImageHandle =
"/usr1/nlaps/RT/workorders/011011003017500003/Input__DEMI_IngestControl.tif";
    ImageAllocationId = 229390L;
}
=====
DemIngest.report:
=====
{
    ReportHeader =
    {
        ReportName = "DEM Ingest Report";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "011011003017500003";
        StartTime = "Mon Oct 15 11:53:05 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 11;
            minute = 53;
            sec = 5;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Mon Oct 15 11:53:46 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 11;
            minute = 53;
            sec = 46;
            usec = 0;
            time_system = 2;
        }
        CpuTime = 2.5020000000000000e+01;
    }
    PixelSpacing = 3.0000000000000000e+01F;
}

```

```

PixelSpacingUnits = "meters";
LineSpacing = 3.000000000000000e+01F;
LineSpacingUnits = "meters";
ProductOrderNumber = "011011003017500003";
SourceFormat = "LAS";
PixelType = 2L;
HorizontalDatum = "NORTHAM_83_CONUS";
VerticalDatum = "MSL";
UpperLatitude = 4.842450428824100e+01;
RightLongitude = -1.188070629979536e+02;
LowerLatitude = 4.645851309779585e+01;
LeftLongitude = -1.219018222144733e+02;
NumberOfLines = 7275L;
PixelsPerLine = 7639L;
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/011011003017500003/Input_";
        productSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500003/DEM_";
    }
    priority = 7.000000000000000e+00F;
    InputImageFile =
"/usr1/nlaps/RT/workorders/011011003017500003/Input__DEMI_IngestControl.tif";
    ResampleImageOrDemFlag = FALSE;
    CollectStatsFlag = TRUE;
    productSpecification =
    {
        satellite = "LS7 ";
        sensor = "ETMP";
        processingLevel = "Precision Geocorrection";
        outputPixelType = 2;
        blackfillEdgeChoice = 1;
        path = 45;
        row = 27;
        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;
            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 = 3.9670500000000000e+05;
  y = 3.4411500000000000e+05;
  height = 0.0000000000000000e+00;
}
outputOrientation = 0.0000000000000000e+00;
inputLimits =
{
  inputLimits =
  [
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 3168;
      startLine = 1;
      endLine = 2992;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 12672;
      startLine = 1;
      endLine = 11968;
    }
  ]
}

```

```

    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 1;
        endLine = 2992;
    }
]
}
processingOptions =
{
    resamplingKernel = "CC";
    resamplingMethod = "1Pass2Dimensional";
    performRadiometricCorrection = TRUE;
    radiometricAlgorithm = 1;
    performGeometricCorrection = TRUE;
    performDEM_Correction = TRUE;
    performElevationCorrection = FALSE;
    performBaseElevationCorrection = FALSE;
    baseElevation = 0.0000000000000000e+00F;
    performAtmosphericCorrection = FALSE;
    performBadLineReplacement = FALSE;
    performScanGapCorrection = FALSE;
    alignmentRequired = FALSE;
    performHistogramming = FALSE;
    performDebandFilter = FALSE;
    performDespikeFilter = FALSE;
}
outputResolution =
[
    {
        lineSpacing = 3.0000000000000000e+01F;
        pixelSpacing = 3.0000000000000000e+01F;
    }
]
imageSize =
[
    {
        numLines = 7243;
        numPixels = 7606;
    }
]
outputImageRefPoint =
[
    {
        line = 5.0000000000000000e-01F;
        pixel = 5.0000000000000000e-01F;
    }
]
}
}

```

```
=====
WarpDem.output:
=====
```

```

{
    outputImage =
    {

```

```

        outputImageHandle =
"/usr1/nlaps/RT/workorders/011011003017500003/DEM__OPR_WarpResampler.tif";
        outputImageAllocationId = 229398L;
    }
}

```

```

=====
WarpDem.report:
=====

```

```

{
    ReportHeader =
    {
        ReportName = "resamplerReport";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "011011003017500003";
        StartTime = "Mon Oct 15 11:53:47 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 11;
            minute = 53;
            sec = 47;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Mon Oct 15 11:54:16 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 11;
            minute = 54;
            sec = 16;
            usec = 0;
            time_system = 2;
        }
        CpuTime = 3.2590000000000000e+01;
    }
    GeometricCorrectionLevel = "map-projected";
    ProductInfo =
    {
        Projection = "SPCS";
        GCTPZone = 4602;
        Datum = "NAD83";
        Orientation = 0.0000000000000000e+00;
    }
    ResamplingInfo =
    {
        Method = "1 PASS";
        Kernel = "Bilinear";
    }
    SatelliteAngleOfIncidence = 0.0000000000000000e+00;
    SatelliteAngleOfIncidenceDirection = "L";
    SatelliteIncidentOrientation = 0.0000000000000000e+00;
    SatelliteOffNadirPointingAngle = 0.0000000000000000e+00;
}

```

```

OffNadirPointingAngle = 0.0000000000000000e+00;
DemCorrection =
{
    WasApplied = FALSE;
}
ElevationCorrection =
{
    WasApplied = FALSE;
}
RadiometricCorrection =
{
    WasApplied = FALSE;
}
}
=====
ImageCorrection.input:
=====
{
    commonChildInputParams =
    {
        inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500003/Input_";
        productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003017500003/Product_";
        reportName = "ImageCorrection.report";
    }
    priority = 7.0000000000000000e+00F;
    InputImageFile =
"/usr1/nlaps/RT/workorders/011011003017500003/Input_LZR_Main.tif";
    InputDemFile ?=
"/usr1/nlaps/RT/workorders/011011003017500003/DEM__OPR_WarpResampler.tif";
    ResampleImageOrDemFlag = TRUE;
    productSpecification =
    {
        satellite = "LS7 ";
        sensor = "ETMP";
        processingLevel = "Precision Geocorrection";
        outputPixelType = 2;
        blackfillEdgeChoice = 1;
        path = 45;
        row = 27;
        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;
}
processingOptions =
{
  resamplingKernel = "CC";
  resamplingMethod = "1Pass2Dimensional";
  performRadiometricCorrection = TRUE;
  radiometricAlgorithm = 1;
  performGeometricCorrection = TRUE;
  performDEM_Correction = TRUE;
  performElevationCorrection = FALSE;
  performBaseElevationCorrection = FALSE;
  baseElevation = 0.0000000000000000e+00F;
  performAtmosphericCorrection = FALSE;
  performBadLineReplacement = TRUE;
}

```

```

performScanGapCorrection = TRUE;
alignmentRequired = FALSE;
performHistogramming = TRUE;
performDebandFilter = FALSE;
performDespikeFilter = FALSE;
}
outputMapRefPoint =
{
  x = 3.9670500000000000e+05;
  y = 3.4411500000000000e+05;
  height = 0.0000000000000000e+00;
}
outputOrientation = 0.0000000000000000e+00;
inputLimits =
{
  inputLimits =
  [
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 3168;
      startLine = 1;
      endLine = 2992;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
    }
  ]
}

```

```

        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 12672;
        startLine = 1;
        endLine = 11968;
    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 1;
        endLine = 2992;
    }
    ]
}
imageSize =
[
    {
        numLines = 7243;
        numPixels = 7606;
    }
    {
        numLines = 7243;
        numPixels = 7606;
    }
    {
        numLines = 7243;
        numPixels = 7606;
    }
    {
        numLines = 7243;
        numPixels = 7606;
    }
    {
        numLines = 7243;
        numPixels = 7606;
    }
    {
        numLines = 3621;
        numPixels = 3803;
    }
    {
        numLines = 7243;
        numPixels = 7606;
    }
    {
        numLines = 14486;
        numPixels = 15212;
    }
    {
        numLines = 3621;
        numPixels = 3803;
    }
]
outputResolution =
[

```

```

{
    lineSpacing = 3.000000000000000e+01F;
    pixelSpacing = 3.000000000000000e+01F;
}
{
    lineSpacing = 3.000000000000000e+01F;
    pixelSpacing = 3.000000000000000e+01F;
}
{
    lineSpacing = 3.000000000000000e+01F;
    pixelSpacing = 3.000000000000000e+01F;
}
{
    lineSpacing = 3.000000000000000e+01F;
    pixelSpacing = 3.000000000000000e+01F;
}
{
    lineSpacing = 3.000000000000000e+01F;
    pixelSpacing = 3.000000000000000e+01F;
}
{
    lineSpacing = 6.000000000000000e+01F;
    pixelSpacing = 6.000000000000000e+01F;
}
{
    lineSpacing = 3.000000000000000e+01F;
    pixelSpacing = 3.000000000000000e+01F;
}
{
    lineSpacing = 1.500000000000000e+01F;
    pixelSpacing = 1.500000000000000e+01F;
}
{
    lineSpacing = 6.000000000000000e+01F;
    pixelSpacing = 6.000000000000000e+01F;
}
]
outputImageRefPoint =
[
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
    }

```

```

        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    {
        line = 5.000000000000000e-01F;
        pixel = 5.000000000000000e-01F;
    }
    }
    ]
}
}
=====
ImageCorrection.output:
=====
{
    outputImage =
    {
        outputImageHandle =
"/usr1/nlaps/RT/workorders/011011003017500003/Product__OPR_MsResampler.tif";
        outputImageAllocationId = 229449L;
    }
}
=====
ImageCorrection.report:
=====
{
    ReportHeader =
    {
        ReportName = "resamplerReport";
        VersionNumber = 1.000000000000000e+00;
        WorkOrderId = "011011003017500003";
        StartTime = "Mon Oct 15 11:54:19 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 11;
            minute = 54;
            sec = 19;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Mon Oct 15 12:06:53 2001";
        CompletionTimeRecord =
        {
            year = 2001;

```

[illegible]

[illegible]

[illegible]

```

    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
}
[
{
    gain = 9.61819e-01;
    offset = -7.68957e+00;
}
{
    gain = 9.52579e-01;
    offset = -7.59922e+00;
}
{
    gain = 9.49465e-01;
    offset = -7.63143e+00;
}
{
    gain = 9.47992e-01;
    offset = -7.61634e+00;
}
{
    gain = 9.43502e-01;
    offset = -7.36493e+00;
}
{
    gain = 9.44865e-01;
    offset = -7.30898e+00;
}
}

```

