

```
=====
                        lld210820008100001  PROCESSING HISTORY
=====
```

```
=====
/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/productorders/lld210820008100001.po:
=====
```

```
{
  InputParams =
  {
    satellite = "Landsat-7";
    sensor = "ETM+";
    AOS_time = "2000 07 07 18:47:13";
    inputDatasetId =
"/diskIngest1/temp/011010820008100001/L71EDC180018918010_HDF.012321750";
    inputMediaType = "Disk";
    inputDataFormat = "L0Rp";
  }
  ControlParams =
  {
    type = "Correction";
    orderId = "lld210820008100001";
    priority = 3L;
    comment = "CUSTOMER IS SUPPLYING DEM FOR TERRAIN CORRECTION.  DEM WAS NOT
USED IN PREVIOUS ORDER (0110106250131)";
    specialInstructions = "LEANN - CUSTOMER IS SUPPLYING OWN DEM";
  }
  Inspection =
  {
    viewInput = FALSE;
    viewOutput = FALSE;
    geometricQA = TRUE;
  }
  OutputProductParams =
  {
    productFormat = "NDF";
    bandSelection = "123456789";
    distributionMediaType = "Disk";
  }
  iccHeader =
  {
    messageType = "PGS_ORDER";
    originator = "DORRAN";
    originatorAddress = "edcsgs11.cr.usgs.gov";
    recipient = "PGS";
    creationTime = 998884248L;
    messageId =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/icc/incoming/target/DORRAN_PGS_wash_n
df_washdem.PGS_ORDER";
    monitorId = "0_32640416";
  }
  CorrectionParams =
  {
    correctionLevel = "Precision Geocorrection";
    productOrientation = "Map North";
    forceManualMarking = TRUE;
  }
}
```

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createSCPs = FALSE;
mapParams =
{
  name = "SPCS";
  projectionCode = 2L;
  projectionParams =
  [
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
    0.0000000000000000e+00;
  ]
  zoneNumber = 4602L;
}
earthEllipsoid = "NAD83";
resamplingKernel = "CC";
productFramingMethod = "Path Row";
path = 46L;
row = 2.7000000000000000e+01;
lineSpacing = 3.0000000000000000e+01;
pixelSpacing = 3.0000000000000000e+01;
scanGapCorrection = TRUE;
etm+PanAtDoubleResolution = TRUE;
etm+ThermalAtHalfResolution = TRUE;
radiometricCorrection =
{
  method = "NASA";
  despiking = FALSE;
}
elevationCorrection = "Fine DEM";
demInfo =
[
  {
    format = "LAS";
    mediaType = "Disk";
    mediaId = "/dem_data/DEM/washingtonDem";
    fileName = "washington_elev";
  }
]
mapInfo =
[
  {
    name = "ANDERSON LAKE";
    state = "WA";
    centerLatitude = 4.6687500000000000e+01;
    centerLongitude = -1.2206250000000000e+02;
  }
]

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    scale = "24000";
}
{
    name = "BANDERA";
    state = "WA";
    centerLatitude = 4.743750000000000e+01;
    centerLongitude = -1.215625000000000e+02;
    scale = "24000";
}
{
    name = "BENCHMARK MOUNTAIN";
    state = "WA";
    centerLatitude = 4.793750000000000e+01;
    centerLongitude = -1.211875000000000e+02;
    scale = "24000";
}
{
    name = "BLACK DIAMOND";
    state = "WA";
    centerLatitude = 4.731250000000000e+01;
    centerLongitude = -1.220625000000000e+02;
    scale = "24000";
}
{
    name = "BREMERTON EAST";
    state = "WA";
    centerLatitude = 4.756250000000000e+01;
    centerLongitude = -1.225625000000000e+02;
    scale = "24000";
}
{
    name = "BUCODA";
    state = "WA";
    centerLatitude = 4.681250000000000e+01;
    centerLongitude = -1.228125000000000e+02;
    scale = "24000";
}
{
    name = "CAPTAIN POINT";
    state = "WA";
    centerLatitude = 4.781250000000000e+01;
    centerLongitude = -1.211875000000000e+02;
    scale = "24000";
}
{
    name = "CHESTER MORSE LAKE";
    state = "WA";
    centerLatitude = 4.743750000000000e+01;
    centerLongitude = -1.216875000000000e+02;
    scale = "24000";
}
{
    name = "CLARK MOUNTAIN";
    state = "WA";
    centerLatitude = 4.806250000000000e+01;
    centerLongitude = -1.209375000000000e+02;
    scale = "24000";
}

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}
{
  name = "CONWAY";
  state = "WA";
  centerLatitude = 4.831250000000000e+01;
  centerLongitude = -1.223125000000000e+02;
  scale = "24000";
}
{
  name = "CUMBERLAND";
  state = "WA";
  centerLatitude = 4.731250000000000e+01;
  centerLongitude = -1.219375000000000e+02;
  scale = "24000";
}
{
  name = "DUWAMISH HEAD";
  state = "WA";
  centerLatitude = 4.756250000000000e+01;
  centerLongitude = -1.224375000000000e+02;
  scale = "24000";
}
{
  name = "EDMONDS EAST";
  state = "WA";
  centerLatitude = 4.781250000000000e+01;
  centerLongitude = -1.223125000000000e+02;
  scale = "24000";
}
{
  name = "ENUMCLAW";
  state = "WA";
  centerLatitude = 4.718750000000000e+01;
  centerLongitude = -1.219375000000000e+02;
  scale = "24000";
}
{
  name = "FORT LEWIS";
  state = "WA";
  centerLatitude = 4.706250000000000e+01;
  centerLongitude = -1.225625000000000e+02;
  scale = "24000";
}
{
  name = "FROST MOUNTAIN";
  state = "WA";
  centerLatitude = 4.706250000000000e+01;
  centerLongitude = -1.209375000000000e+02;
  scale = "24000";
}
{
  name = "GOLD BAR";
  state = "WA";
  centerLatitude = 4.781250000000000e+01;
  centerLongitude = -1.216875000000000e+02;
  scale = "24000";
}
}

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{
  name = "GROTTO";
  state = "WA";
  centerLatitude = 4.768750000000000e+01;
  centerLongitude = -1.214375000000000e+02;
  scale = "24000";
}
{
  name = "HOLLY";
  state = "WA";
  centerLatitude = 4.756250000000000e+01;
  centerLongitude = -1.229375000000000e+02;
  scale = "24000";
}
{
  name = "JACK RIDGE";
  state = "WA";
  centerLatitude = 4.756250000000000e+01;
  centerLongitude = -1.209375000000000e+02;
  scale = "24000";
}
{
  name = "LABYRINTH MOUNTAIN";
  state = "WA";
  centerLatitude = 4.781250000000000e+01;
  centerLongitude = -1.210625000000000e+02;
  scale = "24000";
}
{
  name = "LAKE LAWRENCE";
  state = "WA";
  centerLatitude = 4.681250000000000e+01;
  centerLongitude = -1.225625000000000e+02;
  scale = "24000";
}
{
  name = "LAKE WOOTEN";
  state = "WA";
  centerLatitude = 4.743750000000000e+01;
  centerLongitude = -1.229375000000000e+02;
  scale = "24000";
}
{
  name = "LIBERTY";
  state = "WA";
  centerLatitude = 4.731250000000000e+01;
  centerLongitude = -1.206875000000000e+02;
  scale = "24000";
}
{
  name = "LOST LAKE";
  state = "WA";
  centerLatitude = 4.731250000000000e+01;
  centerLongitude = -1.214375000000000e+02;
  scale = "24000";
}
{

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    name = "MAPLE VALLEY";
    state = "WA";
    centerLatitude = 4.743750000000000e+01;
    centerLongitude = -1.220625000000000e+02;
    scale = "24000";
}
{
    name = "MCCLEARY";
    state = "WA";
    centerLatitude = 4.706250000000000e+01;
    centerLongitude = -1.233125000000000e+02;
    scale = "24000";
}
{
    name = "MEEKS TABLE";
    state = "WA";
    centerLatitude = 4.681250000000000e+01;
    centerLongitude = -1.210625000000000e+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 = "MOUNT TOWNSEND";
    state = "WA";
    centerLatitude = 4.781250000000000e+01;
    centerLongitude = -1.230625000000000e+02;
    scale = "24000";
}
{
    name = "MUKILTEO";
    state = "WA";
    centerLatitude = 4.793750000000000e+01;
    centerLongitude = -1.223125000000000e+02;
    scale = "24000";
}
{
    name = "NOBLE KNOB";
    state = "WA";
    centerLatitude = 4.706250000000000e+01;
    centerLongitude = -1.214375000000000e+02;
    scale = "24000";
}
{
    name = "OAKVILLE";

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state = "WA";
centerLatitude = 4.681250000000000e+01;
centerLongitude = -1.231875000000000e+02;
scale = "24000";
}
{
name = "OLD SNOWY MOUNTAIN";
state = "WA";
centerLatitude = 4.656250000000000e+01;
centerLongitude = -1.214375000000000e+02;
scale = "24000";
}
{
name = "PESHASTIN";
state = "WA";
centerLatitude = 4.756250000000000e+01;
centerLongitude = -1.205625000000000e+02;
scale = "24000";
}
{
name = "PORT GAMBLE";
state = "WA";
centerLatitude = 4.781250000000000e+01;
centerLongitude = -1.225625000000000e+02;
scale = "24000";
}
{
name = "POVERTY BAY";
state = "WA";
centerLatitude = 4.731250000000000e+01;
centerLongitude = -1.223125000000000e+02;
scale = "24000";
}
{
name = "QUILCENE";
state = "WA";
centerLatitude = 4.781250000000000e+01;
centerLongitude = -1.228125000000000e+02;
scale = "24000";
}
{
name = "RIMROCK LAKE";
state = "WA";
centerLatitude = 4.668750000000000e+01;
centerLongitude = -1.211875000000000e+02;
scale = "24000";
}
{
name = "SCENIC";
state = "WA";
centerLatitude = 4.768750000000000e+01;
centerLongitude = -1.211875000000000e+02;
scale = "24000";
}
{
name = "SHILSHOLE";
state = "WA";

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centerLatitude = 4.768750000000000e+01;
centerLongitude = -1.224375000000000e+02;
scale = "24000";
}
{
name = "SLOAN PEAK";
state = "WA";
centerLatitude = 4.806250000000000e+01;
centerLongitude = -1.213125000000000e+02;
scale = "24000";
}
{
name = "SNOQUALMIE PASS";
state = "WA";
centerLatitude = 4.743750000000000e+01;
centerLongitude = -1.214375000000000e+02;
scale = "24000";
}
{
name = "STANWOOD";
state = "WA";
centerLatitude = 4.818750000000000e+01;
centerLongitude = -1.223125000000000e+02;
scale = "24000";
}
{
name = "SUMMIT LAKE";
state = "WA";
centerLatitude = 4.706250000000000e+01;
centerLongitude = -1.230625000000000e+02;
scale = "24000";
}
{
name = "TACOMA NORTH";
state = "WA";
centerLatitude = 4.731250000000000e+01;
centerLongitude = -1.224375000000000e+02;
scale = "24000";
}
{
name = "TEANAWAY";
state = "WA";
centerLatitude = 4.718750000000000e+01;
centerLongitude = -1.208125000000000e+02;
scale = "24000";
}
{
name = "TIETON BASIN";
state = "WA";
centerLatitude = 4.668750000000000e+01;
centerLongitude = -1.210625000000000e+02;
scale = "24000";
}
{
name = "UNCAS";
state = "WA";
centerLatitude = 4.793750000000000e+01;

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        centerLongitude = -1.2293750000000000e+02;
        scale = "24000";
    }
    {
        name = "VASHON";
        state = "WA";
        centerLatitude = 4.7437500000000000e+01;
        centerLongitude = -1.2243750000000000e+02;
        scale = "24000";
    }
    {
        name = "WALLACE LAKE";
        state = "WA";
        centerLatitude = 4.7937500000000000e+01;
        centerLongitude = -1.2168750000000000e+02;
        scale = "24000";
    }
    {
        name = "WHITEHORSE MOUNTAIN";
        state = "WA";
        centerLatitude = 4.8187500000000000e+01;
        centerLongitude = -1.2168750000000000e+02;
        scale = "24000";
    }
    ]
}
header =
{
    name = "internal-formatted PO";
    version = 0L;
    productOrderType = "Correction";
    origin = "External";
    creationTime = 999010344L;
}
}

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=====
PreIngest.input:
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{
    commonChildInputParams =
    {
        reportName = "PreIngest.report";
        inputSceneHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Input_";
    }
    satelliteName = "LS7 ";
    sensorName = "ETMP";
    referenceTime =
    {
        year = 2000;
        month = 7;
        day = 7;
        hour = 18;
        minute = 47;
        sec = 13;
        usec = 0;
    }
}

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    time_system = 2;
}
}
=====
Ingest.input:
=====
{
    commonChildInputParams =
    {
        inputSceneHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Input_";
        reportName = "Ingest.report";
    }
    priority = 7.000000000000000e+00F;
    manualPositioningRequired ?= FALSE;
    AOSTime =
    {
        year = 2000;
        month = 7;
        day = 7;
        hour = 18;
        minute = 47;
        sec = 13;
        usec = 0;
        time_system = 2;
    }
    satellite = "LS7 ";
    sensor = "ETMP";
    numberOfScenes = 1.500000000000000e+00F;
    ingestBoundaryType ?= 0;
    pathRowCentre ?=
    {
        path = 46;
        row = 27;
        sceneCentreOffset ?= 0.000000000000000e+00F;
    }
    bandList =
    {
        numBands = 9;
        bandsUsed =
        [
            1;
            2;
            3;
            4;
            5;
            6;
            7;
            8;
            9;
        ]
    }
    inputIsTarred ?= FALSE;
    memoryEffectCorrectionRequired ?= FALSE;
    mediumData =
    {
        mediumType = 4;
    }
}

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format = 26;
volumeInfo =
[
    {
        filenames =
        [
            "/diskIngest1/temp/01101082000810001/L71EDC180018918010_HDF.012321750";
        ]
        mediumId =
            "/diskIngest1/temp/01101082000810001/L71EDC180018918010_HDF.012321750";
    }
]
sampleSceneStats = FALSE;
performRadiometricCorrection ?= TRUE;
}
=====
Ingest.output:
=====
{
    InputImage =
    {
        InputImageHandle =
            "/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Input_LZR
_Main.tif";
        InputImageResourceId = "/image2";
        InputImageAllocationId = 1563L;
    }
    IngestQualityFlag = TRUE;
    IngestPredictedOrbitFlag = TRUE;
    orbitNumber = 86969;
    ReportHeader =
    {
        ReportName = "Ingest";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "lld210820008100001";
        StartTime = "Tue Aug 28 09:53:03 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 8;
            day = 28;
            hour = 9;
            minute = 53;
            sec = 3;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Tue Aug 28 09:55:08 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 8;
            day = 28;
            hour = 9;
            minute = 55;

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        sec = 8;
        usec = 0;
        time_system = 2;
    }
    CpuTime = 1.0385000000000000e+02;
}
ingestStartTime =
{
    year = 2000;
    month = 7;
    day = 7;
    hour = 18;
    minute = 46;
    sec = 59;
    usec = 644375;
    time_system = 2;
}
ingestEndTime =
{
    year = 2000;
    month = 7;
    day = 7;
    hour = 18;
    minute = 47;
    sec = 26;
    usec = 477750;
    time_system = 2;
}
ingestStartTimeString = "2000 07 07 18:46:59.644";
ingestEndTimeString = "2000 07 07 18:47:26.477";
segmentStartTime =
{
    year = 2000;
    month = 7;
    day = 7;
    hour = 18;
    minute = 46;
    sec = 59;
    usec = 644375;
    time_system = 2;
}
segmentEndTime =
{
    year = 2000;
    month = 7;
    day = 7;
    hour = 18;
    minute = 47;
    sec = 26;
    usec = 477750;
    time_system = 2;
}
ProcessingInformation =
{
    TotalNumberOfSwaths = 374;
    TotalNumberSwathsWithSyncLosses = 0;
    TotalNumberOfSyncLosses = 0;
}

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MinimumLineLength = 6319;
MaximumLineLength = 6322;
InputCentreDateAndTimeAtStation =
{
    year = 2000;
    month = 7;
    day = 7;
    hour = 18;
    minute = 47;
    sec = 13;
    usec = 61062;
    time_system = 2;
}
NumberOfBandsIngested = 9;
BandNumbersIngested =
[
    1L;
    2L;
    3L;
    4L;
    5L;
    6L;
    7L;
    8L;
    9L;
]
}
=====
DemInit.input:
=====
{
    inputImageFileName =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Input_LZR
_Main.tif";
    acqModelIdentifier =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Input_";
    spheroidParams =
    {
        earth_spheroid_name = "NAD83";
        semimajor_axis = 6.3781370000000000e+06;
        eccentricity_squared = 6.694380022900790e-03;
        earth_centre_offset =
        {
            lowerB = 1;
            upperB = 3;
            Bstore =
            [
                0.0000000000000000e+00;
                0.0000000000000000e+00;
                0.0000000000000000e+00;
            ]
        }
        ellipsoidCode = 7019;
    }
    sceneHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Input_";
    demType = 0;
}

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    baseElevation ?= 0.0000000000000000e+00F;
    demPath ?= "";
}
=====
ModelRefinement.input:
=====
{
    commonChildInputParams =
    {
        inputSceneHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Input_";
        productSceneHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Product_";
        outputSceneHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Output_";
        reportName = "ModelRefinement.report";
    }
    imageHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/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 = "lld210820008100001";
        StartTime = "Tue Aug 28 09:55:17 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 8;
            day = 28;
            hour = 9;
        }
    }
}