```

    {
        gain = 9.58210e-01;
        offset = -7.80410e+00;
    }
    {
        gain = 9.52629e-01;
        offset = -7.54248e+00;
    }
    {
        gain = 9.50222e-01;
        offset = -7.68938e+00;
    }
    {
        gain = 9.47738e-01;
        offset = -7.53752e+00;
    }
    {
        gain = 9.50365e-01;
        offset = -7.55722e+00;
    }
    {
        gain = 9.42528e-01;
        offset = -7.50393e+00;
    }
    {
        gain = 9.50664e-01;
        offset = -7.53617e+00;
    }
    {
        gain = 9.42268e-01;
        offset = -7.50530e+00;
    }
    {
        gain = 9.55427e-01;
        offset = -7.83910e+00;
    }
    {
        gain = 9.55558e-01;
        offset = -7.81701e+00;
    }
]
[
    {
        gain = 9.61819e-01;
        offset = -7.68957e+00;
    }
    {
        gain = 9.52579e-01;
        offset = -7.59922e+00;
    }
    {
        gain = 9.49465e-01;
        offset = -7.63143e+00;
    }
    {
        gain = 9.47992e-01;
        offset = -7.61634e+00;
    }

```

```

    }
    {
        gain = 9.43502e-01;
        offset = -7.36493e+00;
    }
    {
        gain = 9.44865e-01;
        offset = -7.30898e+00;
    }
    {
        gain = 9.58210e-01;
        offset = -7.80410e+00;
    }
    {
        gain = 9.52629e-01;
        offset = -7.54248e+00;
    }
    {
        gain = 9.50222e-01;
        offset = -7.68938e+00;
    }
    {
        gain = 9.47738e-01;
        offset = -7.53752e+00;
    }
    {
        gain = 9.50365e-01;
        offset = -7.55722e+00;
    }
    {
        gain = 9.42528e-01;
        offset = -7.50393e+00;
    }
    {
        gain = 9.50664e-01;
        offset = -7.53617e+00;
    }
    {
        gain = 9.42268e-01;
        offset = -7.50530e+00;
    }
    {
        gain = 9.55427e-01;
        offset = -7.83910e+00;
    }
    {
        gain = 9.55558e-01;
        offset = -7.81701e+00;
    }
    ]
}
{
    bandNumber = 2L;
    gainOffsetCoefficient =
    {
        gain = 7.95686e-01;
    }
}

```

[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 = 9.41851e-01;
    offset = -7.81646e+00;
  }
  {
    gain = 9.53352e-01;
    offset = -7.78729e+00;
  }
  {
    gain = 9.46495e-01;
    offset = -7.57824e+00;
  }
  {
    gain = 9.49703e-01;
    offset = -7.61978e+00;
  }
  {
    gain = 9.40695e-01;
    offset = -7.28594e+00;
  }
  {
    gain = 9.42471e-01;
    offset = -7.47391e+00;
  }
  {
    gain = 9.62223e-01;
    offset = -7.80463e+00;
  }
  {

```

```

    gain = 9.41157e-01;
    offset = -7.58583e+00;
  }
  {
    gain = 9.42211e-01;
    offset = -7.51669e+00;
  }
  {
    gain = 9.45617e-01;
    offset = -7.54088e+00;
  }
  {
    gain = 9.46979e-01;
    offset = -7.56271e+00;
  }
  {
    gain = 9.45835e-01;
    offset = -7.65471e+00;
  }
  {
    gain = 9.54739e-01;
    offset = -7.68695e+00;
  }
  {
    gain = 9.39366e-01;
    offset = -7.54729e+00;
  }
  {
    gain = 9.50482e-01;
    offset = -7.66399e+00;
  }
  {
    gain = 9.54589e-01;
    offset = -7.79504e+00;
  }
]
[
  {
    gain = 9.41851e-01;
    offset = -7.81646e+00;
  }
  {
    gain = 9.53352e-01;
    offset = -7.78729e+00;
  }
  {
    gain = 9.46495e-01;
    offset = -7.57824e+00;
  }
  {
    gain = 9.49703e-01;
    offset = -7.61978e+00;
  }
  {
    gain = 9.40695e-01;
    offset = -7.28594e+00;
  }
]

```

```

    {
        gain = 9.42471e-01;
        offset = -7.47391e+00;
    }
    {
        gain = 9.62223e-01;
        offset = -7.80463e+00;
    }
    {
        gain = 9.41157e-01;
        offset = -7.58583e+00;
    }
    {
        gain = 9.42211e-01;
        offset = -7.51669e+00;
    }
    {
        gain = 9.45617e-01;
        offset = -7.54088e+00;
    }
    {
        gain = 9.46979e-01;
        offset = -7.56271e+00;
    }
    {
        gain = 9.45835e-01;
        offset = -7.65471e+00;
    }
    {
        gain = 9.54739e-01;
        offset = -7.68695e+00;
    }
    {
        gain = 9.39366e-01;
        offset = -7.54729e+00;
    }
    {
        gain = 9.50482e-01;
        offset = -7.66399e+00;
    }
    {
        gain = 9.54589e-01;
        offset = -7.79504e+00;
    }
    ]
]
}
{
    bandNumber = 3L;
    gainOffsetCoefficient =
    {
        gain = 6.19216e-01;
        offset = -5.00000e+00;
    }
    lowerReflectanceLimit = 0L;
    upperReflectanceLimit = 100L;
    referenceDetector = 8L;
}

```

[illegible]

[illegible]

```

    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    }
]
[
    {
        gain = 9.50453e-01;
        offset = -7.73624e+00;
    }
    {
        gain = 9.46904e-01;
        offset = -7.64196e+00;
    }
    {
        gain = 9.52642e-01;
        offset = -7.62339e+00;
    }
    {
        gain = 9.50629e-01;
        offset = -7.69279e+00;
    }
    {
        gain = 9.55111e-01;
        offset = -7.67722e+00;
    }
    {
        gain = 9.43935e-01;
        offset = -7.53762e+00;
    }
    {
        gain = 9.54235e-01;
        offset = -7.66604e+00;
    }
    {
        gain = 9.44092e-01;
        offset = -7.46216e+00;
    }
    {
        gain = 9.51737e-01;

```

```

    offset = -7.68023e+00;
  }
  {
    gain = 9.61275e-01;
    offset = -7.72405e+00;
  }
  {
    gain = 9.59894e-01;
    offset = -7.83000e+00;
  }
  {
    gain = 9.51522e-01;
    offset = -7.71275e+00;
  }
  {
    gain = 9.52757e-01;
    offset = -7.74589e+00;
  }
  {
    gain = 9.49935e-01;
    offset = -7.59462e+00;
  }
  {
    gain = 9.51136e-01;
    offset = -7.85487e+00;
  }
  {
    gain = 9.57013e-01;
    offset = -7.82233e+00;
  }
]
[
  {
    gain = 9.50453e-01;
    offset = -7.73624e+00;
  }
  {
    gain = 9.46904e-01;
    offset = -7.64196e+00;
  }
  {
    gain = 9.52642e-01;
    offset = -7.62339e+00;
  }
  {
    gain = 9.50629e-01;
    offset = -7.69279e+00;
  }
  {
    gain = 9.55111e-01;
    offset = -7.67722e+00;
  }
  {
    gain = 9.43935e-01;
    offset = -7.53762e+00;
  }
  {

```

```

        gain = 9.54235e-01;
        offset = -7.66604e+00;
    }
    {
        gain = 9.44092e-01;
        offset = -7.46216e+00;
    }
    {
        gain = 9.51737e-01;
        offset = -7.68023e+00;
    }
    {
        gain = 9.61275e-01;
        offset = -7.72405e+00;
    }
    {
        gain = 9.59894e-01;
        offset = -7.83000e+00;
    }
    {
        gain = 9.51522e-01;
        offset = -7.71275e+00;
    }
    {
        gain = 9.52757e-01;
        offset = -7.74589e+00;
    }
    {
        gain = 9.49935e-01;
        offset = -7.59462e+00;
    }
    {
        gain = 9.51136e-01;
        offset = -7.85487e+00;
    }
    {
        gain = 9.57013e-01;
        offset = -7.82233e+00;
    }
    }
    ]
}
{
    bandNumber = 4L;
    gainOffsetCoefficient =
    {
        gain = 9.65490e-01;
        offset = -5.10001e+00;
    }
    lowerReflectanceLimit = 0L;
    upperReflectanceLimit = 100L;
    referenceDetector = 7L;
    useDefaultAbsCalibration = FALSE;
    numberDetectors = 16L;
    calibrationCoeffs_ =
    [

```

```
{
    gain = 9.73913e-01;
    offset = -5.28362e+00;
}
{
    gain = 9.53153e-01;
    offset = -4.97103e+00;
}
{
    gain = 9.61965e-01;
    offset = -5.04853e+00;
}
{
    gain = 9.60487e-01;
    offset = -5.15987e+00;
}
{
    gain = 9.61248e-01;
    offset = -5.03786e+00;
}
{
    gain = 9.52255e-01;
    offset = -4.98090e+00;
}
{
    gain = 9.60289e-01;
    offset = -4.95446e+00;
}
{
    gain = 9.52129e-01;
    offset = -4.68584e+00;
}
{
    gain = 9.69517e-01;
    offset = -5.18297e+00;
}
{
    gain = 9.59201e-01;
    offset = -4.87199e+00;
}
{
    gain = 9.65053e-01;
    offset = -5.04966e+00;
}
{
    gain = 9.69344e-01;
    offset = -5.20853e+00;
}
{
    gain = 9.53772e-01;
    offset = -5.15987e+00;
}
{
    gain = 9.73493e-01;
    offset = -5.43381e+00;
}
}
```

```

    gain = 9.64824e-01;
    offset = -5.10291e+00;
  }
  {
    gain = 9.69321e-01;
    offset = -5.21278e+00;
  }
]
[
  {
    gain = 9.73913e-01;
    offset = -5.28362e+00;
  }
  {
    gain = 9.53153e-01;
    offset = -4.97103e+00;
  }
  {
    gain = 9.61965e-01;
    offset = -5.04853e+00;
  }
  {
    gain = 9.60487e-01;
    offset = -5.15987e+00;
  }
  {
    gain = 9.61248e-01;
    offset = -5.03786e+00;
  }
  {
    gain = 9.52255e-01;
    offset = -4.98090e+00;
  }
  {
    gain = 9.60289e-01;
    offset = -4.95446e+00;
  }
  {
    gain = 9.52129e-01;
    offset = -4.68584e+00;
  }
  {
    gain = 9.69517e-01;
    offset = -5.18297e+00;
  }
  {
    gain = 9.59201e-01;
    offset = -4.87199e+00;
  }
  {
    gain = 9.65053e-01;
    offset = -5.04966e+00;
  }
  {
    gain = 9.69344e-01;
    offset = -5.20853e+00;
  }
}