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```

    minute = 55;
    sec = 17;
    usec = 0;
    time_system = 2;
}
CompletionTime = "Tue Aug 28 10:42:49 2001";
CompletionTimeRecord =
{
    year = 2001;
    month = 8;
    day = 28;
    hour = 10;
    minute = 42;
    sec = 49;
    usec = 0;
    time_system = 2;
}
CpuTime = 4.124000000000000e+01;
}
Satellite = "LS7 ";
Sensor = "ETMP";
AcquisitionTime =
{
    year = 2000L;
    month = 7L;
    day = 7L;
    hour = 18L;
    minute = 47L;
    sec = 13L;
    usec = 119123L;
    time_system = 2L;
}
PrecisionModelSummary =
{
    NumberOfCPsInModel = 11L;
    ModelErrors =
    {
        along_track =
        {
            mean_error = 2.046354770660400e+00;
            rms_error = 1.010165500640869e+01;
            std_dev_error = 9.892211914062500e+00;
        }
        across_track =
        {
            mean_error = -1.525924324989319e+00;
            rms_error = 9.931180953979492e+00;
            std_dev_error = 9.813251495361328e+00;
        }
        height =
        {
            mean_error = -3.299295669421554e-03;
            rms_error = 4.760738313198090e-01;
            std_dev_error = 4.760623872280121e-01;
        }
        combined =
        {

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        mean_error = 2.552650213241577e+00;
        rms_error = 1.417386436462402e+01;
        std_dev_error = 1.394210910797119e+01;
    }
}
}
ControlPointsSummary =
[
    {
        CpNumber = 8455L;
        CpAutoMarked = TRUE;
        CpKind = "RCP";
        CpLocation =
        {
            latitude = 4.726176129963857e+01;
            longitude = -1.219446152533965e+02;
            height = 2.377439431399107e+02;
        }
        CpResiduals =
        {
            alongTrack = -4.133748887502553e+00;
            acrossTrack = -2.786540748240386e+01;
            height = -5.255078896888232e-02;
            combined = 2.817040247512908e+01;
        }
    }
    {
        CpNumber = 8731L;
        CpAutoMarked = TRUE;
        CpKind = "RCP";
        CpLocation =
        {
            latitude = 4.659158793171154e+01;
            longitude = -1.215644550961110e+02;
            height = 8.659999446272850e+02;
        }
        CpResiduals =
        {
            alongTrack = 1.778588639153124e+00;
            acrossTrack = 2.440612215959236e+00;
            height = 1.848924687598670e-01;
            combined = 3.025582714291270e+00;
        }
    }
    {
        CpNumber = 7994L;
        CpAutoMarked = TRUE;
        CpKind = "RCP";
        CpLocation =
        {
            latitude = 4.830370898582050e+01;
            longitude = -1.225332015738640e+02;
            height = 1.219997990354896e+02;
        }
        CpResiduals =
        {
            alongTrack = -5.806992962674183e+00;

```



```

        acrossTrack = -1.827343281626239e+00;
        height = 2.092518170122104e-01;
        combined = 6.091316529320649e+00;
    }
}
{
    CpNumber = 8819L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.711101737245576e+01;
        longitude = -1.230424725558446e+02;
        height = -5.638692528009415e-05;
    }
    CpResiduals =
    {
        alongTrack = -3.793356437527695e+00;
        acrossTrack = 6.593698935103408e+00;
        height = -7.778098114296741e-01;
        combined = 7.646659846735232e+00;
    }
}
{
    CpNumber = 8732L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
        latitude = 4.690049887889694e+01;
        longitude = -1.220310759885867e+02;
        height = 5.479999441085383e+02;
    }
    CpResiduals =
    {
        alongTrack = -6.544093794982394e-01;
        acrossTrack = 3.945055259303847e+00;
        height = 3.052134484454150e-02;
        combined = 3.999080417724471e+00;
    }
}
{
    CpNumber = 8376L;
    CpAutoMarked = TRUE;
    CpKind = "SCP";
    CpLocation =
    {
        latitude = 4.809689219871066e+01;
        longitude = -1.219716456003147e+02;
        height = 9.474899996351451e+01;
    }
    CpResiduals =
    {
        alongTrack = -2.026263552326833e+00;
        acrossTrack = -9.018427928445085e+00;
        height = 3.416794324959972e-01;
        combined = 9.249569239626094e+00;
    }
}

```

```

    }
  }
  {
    CpNumber = 8375L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
      latitude = 4.786763602921400e+01;
      longitude = -1.208025242191575e+02;
      height = 1.514617942155339e+03;
    }
    CpResiduals =
    {
      alongTrack = -3.841821516444345e+00;
      acrossTrack = 5.748944472282648e+00;
      height = 6.069358956827622e-01;
      combined = 6.941060890892125e+00;
    }
  }
  {
    CpNumber = 8445L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
      latitude = 4.720337591741178e+01;
      longitude = -1.207730367297347e+02;
      height = 5.986579435439780e+02;
    }
    CpResiduals =
    {
      alongTrack = -3.313922983980155e+00;
      acrossTrack = 3.283600931917865e+00;
      height = 4.624819387353694e-01;
      combined = 4.688071049749591e+00;
    }
  }
  {
    CpNumber = 8239L;
    CpAutoMarked = TRUE;
    CpKind = "RCP";
    CpLocation =
    {
      latitude = 4.783117106735857e+01;
      longitude = -1.228570274403434e+02;
      height = 3.802294249646366e+01;
    }
    CpResiduals =
    {
      alongTrack = 1.758568449850665e+01;
      acrossTrack = 8.077356815384059e+00;
      height = -1.044993130633824e+00;
      combined = 1.938019615605374e+01;
    }
  }
}
{

```

```

CpNumber = 8588L;
CpAutoMarked = TRUE;
CpKind = "SCP";
CpLocation =
{
    latitude = 4.751234183723412e+01;
    longitude = -1.212558408008870e+02;
    height = 1.640556999380700e+03;
}
CpResiduals =
{
    alongTrack = 2.673169810126405e+01;
    acrossTrack = -1.220908200307504e+00;
    height = -8.619907588784059e-02;
    combined = 2.675970348287488e+01;
}
}
{
    CpNumber = 8587L;
    CpAutoMarked = FALSE;
    CpKind = "SCP";
    CpLocation =
    {
        latitude = 4.763998040898116e+01;
        longitude = -1.219275114776002e+02;
        height = 3.909435455035418e+01;
    }
    CpResiduals =
    {
        alongTrack = -1.555228673763343e-02;
        acrossTrack = -6.942349181814194e+00;
        height = 8.949765994417924e-02;
        combined = 6.942943458432775e+00;
    }
}
}
]
}
=====
ProductDefinition.input:
=====
{
    inputSceneHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/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 = 6.378137000000000e+06;
      eccentricity_squared = 6.694380022900790e-03;
      earth_centre_offset =
      {
        lowerB = 1;
        upperB = 3;
        Bstore =
        [
          0.0000000000000000e+00;
          0.0000000000000000e+00;
          0.0000000000000000e+00;
        ]
      }
      ellipsoidCode = 7019;
    }
  }
}
GCTPZone = 4602;

```

```

}
orientationChoice = 1;
path ?= 46;
row ?= 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 = 7323;
        numPixels = 7706;
    }
    {
        numLines = 7323;
        numPixels = 7706;
    }
    {
        numLines = 7323;
        numPixels = 7706;
    }
    {
        numLines = 7323;
        numPixels = 7706;
    }
    {
        numLines = 7323;
        numPixels = 7706;
    }
    {
        numLines = 7323;
        numPixels = 7706;
    }
    {
        numLines = 3661;
        numPixels = 3853;
    }
    {
        numLines = 7323;
        numPixels = 7706;
    }
    {
        numLines = 14646;
        numPixels = 15412;
    }
    {
        numLines = 3661;
        numPixels = 3853;
    }

```

```

    }
  ]
  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 = 5.0000000000000000e-01F;
  }
  {
    line = 5.0000000000000000e-01F;
    pixel = 5.0000000000000000e-01F;
  }
  {
    line = 5.0000000000000000e-01F;
    pixel = 5.0000000000000000e-01F;
  }
  {
    line = 5.0000000000000000e-01F;
    pixel = 5.0000000000000000e-01F;
  }
  {
    line = 5.0000000000000000e-01F;
    pixel = 5.0000000000000000e-01F;
  }
  {
    line = 5.0000000000000000e-01F;
    pixel = 5.0000000000000000e-01F;
  }
]
outputMapRefPoint =
{
  x = 2.7922500000000000e+05;
  y = 3.4615500000000000e+05;
  height = 0.0000000000000000e+00;
}
outputOrientation = 0.0000000000000000e+00;
mapProjectionParams =
{
  projDescription =
  {
    projName = "SPCS";
    projection = 2;
    projCoeffs =
    [
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
    ]
  }
  referenceSpheroid =
  {
    earth_spheroid_name = "NAD83";
  }
}

```



```

semimajor_axis = 6.378137000000000e+06;
eccentricity_squared = 6.694380022900790e-03;
earth_centre_offset =
{
    lowerB = 1;
    upperB = 3;
    Bstore =
    [
        0.000000000000000e+00;
        0.000000000000000e+00;
        0.000000000000000e+00;
    ]
}
ellipsoidCode = 7019;
}
}
GCTPZone = 4602;
}
path = 46;
row = 27;
startRow = 0;
endRow = 0;
floatingEndRow = 0.000000000000000e+00F;
geodeticCentre =
{
    latitude = 8.28176577838022e-01;
    longitude = -2.127469193803884e+00;
    height = 0.000000000000000e+00;
}
mapCentre =
{
    x = 3.948000000000000e+05;
    y = 2.363250000000000e+05;
    height = 0.000000000000000e+00;
}
geodeticSceneCorners =
[
    {
        latitude = 8.452206781799241e-01;
        longitude = -2.144242750826519e+00;
        height = 0.000000000000000e+00;
    }
    {
        latitude = 8.388159295529696e-01;
        longitude = -2.100116809525036e+00;
        height = 0.000000000000000e+00;
    }
    {
        latitude = 8.110068332180158e-01;
        longitude = -2.111438570804713e+00;
        height = 0.000000000000000e+00;
    }
    {
        latitude = 8.172207197046463e-01;
        longitude = -2.154260071847534e+00;
        height = 0.000000000000000e+00;
    }
]

```

```

]
geodeticProductCorners =
[
  {
    latitude = 8.104425989235101e-01;
    longitude = -2.153274166972607e+00;
    height = 0.000000000000000e+00;
  }
  {
    latitude = 8.110727304418862e-01;
    longitude = -2.100757049847568e+00;
    height = 0.000000000000000e+00;
  }
  {
    latitude = 8.455573794203307e-01;
    longitude = -2.100668060871792e+00;
    height = 0.000000000000000e+00;
  }
  {
    latitude = 8.449041167932383e-01;
    longitude = -2.155159755294857e+00;
    height = 0.000000000000000e+00;
  }
]
mapProductCorners =
[
  {
    x = 2.792250000000000e+05;
    y = 1.264650000000000e+05;
    height = 0.000000000000000e+00;
  }
  {
    x = 5.104050000000000e+05;
    y = 1.264650000000000e+05;
    height = 0.000000000000000e+00;
  }
  {
    x = 5.104050000000000e+05;
    y = 3.461550000000000e+05;
    height = 0.000000000000000e+00;
  }
  {
    x = 2.792250000000000e+05;
    y = 3.461550000000000e+05;
    height = 0.000000000000000e+00;
  }
]
blackfillEdgeChoice = 1;
alignmentChoice = 2;
}
=====
DemIngest.input:
=====
{
  commonChildInputParams =
  {
    reportName = "DemIngest.report";
  }
}

```

```

    inputSceneHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Input_";
}
demList =
[
    {
        demType = 2;
        mediaType = 4;
        mediaId = "/dem_data/DEM/washingtonDem";
        filename = "washington_elev";
    }
]
priority = 7.000000000000000e+00F;
numLines = 7323;
numPixels = 7706;
lineSpacing = 3.000000000000000e+01F;
pixelSpacing = 3.000000000000000e+01F;
mapRefPoint =
{
    x = 2.792250000000000e+05;
    y = 3.461550000000000e+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 =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Input__DE
MI_IngestControl.tif";
    ImageAllocationId = 1573L;
}
=====
DemIngest.report:
=====
{
    ReportHeader =
    {
        ReportName = "DEM Ingest Report";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "lld210820008100001";
        StartTime = "Tue Aug 28 10:43:05 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 8;
            day = 28;
            hour = 10;
            minute = 43;
            sec = 5;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Tue Aug 28 10:43:44 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 8;
            day = 28;
            hour = 10;
            minute = 43;
            sec = 44;
            usec = 0;
            time_system = 2;
        }
        CpuTime = 2.6460000000000000e+01;
    }
}

```

```

PixelSpacing = 3.000000000000000e+01F;
PixelSpacingUnits = "meters";
LineSpacing = 3.000000000000000e+01F;
LineSpacingUnits = "meters";
ProductOrderNumber = "lld210820008100001";
SourceFormat = "LAS";
PixelType = 2L;
HorizontalDatum = "NORTHAM_83_CONUS";
VerticalDatum = "MSL";
UpperLatitude = 4.845104136905430e+01;
RightLongitude = -1.203531195668862e+02;
LowerLatitude = 4.643059734756046e+01;
LeftLongitude = -1.234884745381845e+02;
NumberOfLines = 7355L;
PixelsPerLine = 7739L;
UnitOfElevationMeasure = "meters";
Error =
{
    circularError = 4.200000000000000e+01;
    linearError = 4.200000000000000e+01;
}
InputMediaReport =
[
    {
        Media = "/dem_data/DEM/washingtonDem";
        File = "washington_elev";
    }
]
}
=====
WarpDem.input:
=====
{
    commonChildInputParams =
    {
        reportName = "WarpDem.report";
        inputSceneHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Input_";
        productSceneHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/DEM_";
    }
    priority = 7.000000000000000e+00F;
    InputImageFile =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Input__DE
MI_IngestControl.tif";
    ResampleImageOrDemFlag = FALSE;
    CollectStatsFlag = TRUE;
    productSpecification =
    {
        satellite = "LS7 ";
        sensor = "ETMP";
        processingLevel = "Precision Geocorrection";
        outputPixelType = 2;
        blackfillEdgeChoice = 1;
        path = 46;
        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 = 6.3781370000000000e+06;
      eccentricity_squared = 6.694380022900790e-03;
      earth_centre_offset =
      {
        lowerB = 1;
        upperB = 3;
        Bstore =
        [
          0.0000000000000000e+00;
          0.0000000000000000e+00;
          0.0000000000000000e+00;
        ]
      }
    }
    ellipsoidCode = 7019;
  }
}

```

```

    }
    GCTPZone = 4602;
}
outputMapRefPoint =
{
    x = 2.792250000000000e+05;
    y = 3.461550000000000e+05;
    height = 0.000000000000000e+00;
}
outputOrientation = 0.000000000000000e+00;
inputLimits =
{
    inputLimits =
    [
        {
            startPixel = 1;
            endPixel = 6336;
            startLine = 1;
            endLine = 5984;
        }
        {
            startPixel = 1;
            endPixel = 6336;
            startLine = 1;
            endLine = 5984;
        }
        {
            startPixel = 1;
            endPixel = 6336;
            startLine = 1;
            endLine = 5984;
        }
        {
            startPixel = 1;
            endPixel = 6336;
            startLine = 1;
            endLine = 5984;
        }
        {
            startPixel = 1;
            endPixel = 6336;
            startLine = 1;
            endLine = 5984;
        }
        {
            startPixel = 1;
            endPixel = 3168;
            startLine = 1;
            endLine = 2992;
        }
        {
            startPixel = 1;
            endPixel = 6336;
            startLine = 1;
            endLine = 5984;
        }
    ]
}

```

```

        startPixel = 1;
        endPixel = 12672;
        startLine = 1;
        endLine = 11968;
    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 1;
        endLine = 2992;
    }
]
}
processingOptions =
{
    resamplingKernel = "CC";
    resamplingMethod = "1Pass2Dimensional";
    performRadiometricCorrection = TRUE;
    radiometricAlgorithm = 1;
    performGeometricCorrection = TRUE;
    performDEM_Correction = TRUE;
    performElevationCorrection = FALSE;
    performBaseElevationCorrection = FALSE;
    baseElevation = 0.0000000000000000e+00F;
    performAtmosphericCorrection = FALSE;
    performBadLineReplacement = FALSE;
    performScanGapCorrection = FALSE;
    alignmentRequired = FALSE;
    performHistogramming = FALSE;
    performDebandFilter = FALSE;
    performDespikeFilter = FALSE;
}
outputResolution =
[
    {
        lineSpacing = 3.0000000000000000e+01F;
        pixelSpacing = 3.0000000000000000e+01F;
    }
]
imageSize =
[
    {
        numLines = 7323;
        numPixels = 7706;
    }
]
outputImageRefPoint =
[
    {
        line = 5.0000000000000000e-01F;
        pixel = 5.0000000000000000e-01F;
    }
]
}
}
=====
WarpDem.output:

```