```

[illegible]

[illegible]

```

        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    ]
]
}
{
bandNumber = 5L;
gainOffsetCoefficient =
{
    gain = 1.25725e-01;
    offset = -9.99998e-01;
}
lowerReflectanceLimit = 0L;
upperReflectanceLimit = 100L;
referenceDetector = 14L;
useDefaultAbsCalibration = FALSE;
numberDetectors = 16L;
calibrationCoeffs_ =
[
    [
        {
            gain = 1.000000e+00;
            offset = 0.000000e+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 = 9.55831e-01;
        offset = -7.37347e+00;
    }
    {
        gain = 9.50432e-01;
        offset = -7.54769e+00;
    }
    {
        gain = 9.51634e-01;
        offset = -7.58422e+00;
    }
    {
        gain = 9.47001e-01;
        offset = -7.50591e+00;
    }
    {
        gain = 9.45866e-01;
        offset = -7.39707e+00;
    }
    {
        gain = 9.52294e-01;
        offset = -7.59326e+00;
    }
    {
        gain = 9.62179e-01;
        offset = -7.65442e+00;
    }
    {
        gain = 9.56901e-01;
        offset = -7.56022e+00;
    }
    {
        gain = 9.58234e-01;
        offset = -7.64693e+00;
    }
    {
        gain = 9.51608e-01;
        offset = -7.49715e+00;
    }
    {
        gain = 9.52448e-01;
        offset = -7.87490e+00;
    }
}

```

```

    {
        gain = 9.62145e-01;
        offset = -7.72633e+00;
    }
    {
        gain = 9.54785e-01;
        offset = -7.70897e+00;
    }
    {
        gain = 9.57899e-01;
        offset = -7.66365e+00;
    }
    {
        gain = 9.55625e-01;
        offset = -7.48683e+00;
    }
    {
        gain = 9.51149e-01;
        offset = -7.60013e+00;
    }
]
[
    {
        gain = 9.55831e-01;
        offset = -7.37347e+00;
    }
    {
        gain = 9.50432e-01;
        offset = -7.54769e+00;
    }
    {
        gain = 9.51634e-01;
        offset = -7.58422e+00;
    }
    {
        gain = 9.47001e-01;
        offset = -7.50591e+00;
    }
    {
        gain = 9.45866e-01;
        offset = -7.39707e+00;
    }
    {
        gain = 9.52294e-01;
        offset = -7.59326e+00;
    }
    {
        gain = 9.62179e-01;
        offset = -7.65442e+00;
    }
    {
        gain = 9.56901e-01;
        offset = -7.56022e+00;
    }
    {
        gain = 9.58234e-01;
        offset = -7.64693e+00;
    }

```

```

    }
    {
        gain = 9.51608e-01;
        offset = -7.49715e+00;
    }
    {
        gain = 9.52448e-01;
        offset = -7.87490e+00;
    }
    {
        gain = 9.62145e-01;
        offset = -7.72633e+00;
    }
    {
        gain = 9.54785e-01;
        offset = -7.70897e+00;
    }
    {
        gain = 9.57899e-01;
        offset = -7.66365e+00;
    }
    {
        gain = 9.55625e-01;
        offset = -7.48683e+00;
    }
    {
        gain = 9.51149e-01;
        offset = -7.60013e+00;
    }
    }
    ]
}
{
    bandNumber = 6L;
    gainOffsetCoefficient =
    {
        gain = 6.68235e-02;
        offset = 0.00000e+00;
    }
    lowerReflectanceLimit = 0L;
    upperReflectanceLimit = 100L;
    referenceDetector = 8L;
    useDefaultAbsCalibration = FALSE;
    numberDetectors = 8L;
    calibrationCoeffs_ =
    [
        [
            {
                gain = 8.66563e-01;
                offset = 2.64593e+01;
            }
            {
                gain = 8.82509e-01;
                offset = 2.47547e+01;
            }
            {
                gain = 8.60146e-01;

```

```

        offset = 2.70260e+01;
    }
    {
        gain = 8.61131e-01;
        offset = 2.69107e+01;
    }
    {
        gain = 8.44112e-01;
        offset = 2.86056e+01;
    }
    {
        gain = 8.86038e-01;
        offset = 2.42503e+01;
    }
    {
        gain = 8.43321e-01;
        offset = 2.86789e+01;
    }
    {
        gain = 8.28616e-01;
        offset = 3.01943e+01;
    }
    ]
    [
        {
            gain = 8.66563e-01;
            offset = 2.64593e+01;
        }
        {
            gain = 8.82509e-01;
            offset = 2.47547e+01;
        }
        {
            gain = 8.60146e-01;
            offset = 2.70260e+01;
        }
        {
            gain = 8.61131e-01;
            offset = 2.69107e+01;
        }
        {
            gain = 8.44112e-01;
            offset = 2.86056e+01;
        }
        {
            gain = 8.86038e-01;
            offset = 2.42503e+01;
        }
        {
            gain = 8.43321e-01;
            offset = 2.86789e+01;
        }
        {
            gain = 8.28616e-01;
            offset = 3.01943e+01;
        }
    ]

```

```
[
  {
    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
  {
    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
  {
    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
  {
    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
  {
    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
  {
    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
  {
    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
  {
    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
  {
    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
]
[
  {
    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
  {
    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
  {
    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
  {
    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
  {
    gain = 1.00000e+00;
    offset = 0.00000e+00;
  }
  {
    gain = 1.00000e+00;
  }
]
```

[illegible]

```

    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
}
[
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
}

```

```
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
}
[
{
  gain = 9.50571e-01;
  offset = -7.75297e+00;
}
{
  gain = 9.50147e-01;
  offset = -7.54783e+00;
}
{
  gain = 9.63526e-01;
  offset = -7.77091e+00;
}
```

```

    }
    {
        gain = 9.31878e-01;
        offset = -7.47145e+00;
    }
    {
        gain = 9.52581e-01;
        offset = -7.49212e+00;
    }
    {
        gain = 9.61713e-01;
        offset = -7.64825e+00;
    }
    {
        gain = 9.51979e-01;
        offset = -7.50138e+00;
    }
    {
        gain = 9.50402e-01;
        offset = -7.44617e+00;
    }
    {
        gain = 9.51975e-01;
        offset = -7.55261e+00;
    }
    {
        gain = 9.57675e-01;
        offset = -7.55798e+00;
    }
    {
        gain = 9.56638e-01;
        offset = -7.68646e+00;
    }
    {
        gain = 9.57217e-01;
        offset = -7.79871e+00;
    }
    {
        gain = 9.51883e-01;
        offset = -7.56953e+00;
    }
    {
        gain = 9.60260e-01;
        offset = -7.76476e+00;
    }
    {
        gain = 9.52443e-01;
        offset = -7.79286e+00;
    }
    {
        gain = 9.52797e-01;
        offset = -7.74476e+00;
    }
    ]
    [
        {
            gain = 9.50571e-01;

```

```
    offset = -7.75297e+00;  
  }  
{  
    gain = 9.50147e-01;  
    offset = -7.54783e+00;  
  }  
{  
    gain = 9.63526e-01;  
    offset = -7.77091e+00;  
  }  
{  
    gain = 9.31878e-01;  
    offset = -7.47145e+00;  
  }  
{  
    gain = 9.52581e-01;  
    offset = -7.49212e+00;  
  }  
{  
    gain = 9.61713e-01;  
    offset = -7.64825e+00;  
  }  
{  
    gain = 9.51979e-01;  
    offset = -7.50138e+00;  
  }  
{  
    gain = 9.50402e-01;  
    offset = -7.44617e+00;  
  }  
{  
    gain = 9.51975e-01;  
    offset = -7.55261e+00;  
  }  
{  
    gain = 9.57675e-01;  
    offset = -7.55798e+00;  
  }  
{  
    gain = 9.56638e-01;  
    offset = -7.68646e+00;  
  }  
{  
    gain = 9.57217e-01;  
    offset = -7.79871e+00;  
  }  
{  
    gain = 9.51883e-01;  
    offset = -7.56953e+00;  
  }  
{  
    gain = 9.60260e-01;  
    offset = -7.76476e+00;  
  }  
{  
    gain = 9.52443e-01;  
    offset = -7.79286e+00;
```

```

    }
    {
        gain = 9.52797e-01;
        offset = -7.74476e+00;
    }
]
]
}
{
    bandNumber = 8L;
    gainOffsetCoefficient =
    {
        gain = 9.71765e-01;
        offset = -4.70000e+00;
    }
    lowerReflectanceLimit = 0L;
    upperReflectanceLimit = 100L;
    referenceDetector = 27L;
    useDefaultAbsCalibration = FALSE;
    numberDetectors = 32L;
    calibrationCoeffs_ =
    [
        [
            {
                gain = 9.62261e-01;
                offset = -4.68764e+00;
            }
            {
                gain = 9.67068e-01;
                offset = -4.68172e+00;
            }
            {
                gain = 9.68227e-01;
                offset = -4.73145e+00;
            }
            {
                gain = 9.66340e-01;
                offset = -4.63421e+00;
            }
            {
                gain = 9.54426e-01;
                offset = -4.48159e+00;
            }
            {
                gain = 9.59187e-01;
                offset = -4.65600e+00;
            }
            {
                gain = 9.56885e-01;
                offset = -4.50680e+00;
            }
            {
                gain = 9.67210e-01;
                offset = -4.60178e+00;
            }
            {
                gain = 9.53646e-01;