```

=====
{
    outputImage =
    {
        outputImageHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/DEM__OPR_
WarpResampler.tif";
        outputImageAllocationId = 1576L;
    }
}
=====
WarpDem.report:
=====
{
    ReportHeader =
    {
        ReportName = "resamplerReport";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "lld210820008100001";
        StartTime = "Tue Aug 28 10:43:46 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 8;
            day = 28;
            hour = 10;
            minute = 43;
            sec = 46;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Tue Aug 28 10:44:09 2001";
        CompletionTimeRecord =
        {
            year = 2001;
            month = 8;
            day = 28;
            hour = 10;
            minute = 44;
            sec = 9;
            usec = 0;
            time_system = 2;
        }
        CpuTime = 3.8910000000000000e+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 =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Input_";
        productSceneHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Product_";
    };
    reportName = "ImageCorrection.report";
}
priority = 7.0000000000000000e+00F;
InputImageFile =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Input_LZR_
_Main.tif";
InputDemFile ?=
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/DEM__OPR_
WarpResampler.tif";
ResampleImageOrDemFlag = TRUE;
productSpecification =
{
    satellite = "LS7 ";
    sensor = "ETMP";
    processingLevel = "Precision Geocorrection";
    outputPixelType = 2;
    blackfillEdgeChoice = 1;
    path = 46;
    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 = 6.3781370000000000e+06;
      eccentricity_squared = 6.694380022900790e-03;
      earth_centre_offset =
      {
        lowerB = 1;
        upperB = 3;
        Bstore =
        [
          0.0000000000000000e+00;
          0.0000000000000000e+00;
          0.0000000000000000e+00;
        ]
      }
      ellipsoidCode = 7019;
    }
  }
  GCTPZone = 4602;
}
processingOptions =
{
  resamplingKernel = "CC";
  resamplingMethod = "1Pass2Dimensional";
}

```

```

performRadiometricCorrection = TRUE;
radiometricAlgorithm = 1;
performGeometricCorrection = TRUE;
performDEM_Correction = TRUE;
performElevationCorrection = FALSE;
performBaseElevationCorrection = FALSE;
baseElevation = 0.000000000000000e+00F;
performAtmosphericCorrection = FALSE;
performBadLineReplacement = TRUE;
performScanGapCorrection = TRUE;
alignmentRequired = FALSE;
performHistogramming = TRUE;
performDebandFilter = FALSE;
performDespikeFilter = FALSE;
}
outputMapRefPoint =
{
  x = 2.792250000000000e+05;
  y = 3.461550000000000e+05;
  height = 0.000000000000000e+00;
}
outputOrientation = 0.000000000000000e+00;
inputLimits =
{
  inputLimits =
  [
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
      endLine = 5984;
    }
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
      endLine = 5984;
    }
  ]
}

```

```

        startPixel = 1;
        endPixel = 3168;
        startLine = 1;
        endLine = 2992;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 12672;
        startLine = 1;
        endLine = 11968;
    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 1;
        endLine = 2992;
    }
    ]
}
imageSize =
[
    {
        numLines = 7323;
        numPixels = 7706;
    }
    {
        numLines = 7323;
        numPixels = 7706;
    }
    {
        numLines = 7323;
        numPixels = 7706;
    }
    {
        numLines = 7323;
        numPixels = 7706;
    }
    {
        numLines = 7323;
        numPixels = 7706;
    }
    {
        numLines = 3661;
        numPixels = 3853;
    }
    {
        numLines = 7323;
        numPixels = 7706;
    }
    {
        numLines = 14646;

```

```

    numPixels = 15412;
  }
  {
    numLines = 3661;
    numPixels = 3853;
  }
]
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 =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Product__
OPR_MsResampler.tif";
        outputImageAllocationId = 1604L;
    }
}
=====
ImageCorrection.report:
=====
{
    ReportHeader =
    {
        ReportName = "resamplerReport";
        VersionNumber = 1.000000000000000e+00;
        WorkOrderId = "lld210820008100001";
        StartTime = "Tue Aug 28 10:44:13 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 8;
            day = 28;
        }
    }
}

```

```

    hour = 10;
    minute = 44;
    sec = 13;
    usec = 0;
    time_system = 2;
}
CompletionTime = "Tue Aug 28 11:06:29 2001";
CompletionTimeRecord =
{
    year = 2001;
    month = 8;
    day = 28;
    hour = 11;
    minute = 6;
    sec = 29;
    usec = 0;
    time_system = 2;
}
CpuTime = 1.7684700000000000e+03;
}
GeometricCorrectionLevel = "map-projected";
ProductInfo =
{
    Projection = "SPCS";
    GCTPZone = 4602;
    Datum = "NAD83";
    Orientation = 0.0000000000000000e+00;
}
ResamplingInfo =
{
    Method = "1 PASS";
    Kernel = "CC";
}
SatelliteAngleOfIncidence = 2.547618026083853e-01;
SatelliteAngleOfIncidenceDirection = "R";
SatelliteIncidentOrientation = 1.725760785465677e+02;
SatelliteOffNadirPointingAngle = 6.225344125499728e-02;
OffNadirPointingAngle = 0.0000000000000000e+00;
DemCorrection =
{
    WasApplied = TRUE;
    DataSource = 1L;
}
ElevationCorrection =
{
    WasApplied = FALSE;
}
RadiometricCorrection =
{
    WasApplied = TRUE;
    RadCorrTableReport =
    {
        calOption = "NASA";
        bandInProduct =
        [
            TRUE;
            TRUE;

```


[illegible]

[illegible]

```

    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    ]
    [
        {
            gain = 9.63727e-01;
            offset = -7.79207e+00;
        }
        {
            gain = 9.49063e-01;
            offset = -7.36624e+00;
        }
        {
            gain = 9.45288e-01;
            offset = -7.33220e+00;
        }
        {
            gain = 9.42233e-01;

```

```

    offset = -7.24104e+00;
  }
  {
    gain = 9.42207e-01;
    offset = -7.26904e+00;
  }
  {
    gain = 9.46545e-01;
    offset = -7.45604e+00;
  }
  {
    gain = 9.56813e-01;
    offset = -7.73238e+00;
  }
  {
    gain = 9.52640e-01;
    offset = -7.56033e+00;
  }
  {
    gain = 9.52486e-01;
    offset = -7.84817e+00;
  }
  {
    gain = 9.50522e-01;
    offset = -7.72885e+00;
  }
  {
    gain = 9.53167e-01;
    offset = -7.73765e+00;
  }
  {
    gain = 9.43977e-01;
    offset = -7.59131e+00;
  }
  {
    gain = 9.54620e-01;
    offset = -7.77298e+00;
  }
  {
    gain = 9.42964e-01;
    offset = -7.54532e+00;
  }
  {
    gain = 9.55346e-01;
    offset = -7.84681e+00;
  }
  {
    gain = 9.54256e-01;
    offset = -7.72408e+00;
  }
]
[
  {
    gain = 9.63727e-01;
    offset = -7.79207e+00;
  }
]

```

```
    gain = 9.49063e-01;
    offset = -7.36624e+00;
}
{
    gain = 9.45288e-01;
    offset = -7.33220e+00;
}
{
    gain = 9.42233e-01;
    offset = -7.24104e+00;
}
{
    gain = 9.42207e-01;
    offset = -7.26904e+00;
}
{
    gain = 9.46545e-01;
    offset = -7.45604e+00;
}
{
    gain = 9.56813e-01;
    offset = -7.73238e+00;
}
{
    gain = 9.52640e-01;
    offset = -7.56033e+00;
}
{
    gain = 9.52486e-01;
    offset = -7.84817e+00;
}
{
    gain = 9.50522e-01;
    offset = -7.72885e+00;
}
{
    gain = 9.53167e-01;
    offset = -7.73765e+00;
}
{
    gain = 9.43977e-01;
    offset = -7.59131e+00;
}
{
    gain = 9.54620e-01;
    offset = -7.77298e+00;
}
{
    gain = 9.42964e-01;
    offset = -7.54532e+00;
}
{
    gain = 9.55346e-01;
    offset = -7.84681e+00;
}
{
    gain = 9.54256e-01;
```

[illegible]

[illegible]

```
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
{
  gain = 1.000000e+00;
  offset = 0.000000e+00;
}
}
[
{
  gain = 9.43696e-01;
  offset = -7.91584e+00;
}
{
  gain = 9.50529e-01;
  offset = -7.66247e+00;
}
{
  gain = 9.43142e-01;
  offset = -7.40417e+00;
}
{
  gain = 9.45361e-01;
  offset = -7.40219e+00;
}
{
  gain = 9.40983e-01;
  offset = -7.28547e+00;
}
```



```

    }
    {
        gain = 9.43876e-01;
        offset = -7.56756e+00;
    }
    {
        gain = 9.62461e-01;
        offset = -7.82924e+00;
    }
    {
        gain = 9.41571e-01;
        offset = -7.62330e+00;
    }
    {
        gain = 9.46295e-01;
        offset = -7.72657e+00;
    }
    {
        gain = 9.48506e-01;
        offset = -7.70786e+00;
    }
    {
        gain = 9.49465e-01;
        offset = -7.68980e+00;
    }
    {
        gain = 9.44982e-01;
        offset = -7.60593e+00;
    }
    {
        gain = 9.56572e-01;
        offset = -7.74738e+00;
    }
    {
        gain = 9.38584e-01;
        offset = -7.49115e+00;
    }
    {
        gain = 9.49996e-01;
        offset = -7.60820e+00;
    }
    {
        gain = 9.51767e-01;
        offset = -7.65433e+00;
    }
]
[
    {
        gain = 9.43696e-01;
        offset = -7.91584e+00;
    }
    {
        gain = 9.50529e-01;
        offset = -7.66247e+00;
    }
    {
        gain = 9.43142e-01;
    }

```