```

```
    offset = -4.63765e+00;  
  }  
  {  
    gain = 9.61386e-01;  
    offset = -4.54656e+00;  
  }  
  {  
    gain = 9.56319e-01;  
    offset = -4.65500e+00;  
  }  
  {  
    gain = 9.62225e-01;  
    offset = -4.63091e+00;  
  }  
  {  
    gain = 9.59158e-01;  
    offset = -4.67491e+00;  
  }  
  {  
    gain = 9.67177e-01;  
    offset = -4.75168e+00;  
  }  
  {  
    gain = 9.50911e-01;  
    offset = -4.53536e+00;  
  }  
  {  
    gain = 9.65400e-01;  
    offset = -4.62723e+00;  
  }  
  {  
    gain = 9.66849e-01;  
    offset = -4.75678e+00;  
  }  
  {  
    gain = 9.56621e-01;  
    offset = -4.72698e+00;  
  }  
  {  
    gain = 9.58939e-01;  
    offset = -4.73087e+00;  
  }  
  {  
    gain = 9.62086e-01;  
    offset = -4.59215e+00;  
  }  
  {  
    gain = 9.55957e-01;  
    offset = -4.79488e+00;  
  }  
  {  
    gain = 9.59297e-01;  
    offset = -4.67108e+00;  
  }  
  {  
    gain = 9.52489e-01;  
    offset = -4.56555e+00;
```

```

    }
    {
        gain = 9.52281e-01;
        offset = -4.47085e+00;
    }
    {
        gain = 9.66916e-01;
        offset = -4.64036e+00;
    }
    {
        gain = 9.57425e-01;
        offset = -4.62768e+00;
    }
    {
        gain = 9.66427e-01;
        offset = -4.68436e+00;
    }
    {
        gain = 9.59086e-01;
        offset = -4.50238e+00;
    }
    {
        gain = 9.66425e-01;
        offset = -4.73926e+00;
    }
    {
        gain = 9.54542e-01;
        offset = -4.60904e+00;
    }
    {
        gain = 9.68784e-01;
        offset = -4.80848e+00;
    }
    {
        gain = 9.57552e-01;
        offset = -4.71521e+00;
    }
]
[
    {
        gain = 9.62261e-01;
        offset = -4.68764e+00;
    }
    {
        gain = 9.67068e-01;
        offset = -4.68172e+00;
    }
    {
        gain = 9.68227e-01;
        offset = -4.73145e+00;
    }
    {
        gain = 9.66340e-01;
        offset = -4.63421e+00;
    }
    {
        gain = 9.54426e-01;

```

```
    offset = -4.48159e+00;  
  }  
  {  
    gain = 9.59187e-01;  
    offset = -4.65600e+00;  
  }  
  {  
    gain = 9.56885e-01;  
    offset = -4.50680e+00;  
  }  
  {  
    gain = 9.67210e-01;  
    offset = -4.60178e+00;  
  }  
  {  
    gain = 9.53646e-01;  
    offset = -4.63765e+00;  
  }  
  {  
    gain = 9.61386e-01;  
    offset = -4.54656e+00;  
  }  
  {  
    gain = 9.56319e-01;  
    offset = -4.65500e+00;  
  }  
  {  
    gain = 9.62225e-01;  
    offset = -4.63091e+00;  
  }  
  {  
    gain = 9.59158e-01;  
    offset = -4.67491e+00;  
  }  
  {  
    gain = 9.67177e-01;  
    offset = -4.75168e+00;  
  }  
  {  
    gain = 9.50911e-01;  
    offset = -4.53536e+00;  
  }  
  {  
    gain = 9.65400e-01;  
    offset = -4.62723e+00;  
  }  
  {  
    gain = 9.66849e-01;  
    offset = -4.75678e+00;  
  }  
  {  
    gain = 9.56621e-01;  
    offset = -4.72698e+00;  
  }  
  {  
    gain = 9.58939e-01;  
    offset = -4.73087e+00;
```

```

    }
    {
        gain = 9.62086e-01;
        offset = -4.59215e+00;
    }
    {
        gain = 9.55957e-01;
        offset = -4.79488e+00;
    }
    {
        gain = 9.59297e-01;
        offset = -4.67108e+00;
    }
    {
        gain = 9.52489e-01;
        offset = -4.56555e+00;
    }
    {
        gain = 9.52281e-01;
        offset = -4.47085e+00;
    }
    {
        gain = 9.66916e-01;
        offset = -4.64036e+00;
    }
    {
        gain = 9.57425e-01;
        offset = -4.62768e+00;
    }
    {
        gain = 9.66427e-01;
        offset = -4.68436e+00;
    }
    {
        gain = 9.59086e-01;
        offset = -4.50238e+00;
    }
    {
        gain = 9.66425e-01;
        offset = -4.73926e+00;
    }
    {
        gain = 9.54542e-01;
        offset = -4.60904e+00;
    }
    {
        gain = 9.68784e-01;
        offset = -4.80848e+00;
    }
    {
        gain = 9.57552e-01;
        offset = -4.71521e+00;
    }
]
[
    {
        gain = 1.00000e+00;
    }

```

[illegible]

[illegible]

[illegible]

[illegible]

```

        {
            gain = 1.00000e+00;
            offset = 0.00000e+00;
        }
        {
            gain = 1.00000e+00;
            offset = 0.00000e+00;
        }
        {
            gain = 1.00000e+00;
            offset = 0.00000e+00;
        }
        {
            gain = 1.00000e+00;
            offset = 0.00000e+00;
        }
        {
            gain = 1.00000e+00;
            offset = 0.00000e+00;
        }
        {
            gain = 1.00000e+00;
            offset = 0.00000e+00;
        }
        {
            gain = 1.00000e+00;
            offset = 0.00000e+00;
        }
    }
]
}
{
    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;
            }
        ]
    ]
}

```

[illegible]

```

    {
        gain = 9.43479e-01;
        offset = 3.66278e+00;
    }
    {
        gain = 9.57133e-01;
        offset = 2.30059e+00;
    }
    {
        gain = 9.33728e-01;
        offset = 4.64441e+00;
    }
    {
        gain = 9.33720e-01;
        offset = 4.57966e+00;
    }
    {
        gain = 9.17919e-01;
        offset = 6.05640e+00;
    }
    {
        gain = 9.65742e-01;
        offset = 1.04534e+00;
    }
    {
        gain = 9.14425e-01;
        offset = 6.36527e+00;
    }
    {
        gain = 8.98192e-01;
        offset = 7.99252e+00;
    }
]
[
    {
        gain = 9.43479e-01;
        offset = 3.66278e+00;
    }
    {
        gain = 9.57133e-01;
        offset = 2.30059e+00;
    }
    {
        gain = 9.33728e-01;
        offset = 4.64441e+00;
    }
    {
        gain = 9.33720e-01;
        offset = 4.57966e+00;
    }
    {
        gain = 9.17919e-01;
        offset = 6.05640e+00;
    }
    {
        gain = 9.65742e-01;
        offset = 1.04534e+00;
    }

```

```

    }
    {
        gain = 9.14425e-01;
        offset = 6.36527e+00;
    }
    {
        gain = 8.98192e-01;
        offset = 7.99252e+00;
    }
    ]
    ]
    }
    ]
    }
    }
}

```

```

=====
RadQa.input:
=====

```

```

{
    commonChildInputParams =
    {
        productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003017500003/Product_";
        reportName = "RadQa.report";
    }
    MeasureBandSaturation = TRUE;
    ImagePathname =
"/usr1/nlaps/RT/workorders/011011003017500003/Product__OPR_MsResampler.tif";
    MeasureDetectorStriping = TRUE;
    satellite = "LS7 ";
    sensor = "ETMP";
}

```

```

=====
RadQa.report:
=====

```

```

{
    ReportHeader =
    {
        ReportName = "RadiometricQA_Report";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "011011003017500003";
        StartTime = "Mon Oct 15 12:06:55 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 12;
            minute = 6;
            sec = 55;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Mon Oct 15 12:06:56 2001";
        CompletionTimeRecord =
        {

```

```

    year = 2001;
    month = 10;
    day = 15;
    hour = 12;
    minute = 6;
    sec = 56;
    usec = 0;
    time_system = 2;
}
CpuTime = 6.100000000000000e-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 = 4.409044138113217e-01;
      }
      {
        Band = 2L;
        BandStriping = 4.400025007844974e-01;
      }
      {
        Band = 3L;
        BandStriping = 8.445338556695943e-01;
      }
      {
        Band = 4L;
        BandStriping = 5.124832289518068e-01;
      }
      {
        Band = 5L;
        BandStriping = 4.173069428104990e-01;
      }
      {
        Band = 6L;
        BandStriping = 3.122390199181924e-01;
      }
      {
        Band = 7L;
        BandStriping = 3.813862698435995e-01;
      }
      {
        Band = 8L;
        BandStriping = 5.924465318036707e-01;
      }
      {
        Band = 9L;
        BandStriping = 5.581715853257756e-01;
      }
    ]
    ChipMeasurements =
    [
      {
        Band = 1L;
        Lines = 128L;
        PixelsPerLine = 128L;
        CentreLineAttr = 1.197599975585938e+03;
        CentrePixelAttr = 1.268000000000000e+03;
        Mean = 1.164878540039062e+02;
        StandardDeviation = 4.541519354000464e+01;
        ChipStriping = 6.498184688870381e-01;
      }
      {
        Band = 1L;

```

```

    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.394199951171875e+03;
    CentrePixelAttr = 2.535000000000000e+03;
    Mean = 6.748016357421875e+01;
    StandardDeviation = 3.488616537979984e+00;
    ChipStriping = 1.698103630515587e-01;
}
{
    Band = 1L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 3.590800048828125e+03;
    CentrePixelAttr = 3.802000244140625e+03;
    Mean = 7.673925781250000e+01;
    StandardDeviation = 6.736763231974905e+00;
    ChipStriping = 5.095112798793318e-01;
}
{
    Band = 1L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 4.787399902343750e+03;
    CentrePixelAttr = 5.069000000000000e+03;
    Mean = 8.460766601562500e+01;
    StandardDeviation = 6.356013649228735e+00;
    ChipStriping = 4.344775434273584e-01;
}
{
    Band = 2L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.197599975585938e+03;
    CentrePixelAttr = 1.268000000000000e+03;
    Mean = 9.631842041015625e+01;
    StandardDeviation = 3.710246106113135e+01;
    ChipStriping = 7.011548153339351e-01;
}
{
    Band = 2L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.394199951171875e+03;
    CentrePixelAttr = 2.535000000000000e+03;
    Mean = 5.277294921875000e+01;
    StandardDeviation = 5.534703679720478e+00;
    ChipStriping = 1.636126150372246e-01;
}
{
    Band = 2L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 3.590800048828125e+03;
    CentrePixelAttr = 3.802000244140625e+03;
    Mean = 6.616625976562500e+01;
    StandardDeviation = 6.161641964362028e+00;
    ChipStriping = 5.311563322211723e-01;
}

```

```

}
{
    Band = 2L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 4.787399902343750e+03;
    CentrePixelAttr = 5.069000000000000e+03;
    Mean = 7.591137695312500e+01;
    StandardDeviation = 5.836060912067020e+00;
    ChipStriping = 3.640862405456579e-01;
}
{
    Band = 3L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.197599975585938e+03;
    CentrePixelAttr = 1.268000000000000e+03;
    Mean = 8.282611083984375e+01;
    StandardDeviation = 2.643663207892768e+01;
    ChipStriping = 1.682228106564402e+00;
}
{
    Band = 3L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.394199951171875e+03;
    CentrePixelAttr = 2.535000000000000e+03;
    Mean = 5.216790771484375e+01;
    StandardDeviation = 9.078457588030645e+00;
    ChipStriping = 3.457013232872926e-01;
}
{
    Band = 3L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 3.590800048828125e+03;
    CentrePixelAttr = 3.802000244140625e+03;
    Mean = 7.878570556640625e+01;
    StandardDeviation = 6.887524635810460e+00;
    ChipStriping = 5.940716912531311e-01;
}
{
    Band = 3L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 4.787399902343750e+03;
    CentrePixelAttr = 5.069000000000000e+03;
    Mean = 8.673815917968750e+01;
    StandardDeviation = 1.155241238491178e+01;
    ChipStriping = 7.561343015735520e-01;
}
{
    Band = 4L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.197599975585938e+03;
    CentrePixelAttr = 1.268000000000000e+03;

```

```

Mean = 8.495019531250000e+01;
StandardDeviation = 6.606618536393077e+00;
ChipStriping = 7.048693050640703e-01;
}
{
Band = 4L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 2.394199951171875e+03;
CentrePixelAttr = 2.535000000000000e+03;
Mean = 6.135729980468750e+01;
StandardDeviation = 6.208711543153212e+00;
ChipStriping = 1.549354220422486e-01;
}
{
Band = 4L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 3.590800048828125e+03;
CentrePixelAttr = 3.802000244140625e+03;
Mean = 5.400115966796875e+01;
StandardDeviation = 1.943411659610866e+00;
ChipStriping = 2.299960846201716e-01;
}
{
Band = 4L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 4.787399902343750e+03;
CentrePixelAttr = 5.069000000000000e+03;
Mean = 7.584973144531250e+01;
StandardDeviation = 1.467155293638289e+01;
ChipStriping = 9.601321040807363e-01;
}
{
Band = 5L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 1.197599975585938e+03;
CentrePixelAttr = 1.268000000000000e+03;
Mean = 7.725640869140625e+01;
StandardDeviation = 7.202050412044358e+00;
ChipStriping = 5.608420784724588e-01;
}
{
Band = 5L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 2.394199951171875e+03;
CentrePixelAttr = 2.535000000000000e+03;
Mean = 6.510906982421875e+01;
StandardDeviation = 1.234612034706877e+01;
ChipStriping = 2.990322332496810e-01;
}
{
Band = 5L;
Lines = 128L;

```

```

    PixelsPerLine = 128L;
    CentreLineAttr = 3.590800048828125e+03;
    CentrePixelAttr = 3.802000244140625e+03;
    Mean = 1.102219238281250e+02;
    StandardDeviation = 3.244504601570990e+00;
    ChipStriping = 3.491300125321976e-01;
}
{
    Band = 5L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 4.787399902343750e+03;
    CentrePixelAttr = 5.069000000000000e+03;
    Mean = 1.146511230468750e+02;
    StandardDeviation = 8.873711851822268e+00;
    ChipStriping = 4.602234469876584e-01;
}
{
    Band = 6L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 5.992000122070312e+02;
    CentrePixelAttr = 6.344000244140625e+02;
    Mean = 1.266580200195312e+02;
    StandardDeviation = 1.910147566473322e+00;
    ChipStriping = 1.703989478695764e-01;
}
{
    Band = 6L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.197400024414062e+03;
    CentrePixelAttr = 1.267800048828125e+03;
    Mean = 1.349838256835938e+02;
    StandardDeviation = 2.866585930203812e+00;
    ChipStriping = 1.816187872076472e-01;
}
{
    Band = 6L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.795600097656250e+03;
    CentrePixelAttr = 1.901200073242188e+03;
    Mean = 1.582496948242188e+02;
    StandardDeviation = 2.679926897009826e+00;
    ChipStriping = 1.966336068843209e-01;
}
{
    Band = 6L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.393800048828125e+03;
    CentrePixelAttr = 2.534600097656250e+03;
    Mean = 1.584241943359375e+02;
    StandardDeviation = 1.112790069308485e+01;
    ChipStriping = 7.003047377112248e-01;
}

```

```

{
  Band = 7L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 1.197599975585938e+03;
  CentrePixelAttr = 1.268000000000000e+03;
  Mean = 4.812054443359375e+01;
  StandardDeviation = 8.530407241924797e+00;
  ChipStriping = 2.876413705349262e-01;
}
{
  Band = 7L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 2.394199951171875e+03;
  CentrePixelAttr = 2.535000000000000e+03;
  Mean = 4.020361328125000e+01;
  StandardDeviation = 1.021483006084393e+01;
  ChipStriping = 4.487166621891044e-01;
}
{
  Band = 7L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 3.590800048828125e+03;
  CentrePixelAttr = 3.802000244140625e+03;
  Mean = 8.065563964843750e+01;
  StandardDeviation = 2.948305847653262e+00;
  ChipStriping = 2.182525550543951e-01;
}
{
  Band = 7L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 4.787399902343750e+03;
  CentrePixelAttr = 5.069000000000000e+03;
  Mean = 8.547534179687500e+01;
  StandardDeviation = 8.820810197518457e+00;
  ChipStriping = 5.709344915959722e-01;
}
{
  Band = 8L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 2.394400146484375e+03;
  CentrePixelAttr = 2.536800048828125e+03;
  Mean = 1.300722045898438e+02;
  StandardDeviation = 3.219756948861648e+01;
  ChipStriping = 1.614130267995570e+00;
}
{
  Band = 8L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 4.787800292968750e+03;
  CentrePixelAttr = 5.072600097656250e+03;
  Mean = 4.937347412109375e+01;
}

```

```

StandardDeviation = 2.340402691620252e+00;
ChipStriping = 2.492738900957037e-01;
}
{
Band = 8L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 7.181200195312500e+03;
CentrePixelAttr = 7.608400390625000e+03;
Mean = 5.603283691406250e+01;
StandardDeviation = 3.705501307007268e+00;
ChipStriping = 3.010255629384259e-01;
}
{
Band = 8L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 9.574600585937500e+03;
CentrePixelAttr = 1.014420019531250e+04;
Mean = 6.379589843750000e+01;
StandardDeviation = 1.932738822205007e+00;
ChipStriping = 2.053564061849835e-01;
}
{
Band = 9L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 5.992000122070312e+02;
CentrePixelAttr = 6.344000244140625e+02;
Mean = 1.423379516601562e+02;
StandardDeviation = 3.443593571164100e+00;
ChipStriping = 3.035565726612381e-01;
}
{
Band = 9L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 1.197400024414062e+03;
CentrePixelAttr = 1.267800048828125e+03;
Mean = 1.573182373046875e+02;
StandardDeviation = 5.177459788659021e+00;
ChipStriping = 3.237688015669441e-01;
}
{
Band = 9L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 1.795600097656250e+03;
CentrePixelAttr = 1.901200073242188e+03;
Mean = 1.993714599609375e+02;
StandardDeviation = 4.836287710730998e+00;
ChipStriping = 3.353049233598441e-01;
}
{
Band = 9L;
Lines = 128L;
PixelsPerLine = 128L;

```

```

        CentreLineAttr = 2.393800048828125e+03;
        CentrePixelAttr = 2.534600097656250e+03;
        Mean = 1.995994873046875e+02;
        StandardDeviation = 2.006691894076795e+01;
        ChipStriping = 1.270056043715076e+00;
    }
}
]
}
Evaluation =
[
    {
        Band = 1L;
        StripingTolerance = 1.000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 2L;
        StripingTolerance = 1.000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 3L;
        StripingTolerance = 1.000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 4L;
        StripingTolerance = 1.000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 5L;
        StripingTolerance = 1.000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 6L;
        StripingTolerance = 1.000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 7L;
        StripingTolerance = 1.000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 8L;
        StripingTolerance = 1.000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 9L;
        StripingTolerance = 1.000000000000000e+00;
        BandPassed = TRUE;
    }
}
]
}

```

```

=====
BlacklineQa.input:
=====
{
  commonChildInputParams =
  {
    productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003017500003/Product_";
    reportName = "BlacklineQa.report";
  }
  ImagePathname =
"/usr1/nlaps/RT/workorders/011011003017500003/Product__OPR_MsResampler.tif";
}
=====
GeoQa.input:
=====
{
  commonChildInputParams =
  {
    inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500003/Input_";
    productSceneHandle =
"/usr1/nlaps/RT/workorders/011011003017500003/Product_";
    outputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500003/Output_";
    reportName = "GeoQa.report";
  }
  MeasureBandSaturation = TRUE;
  MeasureDetectorStriping = FALSE;
  EvaluationRequired = TRUE;
  ImagePathname =
"/usr1/nlaps/RT/workorders/011011003017500003/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 = "011011003017500003";
    StartTime = "Mon Oct 15 12:06:59 2001";
    StartTimeRecord =
    {
      year = 2001;
      month = 10;
      day = 15;
      hour = 12;
      minute = 6;
      sec = 59;
      usec = 0;
      time_system = 2;
    }
  }
}