```

        offset = -7.40417e+00;
    }
    {
        gain = 9.45361e-01;
        offset = -7.40219e+00;
    }
    {
        gain = 9.40983e-01;
        offset = -7.28547e+00;
    }
    {
        gain = 9.43876e-01;
        offset = -7.56756e+00;
    }
    {
        gain = 9.62461e-01;
        offset = -7.82924e+00;
    }
    {
        gain = 9.41571e-01;
        offset = -7.62330e+00;
    }
    {
        gain = 9.46295e-01;
        offset = -7.72657e+00;
    }
    {
        gain = 9.48506e-01;
        offset = -7.70786e+00;
    }
    {
        gain = 9.49465e-01;
        offset = -7.68980e+00;
    }
    {
        gain = 9.44982e-01;
        offset = -7.60593e+00;
    }
    {
        gain = 9.56572e-01;
        offset = -7.74738e+00;
    }
    {
        gain = 9.38584e-01;
        offset = -7.49115e+00;
    }
    {
        gain = 9.49996e-01;
        offset = -7.60820e+00;
    }
    {
        gain = 9.51767e-01;
        offset = -7.65433e+00;
    }
    }
    ]
}

```

[illegible]

[illegible]

```

    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
{
    gain = 1.00000e+00;
    offset = 0.00000e+00;
}
}
[
{
    gain = 9.54136e-01;
    offset = -7.86506e+00;
}
{
    gain = 9.44979e-01;
    offset = -7.56948e+00;
}
{
    gain = 9.49913e-01;
    offset = -7.52398e+00;
}
{
    gain = 9.45467e-01;
    offset = -7.49069e+00;
}
{
    gain = 9.53054e-01;
    offset = -7.59529e+00;
}
{
    gain = 9.44340e-01;
    offset = -7.60253e+00;
}
}

```

```

    {
        gain = 9.55036e-01;
        offset = -7.73250e+00;
    }
    {
        gain = 9.43703e-01;
        offset = -7.50647e+00;
    }
    {
        gain = 9.54697e-01;
        offset = -7.80580e+00;
    }
    {
        gain = 9.63088e-01;
        offset = -7.82157e+00;
    }
    {
        gain = 9.61521e-01;
        offset = -7.88917e+00;
    }
    {
        gain = 9.51329e-01;
        offset = -7.68914e+00;
    }
    {
        gain = 9.54168e-01;
        offset = -7.74155e+00;
    }
    {
        gain = 9.49675e-01;
        offset = -7.54620e+00;
    }
    {
        gain = 9.51841e-01;
        offset = -7.82939e+00;
    }
    {
        gain = 9.56330e-01;
        offset = -7.79444e+00;
    }
]
[
    {
        gain = 9.54136e-01;
        offset = -7.86506e+00;
    }
    {
        gain = 9.44979e-01;
        offset = -7.56948e+00;
    }
    {
        gain = 9.49913e-01;
        offset = -7.52398e+00;
    }
    {
        gain = 9.45467e-01;
        offset = -7.49069e+00;
    }

```

```

    }
    {
        gain = 9.53054e-01;
        offset = -7.59529e+00;
    }
    {
        gain = 9.44340e-01;
        offset = -7.60253e+00;
    }
    {
        gain = 9.55036e-01;
        offset = -7.73250e+00;
    }
    {
        gain = 9.43703e-01;
        offset = -7.50647e+00;
    }
    {
        gain = 9.54697e-01;
        offset = -7.80580e+00;
    }
    {
        gain = 9.63088e-01;
        offset = -7.82157e+00;
    }
    {
        gain = 9.61521e-01;
        offset = -7.88917e+00;
    }
    {
        gain = 9.51329e-01;
        offset = -7.68914e+00;
    }
    {
        gain = 9.54168e-01;
        offset = -7.74155e+00;
    }
    {
        gain = 9.49675e-01;
        offset = -7.54620e+00;
    }
    {
        gain = 9.51841e-01;
        offset = -7.82939e+00;
    }
    {
        gain = 9.56330e-01;
        offset = -7.79444e+00;
    }
    ]
}
{
    bandNumber = 4L;
    gainOffsetCoefficient =
    {
        gain = 9.65490e-01;
    }
}

```

```

    offset = -5.10001e+00;
}
lowerReflectanceLimit = 0L;
upperReflectanceLimit = 100L;
referenceDetector = 7L;
useDefaultAbsCalibration = FALSE;
numberDetectors = 16L;
calibrationCoeffs_ =
[
  [
    {
      gain = 9.73852e-01;
      offset = -5.35488e+00;
    }
    {
      gain = 9.53406e-01;
      offset = -5.02594e+00;
    }
    {
      gain = 9.62094e-01;
      offset = -5.08722e+00;
    }
    {
      gain = 9.59279e-01;
      offset = -5.11935e+00;
    }
    {
      gain = 9.61320e-01;
      offset = -5.02877e+00;
    }
    {
      gain = 9.52195e-01;
      offset = -4.96568e+00;
    }
    {
      gain = 9.61056e-01;
      offset = -4.98036e+00;
    }
    {
      gain = 9.53969e-01;
      offset = -4.75572e+00;
    }
    {
      gain = 9.71755e-01;
      offset = -5.27861e+00;
    }
    {
      gain = 9.60461e-01;
      offset = -4.86103e+00;
    }
    {
      gain = 9.65092e-01;
      offset = -5.02796e+00;
    }
    {
      gain = 9.67961e-01;
      offset = -5.13904e+00;
    }
  ]
]

```



```

    }
    {
        gain = 9.52654e-01;
        offset = -5.08902e+00;
    }
    {
        gain = 9.72373e-01;
        offset = -5.39357e+00;
    }
    {
        gain = 9.64388e-01;
        offset = -5.07132e+00;
    }
    {
        gain = 9.68121e-01;
        offset = -5.16750e+00;
    }
]
[
    {
        gain = 9.73852e-01;
        offset = -5.35488e+00;
    }
    {
        gain = 9.53406e-01;
        offset = -5.02594e+00;
    }
    {
        gain = 9.62094e-01;
        offset = -5.08722e+00;
    }
    {
        gain = 9.59279e-01;
        offset = -5.11935e+00;
    }
    {
        gain = 9.61320e-01;
        offset = -5.02877e+00;
    }
    {
        gain = 9.52195e-01;
        offset = -4.96568e+00;
    }
    {
        gain = 9.61056e-01;
        offset = -4.98036e+00;
    }
    {
        gain = 9.53969e-01;
        offset = -4.75572e+00;
    }
    {
        gain = 9.71755e-01;
        offset = -5.27861e+00;
    }
    {
        gain = 9.60461e-01;

```

[illegible]

```

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

```

```
{
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
}
]
]
{
bandNumber = 5L;
gainOffsetCoefficient =
{
    gain = 1.25725e-01;
    offset = -9.99998e-01;
}
lowerReflectanceLimit = 0L;
upperReflectanceLimit = 100L;
referenceDetector = 14L;
```

[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 = 9.54547e-01;
        offset = -7.35943e+00;
    }
    {
        gain = 9.49810e-01;
        offset = -7.53683e+00;
    }
    {
        gain = 9.49512e-01;
        offset = -7.49578e+00;
    }
    {
        gain = 9.43809e-01;
        offset = -7.38629e+00;
    }
    {
        gain = 9.44475e-01;
        offset = -7.31473e+00;
    }
    {
        gain = 9.50894e-01;
        offset = -7.59138e+00;
    }
    {
        gain = 9.62845e-01;
        offset = -7.73395e+00;
    }
    {
        gain = 9.57811e-01;
        offset = -7.64262e+00;
    }
    {
        gain = 9.58317e-01;

```

```

    offset = -7.65641e+00;
  }
  {
    gain = 9.50720e-01;
    offset = -7.48858e+00;
  }
  {
    gain = 9.54708e-01;
    offset = -7.91934e+00;
  }
  {
    gain = 9.61663e-01;
    offset = -7.66778e+00;
  }
  {
    gain = 9.55783e-01;
    offset = -7.65542e+00;
  }
  {
    gain = 9.60383e-01;
    offset = -7.70762e+00;
  }
  {
    gain = 9.57521e-01;
    offset = -7.56430e+00;
  }
  {
    gain = 9.53206e-01;
    offset = -7.70053e+00;
  }
]
[
  {
    gain = 9.54547e-01;
    offset = -7.35943e+00;
  }
  {
    gain = 9.49810e-01;
    offset = -7.53683e+00;
  }
  {
    gain = 9.49512e-01;
    offset = -7.49578e+00;
  }
  {
    gain = 9.43809e-01;
    offset = -7.38629e+00;
  }
  {
    gain = 9.44475e-01;
    offset = -7.31473e+00;
  }
  {
    gain = 9.50894e-01;
    offset = -7.59138e+00;
  }
  {