```

```

CompletionTime = "Mon Oct 15 12:39:47 2001";
CompletionTimeRecord =
{
    year = 2001;
    month = 10;
    day = 15;
    hour = 12;
    minute = 39;
    sec = 47;
    usec = 0;
    time_system = 2;
}
CpuTime = 1.0830000000000000e+01;
}
NumQaControlPoints = 11L;
Mean =
{
    AlongTrack = 1.352682113647461e+00;
    AcrossTrack = -3.009815216064453e+00;
    Height = 0.0000000000000000e+00;
    Combined = 3.299808502197266e+00;
}
StandardDeviation =
{
    AlongTrack = 5.352807521820068e+00;
    AcrossTrack = 4.764559268951416e+00;
    Height = 0.0000000000000000e+00;
    Combined = 7.166140556335449e+00;
}
MeasuredAbsoluteError =
{
    AlongTrack = 5.521077632904053e+00;
    AcrossTrack = 5.635602474212646e+00;
    Height = 0.0000000000000000e+00;
    Combined = 7.889379978179932e+00;
}
MapAndDigitizationError = 8.790468035520096e+00;
MarkingError = 7.5000000000000000e+00;
AbsoluteProductAccuracy =
{
    AlongTrack = 0.0000000000000000e+00;
    AcrossTrack = 0.0000000000000000e+00;
    Height = 0.0000000000000000e+00;
    Combined = 0.0000000000000000e+00;
}
RelativeProductAccuracy =
{
    AlongTrack = 0.0000000000000000e+00;
    AcrossTrack = 0.0000000000000000e+00;
    Height = 0.0000000000000000e+00;
    Combined = 0.0000000000000000e+00;
}
Evaluation =
{
    AbsoluteTolerance = 1.5000000000000000e+01;
    RelativeTolerance = 1.5000000000000000e+01;
    PassedGeometricQa = TRUE;
}

```

```

}
ControlPointSummary =
[
{
  CpNumber = 8838L;
  CpKind = "SCP";
  AutoMarked = FALSE;
  MarkedImageCoordLine = 6.215203125000000e+03;
  MarkedImageCoordPixel = 4.122478515625000e+03;
  GeodeticLatitude = 4.675150813485875e+01;
  GeodeticLongitude = -1.202333786560664e+02;
  Height = 6.700000553214923e+02;
  EarthModelName = "NAD83";
  AlongTrackResidual = 7.344979955287242e+00;
  AcrossTrackResidual = -7.626515971973904e+00;
  HeightResidual = 0.000000000000000e+00;
  CombinedResidual = 1.058831792185824e+01;
}
{
  CpNumber = 8835L;
  CpKind = "RCP";
  AutoMarked = FALSE;
  MarkedImageCoordLine = 5.339833496093750e+03;
  MarkedImageCoordPixel = 1.254918823242188e+03;
  GeodeticLatitude = 4.698490996559413e+01;
  GeodeticLongitude = -1.213631702597715e+02;
  Height = 1.51590999748692e+03;
  EarthModelName = "NAD83";
  AlongTrackResidual = 9.568832279420115e-03;
  AcrossTrackResidual = -1.456704731161168e-03;
  HeightResidual = 0.000000000000000e+00;
  CombinedResidual = 9.679077428425690e-03;
}
{
  CpNumber = 8715L;
  CpKind = "RCP";
  AutoMarked = TRUE;
  MarkedImageCoordLine = 1.229615625000000e+04;
  MarkedImageCoordPixel = 1.146268750000000e+04;
  GeodeticLatitude = 4.676641752245986e+01;
  GeodeticLongitude = -1.196013131589889e+02;
  Height = 2.895599995143712e+02;
  EarthModelName = "NAD83";
  AlongTrackResidual = 4.768986716660395e-01;
  AcrossTrackResidual = -3.186046273496046e+00;
  HeightResidual = 0.000000000000000e+00;
  CombinedResidual = 3.221540501048353e+00;
}
{
  CpNumber = 24091L;
  CpKind = "RCP";
  AutoMarked = FALSE;
  MarkedImageCoordLine = 2.689039306640625e+03;
  MarkedImageCoordPixel = 5.161230957031250e+03;
  GeodeticLatitude = 4.770145827284267e+01;
  GeodeticLongitude = -1.198134233719189e+02;
  Height = 7.666179998610169e+02;
}

```

```

EarthModelName = "NAD83";
AlongTrackResidual = -7.645269636148225e+00;
AcrossTrackResidual = -7.337863063288144e+00;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 1.059690436613346e+01;
}
{
CpNumber = 24088L;
CpKind = "RCP";
AutoMarked = FALSE;
MarkedImageCoordLine = 2.708544677734375e+03;
MarkedImageCoordPixel = 6.933125488281250e+03;
GeodeticLatitude = 4.768990388279746e+01;
GeodeticLongitude = -1.191055949153021e+02;
Height = 5.799999998938292e+02;
EarthModelName = "NAD83";
AlongTrackResidual = -7.501053987457350e+00;
AcrossTrackResidual = 1.557378371483895e-01;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 7.502670537659872e+00;
}
{
CpNumber = 8445L;
CpKind = "RCP";
AutoMarked = FALSE;
MarkedImageCoordLine = 4.540775390625000e+03;
MarkedImageCoordPixel = 2.753922851562500e+03;
GeodeticLatitude = 4.720337591835202e+01;
GeodeticLongitude = -1.207730367297347e+02;
Height = 5.986579998955131e+02;
EarthModelName = "NAD83";
AlongTrackResidual = 7.496006976994869e+00;
AcrossTrackResidual = -7.488444857301813e+00;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 1.059560885367168e+01;
}
{
CpNumber = 8430L;
CpKind = "RCP";
AutoMarked = FALSE;
MarkedImageCoordLine = 4.270899902343750e+03;
MarkedImageCoordPixel = 4.946447753906250e+03;
GeodeticLatitude = 4.727499258987206e+01;
GeodeticLongitude = -1.199040777524965e+02;
Height = 4.571999992262572e+02;
EarthModelName = "NAD83";
AlongTrackResidual = 7.339751528697969e+00;
AcrossTrackResidual = -7.646343118981268e+00;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 1.059898653627866e+01;
}
{
CpNumber = 8381L;
CpKind = "RCP";
AutoMarked = FALSE;
MarkedImageCoordLine = 1.632146850585938e+03;
MarkedImageCoordPixel = 2.398187011718750e+03;

```

```

GeodeticLatitude = 4.798772476255392e+01;
GeodeticLongitude = -1.209201238376241e+02;
Height = 1.778779999663122e+03;
EarthModelName = "NAD83";
AlongTrackResidual = 7.505314244459796e+00;
AcrossTrackResidual = 8.647791659003756e-03;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 7.505319226548042e+00;
}
{
  CpNumber = 8223L;
  CpKind = "RCP";
  AutoMarked = FALSE;
  MarkedImageCoordLine = 6.576764526367188e+02;
  MarkedImageCoordPixel = 2.666678710937500e+03;
  GeodeticLatitude = 4.825096636950563e+01;
  GeodeticLongitude = -1.208137749045918e+02;
  Height = 1.953767997030169e+03;
  EarthModelName = "NAD83";
  AlongTrackResidual = 1.068253969243670e-03;
  AcrossTrackResidual = 4.874531455244644e-03;
  HeightResidual = 0.000000000000000e+00;
  CombinedResidual = 4.990212766102696e-03;
}
{
  CpNumber = 8210L;
  CpKind = "RCP";
  AutoMarked = FALSE;
  MarkedImageCoordLine = 1.583027099609375e+03;
  MarkedImageCoordPixel = 5.541740722656250e+03;
  GeodeticLatitude = 4.799878134443903e+01;
  GeodeticLongitude = -1.196568455392245e+02;
  Height = 2.621279995534569e+02;
  EarthModelName = "NAD83";
  AlongTrackResidual = -1.974815952988429e-03;
  AcrossTrackResidual = 7.509171034326089e+00;
  HeightResidual = 0.000000000000000e+00;
  CombinedResidual = 7.509171294001755e+00;
}
{
  CpNumber = 8197L;
  CpKind = "RCP";
  AutoMarked = FALSE;
  MarkedImageCoordLine = 1.657841674804688e+03;
  MarkedImageCoordPixel = 7.178811523437500e+03;
  GeodeticLatitude = 4.797201265386680e+01;
  GeodeticLongitude = -1.189993776980970e+02;
  Height = 5.279135990990326e+02;
  EarthModelName = "NAD83";
  AlongTrackResidual = -1.457873446361175e-01;
  AcrossTrackResidual = -7.499727296211782e+00;
  HeightResidual = 0.000000000000000e+00;
  CombinedResidual = 7.501144143888994e+00;
}
]
}
=====

```

ProductFormatting_0.input:

[illegible]

```

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

```

```

        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 1;
        endLine = 2992;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 12672;
        startLine = 1;
        endLine = 11968;
    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 1;
        endLine = 2992;
    }
    ]
}
quadrant = 5;
path = 45;
row = 27;
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 ?=
"/diskIngest2/temp/01101100301750003/L72EDC190023018010_HDF.012851656";
    }
}
=====
ProductFormatting_0.output:
=====
{
    ReportHeader =
    {
        ReportName = "ProductFormattingReport";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "01101100301750003";
        StartTime = "Mon Oct 15 12:39:49 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 12;
            minute = 39;
            sec = 49;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Mon Oct 15 12:40:29 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 12;
            minute = 40;
            sec = 29;
            usec = 0;
            time_system = 2;
        }
        CpuTime = 1.7690000000000000e+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 = 17;
    hour = 18;
    minute = 40;
    sec = 32;
    usec = 298985;
    time_system = 2;
}
SceneStartDateTime =
{
    year = 2000;
    month = 8;
    day = 17;
    hour = 18;
    minute = 40;
    sec = 18;
    usec = 818869;
    time_system = 2;
}
SceneEndDateTime =
{
    year = 2000;
    month = 8;
    day = 17;
    hour = 18;
    minute = 40;
    sec = 45;
    usec = 658368;
    time_system = 2;
}
SceneCentreLatLong =
{
    Latitude = 4.745161177981172e+01;
    Longitude = -1.203568585818603e+02;
}
TopLeftLatLong =
{
    Latitude = 4.842027149982870e+01;
    Longitude = -1.218948207935399e+02;
}
TopRightLatLong =
{
    Latitude = 4.841648121569123e+01;
    Longitude = -1.188136823192201e+02;
}
BottomLeftLatLong =
{

```

```

    Latitude = 4.646657731137075e+01;
    Longitude = -1.218448004310055e+02;
}
BottomRightLatLong =
{
    Latitude = 4.646291979857495e+01;
    Longitude = -1.188741506856445e+02;
}
TopLeftMap =
{
    Northing = 3.440999999983655e+05;
    Easting = 3.96719999999707e+05;
}
TopRightMap =
{
    Northing = 3.440999999983665e+05;
    Easting = 6.248700000000343e+05;
}
BottomLeftMap =
{
    Northing = 1.26839999999916e+05;
    Easting = 3.967200000000002e+05;
}
BottomRightMap =
{
    Northing = 1.26839999999935e+05;
    Easting = 6.248700000000005e+05;
}
ImageLines = 7243L;
ImagePixels = 7606L;
ImageOrientation = 0.000000000000000e+00;
OffNadirAngle = 5.837716253455665e-02;
SunElevation = 5.154598059566072e+01;
SunAzimuth = 1.455028054033989e+02;
NumberOfVolumes = 1;
MediaIdList =
[
    "";
]
OrbitNumber = 87566;
StartFileNumber = 1;
NumberOfFiles = 13;
ProductSize = 5.516601362228394e+02;
SatelliteData =
[
    {
        Time =
        {
            year = 2000L;
            month = 8L;
            day = 17L;
            hour = 18L;
            minute = 40L;
            sec = 18L;
            usec = 818869L;
            time_system = 2L;
        }
    }
]

```

```

OrbitState =
{
    Latitude = 4.805976107092808e+01;
    Longitude = -1.200368587748967e+02;
    Radius = 7.075618524649467e+06;
}
AttitudeState =
{
    Roll = -2.510025475712814e-04;
    Pitch = 4.195673000461132e-06;
    Yaw = 2.054628142668628e-04;
}
}
{
    Time =
    {
        year = 2000L;
        month = 8L;
        day = 17L;
        hour = 18L;
        minute = 40L;
        sec = 32L;
        usec = 298985L;
        time_system = 2L;
    }
    OrbitState =
    {
        Latitude = 4.725887077499147e+01;
        Longitude = -1.203502142435077e+02;
        Radius = 7.075737498453758e+06;
    }
    AttitudeState =
    {
        Roll = -2.680197398795012e-04;
        Pitch = -3.039136781692616e-05;
        Yaw = 2.125695759861945e-04;
    }
}
{
    Time =
    {
        year = 2000L;
        month = 8L;
        day = 17L;
        hour = 18L;
        minute = 40L;
        sec = 45L;
        usec = 658368L;
        time_system = 2L;
    }
    OrbitState =
    {
        Latitude = 4.646461488225256e+01;
        Longitude = -1.206531938662522e+02;
        Radius = 7.075856761967259e+06;
    }
    AttitudeState =

```

```

        {
            Roll = -1.324042007851456e-04;
            Pitch = -1.196720856891677e-05;
            Yaw = 2.074628955890783e-04;
        }
    }
]
procImageryFileInfo =
[
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500003/011011003017500003I.hdr1";
        procImageryFileSize = 1982L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500003/011011003017500003_I1.dat";
        procImageryFileSize = 220361032L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500003/011011003017500003I.hdr2";
        procImageryFileSize = 2708L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500003/011011003017500003_I2.dat";
        procImageryFileSize = 55090258L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500003/011011003017500003_I3.dat";
        procImageryFileSize = 55090258L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500003/011011003017500003_I4.dat";
        procImageryFileSize = 55090258L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500003/011011003017500003_I5.dat";
        procImageryFileSize = 55090258L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500003/011011003017500003_I6.dat";
        procImageryFileSize = 55090258L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500003/011011003017500003_I7.dat";
        procImageryFileSize = 55090258L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500003/011011003017500003I.hdr3";
    }
]

```

```

        procImageryFileSize = 2126L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500003/011011003017500003_I8.dat";
        procImageryFileSize = 13770663L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500003/011011003017500003_I9.dat";
        procImageryFileSize = 13770663L;
    }
    {
        procImageryFilename =
"/usr1/nlaps/RT/workorders/011011003017500003/L71045027_02720000817_MTL.txt";
        procImageryFileSize = 6857L;
    }
}
]
}

```

```

=====
Browse.input:
=====

```

```

{
    commonChildInputParams =
    {
        inputSceneHandle = "/usr1/nlaps/RT/workorders/011011003017500003/Input_";
        reportName = "Browse.report";
    }
    inputImageFileName =
"/usr1/nlaps/RT/workorders/011011003017500003/Product__OPR_MsResampler.tif";
    metaDataFormatType = 2;
    produceBrowseImages = FALSE;
    productDropBoxDirectory = "/usr1/nlaps/RT/workorders/011011003017500003";
    productRelativeImageLocation = "./011011003017500003_";
    productRelativeMetaDataLocation = "./011011003017500003_";
    archiveFiles = FALSE;
    destinationLocation =
    {
        dropBoxDirectory = "/usr1/nlaps/RT/workorders/011011003017500003";
        relativeBrowseImageLocation = "011011003017500003_Browse.35548939.tif";
        relativeBrowseMetaDataLocation = "PGS__011011003017500003.35548939__";
    }
    decimationRecord =
    {
        decimationType = 4;
        maxWidth = 512;
        maxHeight = 512;
        decimation = 2.5000000000000000e-01;
    }
    workOrderPriority = 7.0000000000000000e+00F;
    correctionLevel = "Precision Geocorrection";
    productOrientation = 1;
    path = 45;
    row = 27;
    productSceneShift ?= 0.0000000000000000e+00F;
    productInfo =
    {

```

```

    productInputDataSet =
"/diskIngest2/temp/01101100301750003/L72EDC190023018010_HDF.012851656";
    productOutputDataSet = "";
    productGenerationTime = "Mon Oct 15 12:40:29 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 = "01101100301750003";
        StartTime = "Mon Oct 15 12:40:31 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 12;
            minute = 40;
            sec = 31;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Mon Oct 15 12:40:32 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 10;
            day = 15;
            hour = 12;
            minute = 40;
            sec = 32;
            usec = 0;
            time_system = 2;
        }
    }
}

```

```

    CpuTime = 5.400000000000000e-01;
}
}
=====
Browse.output:
=====
{
    browseImageFileName = "011011003017500003_BrowseImage.tif";
    browseMetadataFileName = "011011003017500003_BrowseMeta.data";
    allocationId = 0L;
}
=====
ArchiveRadCorr.input:
=====
{
    sceneHandle = "/usr1/nlaps/RT/workorders/011011003017500003/Product_";
    inputFormat = 26;
}
=====
GetProcHistResource.input:
=====
{
    files =
    [
        {
            fileName =
"/usr1/nlaps/RT/workorders/011011003017500003/011011003017500003.his";
            fileSize = 100000L;
        }
        {
            fileName =
"/usr1/nlaps/RT/workorders/011011003017500003/011011003017500003.rpt";
            fileSize = 100000L;
        }
    ]
}
=====
/usr1/nlaps/RT/log/011011003017500003.log:
=====
<created: 15-10-2001 08:05:53>
15-10-2001 08:05:53 Info DDWOE_WoEditor MAIN:0009
MAIN_MainCommon.cc:00484
    Process DDWOE_WoEditor, PID 35329111@edcs22, started at 15-10-2001
08:05:53

15-10-2001 08:07:09 Info DDWOE_WoEditor MAIN:0010
MAIN_MainCommon.cc:00528
    Process DDWOE_WoEditor, PID 35329111@edcs22, stopped at 15-10-2001
08:07:09

15-10-2001 08:35:07 Info DDWOE_WoEditor MAIN:0009
MAIN_MainCommon.cc:00484
    Process DDWOE_WoEditor, PID 34770611@edcs22, started at 15-10-2001
08:35:07

```

15-10-2001 08:36:29 Info DDWOE_WoEditor MAIN:0010
MAIN_MainCommon.cc:00528
Process DDWOE_WoEditor, PID 34770611@edcs22, stopped at 15-10-2001
08:36:29

15-10-2001 09:10:46 Info WOLV_Application MAIN:0009
MAIN_MainCommon.cc:00484
Process WOLV_Application, PID 34980006@edcs22, started at 15-10-2001
09:10:46

15-10-2001 09:10:53 Info DDWOE_WoEditor MAIN:0009
MAIN_MainCommon.cc:00484
Process DDWOE_WoEditor, PID 35987065@edcs22, started at 15-10-2001
09:10:53

15-10-2001 09:10:54 Info WOLV_Application MAIN:0010
MAIN_MainCommon.cc:00528
Process WOLV_Application, PID 34980006@edcs22, stopped at 15-10-2001
09:10:54

15-10-2001 09:12:49 Info PPGSOCP_Application WCU:0000
WCU_WriteMessageToWo:00073
Work order was edited by operator yunag.

15-10-2001 09:12:49 Info DDWOE_WoEditor MAIN:0009
MAIN_MainCommon.cc:00484
Process DDWOE_WoEditor, PID 34956365@edcs22, started at 15-10-2001
09:12:49

15-10-2001 09:12:56 Info DDWOE_WoEditor MAIN:0010
MAIN_MainCommon.cc:00528
Process DDWOE_WoEditor, PID 35987065@edcs22, stopped at 15-10-2001
09:12:56

15-10-2001 09:14:21 Info DDWOE_WoEditor MAIN:0010
MAIN_MainCommon.cc:00528
Process DDWOE_WoEditor, PID 34956365@edcs22, stopped at 15-10-2001
09:14:21

15-10-2001 09:14:34 Info PPGSOCP_Application WCU:0000
WCU_WriteMessageToWo:00073
Work order was started by operator yunag.

15-10-2001 09:14:37 Info SCON_EvmController MAIN:0009
MAIN_MainCommon.cc:00484
Process SCON_EvmController, PID 35548939@edcs22, started at 15-10-2001
09:14:37

15-10-2001 09:14:37 Info WOSV_WoManagerServer WOSV:0103
WCU_WriteMessageToWo:00106
Workorder started.

15-10-2001 09:14:37 Info WOSV_WoManagerServer WCU:0000
WCU_WriteMessageToWo:00073
Workorder is executing on host localhost.

15-10-2001 09:14:40 Info ACQ_InitializeAcqModel MAIN:0009
MAIN_MainCommon.cc:00484
Process ACQ_InitializeAcqModel, PID 36413943@edcs22, started at 15-10-2001 09:14:40

15-10-2001 09:14:40 Warning ACQ_InitializeAcqModel TIM:0011
TIM_TimeModel.cc:00462
Using Predicted value of UT1 for 2000 8 17

15-10-2001 09:14:40 Warning ACQ_InitializeAcqModel TIM:0011
TIM_TimeModel.cc:00563
Using Predicted value of UT1 for 2000 8 18

15-10-2001 09:14:41 Warning ACQ_InitializeAcqModel EAR:0031
EAR_PoleWander.cc:00417
Using predicted, not measured pole wander data for 17-AUG-00.