```



```

        gain = 9.62845e-01;
        offset = -7.73395e+00;
    }
    {
        gain = 9.57811e-01;
        offset = -7.64262e+00;
    }
    {
        gain = 9.58317e-01;
        offset = -7.65641e+00;
    }
    {
        gain = 9.50720e-01;
        offset = -7.48858e+00;
    }
    {
        gain = 9.54708e-01;
        offset = -7.91934e+00;
    }
    {
        gain = 9.61663e-01;
        offset = -7.66778e+00;
    }
    {
        gain = 9.55783e-01;
        offset = -7.65542e+00;
    }
    {
        gain = 9.60383e-01;
        offset = -7.70762e+00;
    }
    {
        gain = 9.57521e-01;
        offset = -7.56430e+00;
    }
    {
        gain = 9.53206e-01;
        offset = -7.70053e+00;
    }
    }
    ]
}
{
    bandNumber = 6L;
    gainOffsetCoefficient =
    {
        gain = 6.68235e-02;
        offset = 0.00000e+00;
    }
    lowerReflectanceLimit = 0L;
    upperReflectanceLimit = 100L;
    referenceDetector = 8L;
    useDefaultAbsCalibration = FALSE;
    numberDetectors = 8L;
    calibrationCoeffs_ =
    [

```

```

    {
        gain = 8.68028e-01;
        offset = 2.63195e+01;
    }
    {
        gain = 8.83832e-01;
        offset = 2.45786e+01;
    }
    {
        gain = 8.59204e-01;
        offset = 2.71084e+01;
    }
    {
        gain = 8.61571e-01;
        offset = 2.68283e+01;
    }
    {
        gain = 8.43182e-01;
        offset = 2.87278e+01;
    }
    {
        gain = 8.85573e-01;
        offset = 2.43387e+01;
    }
    {
        gain = 8.42583e-01;
        offset = 2.87809e+01;
    }
    {
        gain = 8.28325e-01;
        offset = 3.02136e+01;
    }
]
[
    {
        gain = 8.68028e-01;
        offset = 2.63195e+01;
    }
    {
        gain = 8.83832e-01;
        offset = 2.45786e+01;
    }
    {
        gain = 8.59204e-01;
        offset = 2.71084e+01;
    }
    {
        gain = 8.61571e-01;
        offset = 2.68283e+01;
    }
    {
        gain = 8.43182e-01;
        offset = 2.87278e+01;
    }
    {
        gain = 8.85573e-01;
        offset = 2.43387e+01;
    }

```

```

    }
    {
        gain = 8.42583e-01;
        offset = 2.87809e+01;
    }
    {
        gain = 8.28325e-01;
        offset = 3.02136e+01;
    }
]
[
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
]
[
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
]

```

```

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

```

[illegible]

[illegible]

```
    gain = 9.51545e-01;
    offset = -7.71683e+00;
}
{
    gain = 9.47657e-01;
    offset = -7.49306e+00;
}
{
    gain = 9.62479e-01;
    offset = -7.72154e+00;
}
{
    gain = 9.28833e-01;
    offset = -7.37735e+00;
}
{
    gain = 9.49358e-01;
    offset = -7.46056e+00;
}
{
    gain = 9.61353e-01;
    offset = -7.67937e+00;
}
{
    gain = 9.52784e-01;
    offset = -7.60517e+00;
}
{
    gain = 9.51295e-01;
    offset = -7.56218e+00;
}
{
    gain = 9.53478e-01;
    offset = -7.62065e+00;
}
{
    gain = 9.58656e-01;
    offset = -7.63187e+00;
}
{
    gain = 9.58336e-01;
    offset = -7.72853e+00;
}
{
    gain = 9.59275e-01;
    offset = -7.79047e+00;
}
{
    gain = 9.51166e-01;
    offset = -7.51869e+00;
}
{
    gain = 9.61573e-01;
    offset = -7.73169e+00;
}
{
    gain = 9.53685e-01;
```

```

        offset = -7.76103e+00;
    }
    {
        gain = 9.52261e-01;
        offset = -7.70195e+00;
    }
]
[
    {
        gain = 9.51545e-01;
        offset = -7.71683e+00;
    }
    {
        gain = 9.47657e-01;
        offset = -7.49306e+00;
    }
    {
        gain = 9.62479e-01;
        offset = -7.72154e+00;
    }
    {
        gain = 9.28833e-01;
        offset = -7.37735e+00;
    }
    {
        gain = 9.49358e-01;
        offset = -7.46056e+00;
    }
    {
        gain = 9.61353e-01;
        offset = -7.67937e+00;
    }
    {
        gain = 9.52784e-01;
        offset = -7.60517e+00;
    }
    {
        gain = 9.51295e-01;
        offset = -7.56218e+00;
    }
    {
        gain = 9.53478e-01;
        offset = -7.62065e+00;
    }
    {
        gain = 9.58656e-01;
        offset = -7.63187e+00;
    }
    {
        gain = 9.58336e-01;
        offset = -7.72853e+00;
    }
    {
        gain = 9.59275e-01;
        offset = -7.79047e+00;
    }
    {

```



```

        gain = 9.51166e-01;
        offset = -7.51869e+00;
    }
    {
        gain = 9.61573e-01;
        offset = -7.73169e+00;
    }
    {
        gain = 9.53685e-01;
        offset = -7.76103e+00;
    }
    {
        gain = 9.52261e-01;
        offset = -7.70195e+00;
    }
    ]
]
}
{
    bandNumber = 8L;
    gainOffsetCoefficient =
    {
        gain = 9.71765e-01;
        offset = -4.70000e+00;
    }
    lowerReflectanceLimit = 0L;
    upperReflectanceLimit = 100L;
    referenceDetector = 27L;
    useDefaultAbsCalibration = FALSE;
    numberDetectors = 32L;
    calibrationCoeffs_ =
    [
        [
            {
                gain = 9.62987e-01;
                offset = -4.77044e+00;
            }
            {
                gain = 9.66812e-01;
                offset = -4.69704e+00;
            }
            {
                gain = 9.68450e-01;
                offset = -4.77012e+00;
            }
            {
                gain = 9.65772e-01;
                offset = -4.62758e+00;
            }
            {
                gain = 9.54367e-01;
                offset = -4.49232e+00;
            }
            {
                gain = 9.58347e-01;
                offset = -4.62964e+00;
            }
        ]
    ]
}

```

```
{
    gain = 9.56860e-01;
    offset = -4.51208e+00;
}
{
    gain = 9.66398e-01;
    offset = -4.53901e+00;
}
{
    gain = 9.53759e-01;
    offset = -4.64580e+00;
}
{
    gain = 9.61452e-01;
    offset = -4.55022e+00;
}
{
    gain = 9.57106e-01;
    offset = -4.66777e+00;
}
{
    gain = 9.62586e-01;
    offset = -4.67206e+00;
}
{
    gain = 9.58948e-01;
    offset = -4.62962e+00;
}
{
    gain = 9.66151e-01;
    offset = -4.73117e+00;
}
{
    gain = 9.50848e-01;
    offset = -4.51914e+00;
}
{
    gain = 9.66137e-01;
    offset = -4.67120e+00;
}
{
    gain = 9.69848e-01;
    offset = -4.92623e+00;
}
{
    gain = 9.59495e-01;
    offset = -4.87569e+00;
}
{
    gain = 9.60685e-01;
    offset = -4.84621e+00;
}
{
    gain = 9.62926e-01;
    offset = -4.62781e+00;
}
}
```

```

    gain = 9.56963e-01;
    offset = -4.85053e+00;
}
{
    gain = 9.58899e-01;
    offset = -4.63288e+00;
}
{
    gain = 9.51499e-01;
    offset = -4.49147e+00;
}
{
    gain = 9.51267e-01;
    offset = -4.39075e+00;
}
{
    gain = 9.65977e-01;
    offset = -4.55133e+00;
}
{
    gain = 9.56060e-01;
    offset = -4.50761e+00;
}
{
    gain = 9.66479e-01;
    offset = -4.67085e+00;
}
{
    gain = 9.58817e-01;
    offset = -4.45453e+00;
}
{
    gain = 9.66442e-01;
    offset = -4.74557e+00;
}
{
    gain = 9.53209e-01;
    offset = -4.53250e+00;
}
{
    gain = 9.67736e-01;
    offset = -4.77242e+00;
}
{
    gain = 9.56193e-01;
    offset = -4.67371e+00;
}
]
[
    {
        gain = 9.62987e-01;
        offset = -4.77044e+00;
    }
    {
        gain = 9.66812e-01;
        offset = -4.69704e+00;
    }
}