15-10-2001 09:14:41 Warning ACQ_InitializeAcqModel EAR:0031
EAR_PoleWander.cc:00417
Using predicted, not measured pole wander data for 18-AUG-00.

15-10-2001 09:14:42 Info ACQ_InitializeAcqModel MAIN:0010
MAIN_MainCommon.cc:00528
Process ACQ_InitializeAcqModel, PID 36413943@edcs22, stopped at 15-10-2001 09:14:42

15-10-2001 09:14:43 Info LZR_Main MAIN:0009
MAIN_MainCommon.cc:00484
Process LZR_Main, PID 35454949@edcs22, started at 15-10-2001 09:14:43

15-10-2001 09:16:07 Info LZR_Main EPHI:0029
EPHI_EtmpEphemeris.c:00393
The ephemeris file /usr1/nlaps/RT/ephemeris/etmp/L72000231DEFEPH.S00 was used for processing.

15-10-2001 09:17:08 Info LZR_Main MAIN:0010
MAIN_MainCommon.cc:00528
Process LZR_Main, PID 35454949@edcs22, stopped at 15-10-2001 09:17:08

15-10-2001 09:17:09 Info DEM_Init MAIN:0009
MAIN_MainCommon.cc:00484
Process DEM_Init, PID 35398454@edcs22, started at 15-10-2001 09:17:09

15-10-2001 09:17:10 Info DEM_Init MAIN:0010
MAIN_MainCommon.cc:00528
Process DEM_Init, PID 35398454@edcs22, stopped at 15-10-2001 09:17:10

15-10-2001 09:17:10 Info PSM_ModelRefinement MAIN:0009
MAIN_MainCommon.cc:00484
Process PSM_ModelRefinement, PID 36251645@edcs22, started at 15-10-2001 09:17:10

15-10-2001 09:55:48 Info MDR_Application MAIN:0009
MAIN_MainCommon.cc:00484
Process MDR_Application, PID 36495053@edcs22, started at 15-10-2001 09:55:48

15-10-2001 09:55:48 Info MDR_Application MAIN:0015
MAIN_MainCommon.cc:00496
Process MDR_Application, Started by yunag

15-10-2001 09:56:05 Info MDR_Application MAIN:0010
MAIN_MainCommon.cc:00528
Process MDR_Application, PID 36495053@edcs22, stopped at 15-10-2001 09:56:05

15-10-2001 09:56:05 Info MDR_Application MAIN:0016
MAIN_MainCommon.cc:00540
Process MDR_Application, Stopped by yunag

15-10-2001 10:16:34 Info MDR_Application MAIN:0009
MAIN_MainCommon.cc:00484
Process MDR_Application, PID 36191717@edcs22, started at 15-10-2001 10:16:34

15-10-2001 10:16:34 Info MDR_Application MAIN:0015
MAIN_MainCommon.cc:00496
Process MDR_Application, Started by driscoll

15-10-2001 11:52:49 Info MDR_Application WCU:0000
WCU_WriteMessageToWo:00073
Work Order 011011003017500003 - manual marking was accepted by Operator driscoll

15-10-2001 11:52:53 Info MDR_Application MAIN:0010
MAIN_MainCommon.cc:00528
Process MDR_Application, PID 36191717@edcs22, stopped at 15-10-2001
11:52:53

15-10-2001 11:52:53 Info MDR_Application MAIN:0016
MAIN_MainCommon.cc:00540
Process MDR_Application, Stopped by driscoll

15-10-2001 11:52:53 Info PSM_ModelRefinement MAIN:0010
MAIN_MainCommon.cc:00528
Process PSM_ModelRefinement, PID 36251645@edcs22, stopped at 15-10-2001
11:52:53

15-10-2001 11:52:55 Info PDD_DefineGenericProduct MAIN:0009
MAIN_MainCommon.cc:00484
Process PDD_DefineGenericProduct, PID 35968016@edcs22, started at 15-10-
2001 11:52:55

15-10-2001 11:52:57 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

15-10-2001 11:52:57 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

15-10-2001 11:52:58 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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ACQ_AcquisitionModel:01074
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ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

15-10-2001 11:52:59 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

15-10-2001 11:52:59 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

15-10-2001 11:53:00 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

15-10-2001 11:53:02 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

15-10-2001 11:53:02 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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ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

15-10-2001 11:53:03 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

15-10-2001 11:53:03 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

15-10-2001 11:53:03 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

15-10-2001 11:53:05 Info PDD_DefineGenericProduct MAIN:0010
MAIN_MainCommon.cc:00528
Process PDD_DefineGenericProduct, PID 35968016@edcs22, stopped at 15-10-2001 11:53:05

15-10-2001 11:53:06 Info DEMI_IngestControl MAIN:0009
MAIN_MainCommon.cc:00484
Process DEMI_IngestControl, PID 36518972@edcs22, started at 15-10-2001
11:53:06

15-10-2001 11:53:46 Info DEMI_IngestControl MAIN:0010
MAIN_MainCommon.cc:00528
Process DEMI_IngestControl, PID 36518972@edcs22, stopped at 15-10-2001
11:53:46

15-10-2001 11:53:48 Info OPR_WarpResampler MAIN:0009
MAIN_MainCommon.cc:00484
Process OPR_WarpResampler, PID 36128398@edcs22, started at 15-10-2001
11:53:48

15-10-2001 11:54:16 Info OPR_WarpResampler MAIN:0010
MAIN_MainCommon.cc:00528
Process OPR_WarpResampler, PID 36128398@edcs22, stopped at 15-10-2001
11:54:16

15-10-2001 11:54:19 Info OPR_MsResampler MAIN:0009
MAIN_MainCommon.cc:00484
Process OPR_MsResampler, PID 36375974@edcs22, started at 15-10-2001
11:54:19

15-10-2001 12:06:54 Info OPR_MsResampler MAIN:0010
MAIN_MainCommon.cc:00528
Process OPR_MsResampler, PID 36375974@edcs22, stopped at 15-10-2001
12:06:54

15-10-2001 12:06:55 Info RQA_PerformRadiometricQA MAIN:0009
MAIN_MainCommon.cc:00484
Process RQA_PerformRadiometricQA, PID 35072049@edcs22, started at 15-10-
2001 12:06:55

15-10-2001 12:06:56 Info RQA_PerformRadiometricQA MAIN:0010
MAIN_MainCommon.cc:00528
Process RQA_PerformRadiometricQA, PID 35072049@edcs22, stopped at 15-10-
2001 12:06:56

15-10-2001 12:06:57 Info BQA_BlackfillQa MAIN:0009
MAIN_MainCommon.cc:00484
Process BQA_BlackfillQa, PID 34942933@edcs22, started at 15-10-2001
12:06:57

15-10-2001 12:06:57 Info BQA_BlackfillQa MAIN:0010
MAIN_MainCommon.cc:00528

Process BQA_BlackfillQa, PID 34942933@edcs22, stopped at 15-10-2001 12:06:57

15-10-2001 12:06:59 Info GQA_PerformGeometricQA MAIN:0009
MAIN_MainCommon.cc:00484

Process GQA_PerformGeometricQA, PID 36162853@edcs22, started at 15-10-2001 12:06:59

15-10-2001 12:09:06 Info VAL_Application MAIN:0009
MAIN_MainCommon.cc:00484

Process VAL_Application, PID 36243742@edcs22, started at 15-10-2001 12:09:06

15-10-2001 12:09:06 Info VAL_Application MAIN:0015
MAIN_MainCommon.cc:00496

Process VAL_Application, Started by driscoll

15-10-2001 12:39:47 Info VAL_Application WCU:0000
WCU_WriteMessageToWo:00073

Work Order 011011003017500003 - manual marking was accepted by Operator driscoll

15-10-2001 12:39:48 Info GQA_PerformGeometricQA MAIN:0010
MAIN_MainCommon.cc:00528

Process GQA_PerformGeometricQA, PID 36162853@edcs22, stopped at 15-10-2001 12:39:48

15-10-2001 12:39:50 Info TOXNF_MakeProduct MAIN:0009
MAIN_MainCommon.cc:00484

Process TOXNF_MakeProduct, PID 35868836@edcs22, started at 15-10-2001 12:39:50

15-10-2001 12:39:50 Info VAL_Application MAIN:0010
MAIN_MainCommon.cc:00528

Process VAL_Application, PID 36243742@edcs22, stopped at 15-10-2001 12:39:50

15-10-2001 12:39:50 Info VAL_Application MAIN:0016
MAIN_MainCommon.cc:00540

Process VAL_Application, Stopped by driscoll

15-10-2001 12:40:29 Info TOXNF_MakeProduct MAIN:0010
MAIN_MainCommon.cc:00528

Process TOXNF_MakeProduct, PID 35868836@edcs22, stopped at 15-10-2001 12:40:29

15-10-2001 12:40:31 Info BIM_OpticalBrowse MAIN:0009
MAIN_MainCommon.cc:00484
Process BIM_OpticalBrowse, PID 35375608@edcs22, started at 15-10-2001
12:40:31

15-10-2001 12:40:32 Info BIM_OpticalBrowse MAIN:0010
MAIN_MainCommon.cc:00528
Process BIM_OpticalBrowse, PID 35375608@edcs22, stopped at 15-10-2001
12:40:32

15-10-2001 12:40:35 Info RDC_ArchiveReport MAIN:0009
MAIN_MainCommon.cc:00484
Process RDC_ArchiveReport, PID 35462789@edcs22, started at 15-10-2001
12:40:35

15-10-2001 12:40:35 Info RDC_ArchiveReport MAIN:0010
MAIN_MainCommon.cc:00528
Process RDC_ArchiveReport, PID 35462789@edcs22, stopped at 15-10-2001
12:40:35

15-10-2001 12:40:36 Info RMAN_GetDiskResource MAIN:0009
MAIN_MainCommon.cc:00484
Process RMAN_GetDiskResource, PID 35674508@edcs22, started at 15-10-2001
12:40:36

15-10-2001 12:40:37 Info RMAN_GetDiskResource MAIN:0010
MAIN_MainCommon.cc:00528
Process RMAN_GetDiskResource, PID 35674508@edcs22, stopped at 15-10-2001
12:40:37