```

```
{
    gain = 9.68450e-01;
    offset = -4.77012e+00;
}
{
    gain = 9.65772e-01;
    offset = -4.62758e+00;
}
{
    gain = 9.54367e-01;
    offset = -4.49232e+00;
}
{
    gain = 9.58347e-01;
    offset = -4.62964e+00;
}
{
    gain = 9.56860e-01;
    offset = -4.51208e+00;
}
{
    gain = 9.66398e-01;
    offset = -4.53901e+00;
}
{
    gain = 9.53759e-01;
    offset = -4.64580e+00;
}
{
    gain = 9.61452e-01;
    offset = -4.55022e+00;
}
{
    gain = 9.57106e-01;
    offset = -4.66777e+00;
}
{
    gain = 9.62586e-01;
    offset = -4.67206e+00;
}
{
    gain = 9.58948e-01;
    offset = -4.62962e+00;
}
{
    gain = 9.66151e-01;
    offset = -4.73117e+00;
}
{
    gain = 9.50848e-01;
    offset = -4.51914e+00;
}
{
    gain = 9.66137e-01;
    offset = -4.67120e+00;
}
}
```

```
    gain = 9.69848e-01;
    offset = -4.92623e+00;
}
{
    gain = 9.59495e-01;
    offset = -4.87569e+00;
}
{
    gain = 9.60685e-01;
    offset = -4.84621e+00;
}
{
    gain = 9.62926e-01;
    offset = -4.62781e+00;
}
{
    gain = 9.56963e-01;
    offset = -4.85053e+00;
}
{
    gain = 9.58899e-01;
    offset = -4.63288e+00;
}
{
    gain = 9.51499e-01;
    offset = -4.49147e+00;
}
{
    gain = 9.51267e-01;
    offset = -4.39075e+00;
}
{
    gain = 9.65977e-01;
    offset = -4.55133e+00;
}
{
    gain = 9.56060e-01;
    offset = -4.50761e+00;
}
{
    gain = 9.66479e-01;
    offset = -4.67085e+00;
}
{
    gain = 9.58817e-01;
    offset = -4.45453e+00;
}
{
    gain = 9.66442e-01;
    offset = -4.74557e+00;
}
{
    gain = 9.53209e-01;
    offset = -4.53250e+00;
}
{
    gain = 9.67736e-01;
```

[illegible]

[illegible]

[illegible]

[illegible]

```

        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        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 = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
]
[
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
    {
        gain = 1.000000e+00;
        offset = 0.000000e+00;
    }
]
```

```

    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
    {
        gain = 1.00000e+00;
        offset = 0.00000e+00;
    }
]
[
    {
        gain = 9.45162e-01;
        offset = 3.51199e+00;
    }
    {
        gain = 9.60065e-01;
        offset = 1.87348e+00;
    }
    {
        gain = 9.32456e-01;
        offset = 4.75007e+00;
    }
    {
        gain = 9.34678e-01;
        offset = 4.40930e+00;
    }
    {
        gain = 9.16703e-01;
        offset = 6.24128e+00;
    }
    {
        gain = 9.66086e-01;
        offset = 1.05051e+00;
    }
    {
        gain = 9.13035e-01;
        offset = 6.57079e+00;
    }
    {
        gain = 8.95908e-01;
        offset = 8.26904e+00;
    }
]
[
    {
        gain = 9.45162e-01;
        offset = 3.51199e+00;
    }
    {
        gain = 9.60065e-01;
        offset = 1.87348e+00;
    }
    {
        gain = 9.32456e-01;
        offset = 4.75007e+00;
    }
    {

```

```

        gain = 9.34678e-01;
        offset = 4.40930e+00;
    }
    {
        gain = 9.16703e-01;
        offset = 6.24128e+00;
    }
    {
        gain = 9.66086e-01;
        offset = 1.05051e+00;
    }
    {
        gain = 9.13035e-01;
        offset = 6.57079e+00;
    }
    {
        gain = 8.95908e-01;
        offset = 8.26904e+00;
    }
    ]
    ]
    }
    ]
    }
    }
}
=====
RadQa.input:
=====
{
    commonChildInputParams =
    {
        productSceneHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Product_"
;
        reportName = "RadQa.report";
    }
    MeasureBandSaturation = TRUE;
    ImagePathname =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Product__
OPR_MsResampler.tif";
    MeasureDetectorStriping = TRUE;
    satelllite = "LS7 ";
    sensor = "ETMP";
}
=====
RadQa.report:
=====
{
    ReportHeader =
    {
        ReportName = "RadiometricQA_Report";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "lld210820008100001";
        StartTime = "Tue Aug 28 11:06:31 2001";
        StartTimeRecord =
        {

```

```

    year = 2001;
    month = 8;
    day = 28;
    hour = 11;
    minute = 6;
    sec = 31;
    usec = 0;
    time_system = 2;
}
CompletionTime = "Tue Aug 28 11:06:33 2001";
CompletionTimeRecord =
{
    year = 2001;
    month = 8;
    day = 28;
    hour = 11;
    minute = 6;
    sec = 33;
    usec = 0;
    time_system = 2;
}
CpuTime = 6.500000000000000e-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 = 0.0000000000000000e+00;
    PercentSaturatedPixels = 0.0000000000000000e+00;
}
{
    Band = 8L;
    NumSaturatedPixels = 0.0000000000000000e+00;
    PercentSaturatedPixels = 0.0000000000000000e+00;
}
{
    Band = 9L;
    NumSaturatedPixels = 0.0000000000000000e+00;
    PercentSaturatedPixels = 0.0000000000000000e+00;
}
]
StripingMeasurement =
{
    BandMeasurements =
    [
        {
            Band = 1L;
            BandStriping = 3.427616419926485e-01;
        }
        {
            Band = 2L;
            BandStriping = 4.411815321663540e-01;
        }
        {
            Band = 3L;
            BandStriping = 5.695933398367082e-01;
        }
        {
            Band = 4L;
            BandStriping = 4.601905023209278e-01;
        }
        {
            Band = 5L;
            BandStriping = 6.933899032001382e-01;
        }
        {
            Band = 6L;
            BandStriping = 1.909465217894924e-01;
        }
        {
            Band = 7L;
            BandStriping = 3.345602155902223e-01;
        }
        {
            Band = 8L;
            BandStriping = 4.757321335350435e-01;
        }
        {
            Band = 9L;
            BandStriping = 3.239883470308335e-01;
        }
    ]
}
ChipMeasurements =
[

```

```

{
  Band = 1L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 1.197599975585938e+03;
  CentrePixelAttr = 1.268000000000000e+03;
  Mean = 6.891082763671875e+01;
  StandardDeviation = 1.477029563814470e+00;
  ChipStriping = 1.279431183697255e-01;
}
{
  Band = 1L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 2.394199951171875e+03;
  CentrePixelAttr = 2.535000000000000e+03;
  Mean = 8.020147705078125e+01;
  StandardDeviation = 6.519743033969670e+00;
  ChipStriping = 5.679090626633796e-01;
}
{
  Band = 1L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 3.590800048828125e+03;
  CentrePixelAttr = 3.802000244140625e+03;
  Mean = 6.448498535156250e+01;
  StandardDeviation = 1.237881322111333e+00;
  ChipStriping = 1.303133286914607e-01;
}
{
  Band = 1L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 4.787399902343750e+03;
  CentrePixelAttr = 5.069000000000000e+03;
  Mean = 8.478253173828125e+01;
  StandardDeviation = 3.303533114593018e+01;
  ChipStriping = 5.448810582460283e-01;
}
{
  Band = 2L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 1.197599975585938e+03;
  CentrePixelAttr = 1.268000000000000e+03;
  Mean = 5.273376464843750e+01;
  StandardDeviation = 1.779307757950464e+00;
  ChipStriping = 1.604886344009884e-01;
}
{
  Band = 2L;
  Lines = 128L;
  PixelsPerLine = 128L;
  CentreLineAttr = 2.394199951171875e+03;
  CentrePixelAttr = 2.535000000000000e+03;
  Mean = 5.861791992187500e+01;

```



```

StandardDeviation = 6.115201503454538e+00;
ChipStriping = 4.422278877695516e-01;
}
{
Band = 2L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 3.590800048828125e+03;
CentrePixelAttr = 3.802000244140625e+03;
Mean = 5.058477783203125e+01;
StandardDeviation = 1.761467578474726e+00;
ChipStriping = 1.229535705124077e-01;
}
{
Band = 2L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 4.787399902343750e+03;
CentrePixelAttr = 5.069000000000000e+03;
Mean = 6.853021240234375e+01;
StandardDeviation = 3.878979495640063e+01;
ChipStriping = 1.039056035982469e+00;
}
{
Band = 3L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 1.197599975585938e+03;
CentrePixelAttr = 1.268000000000000e+03;
Mean = 3.800311279296875e+01;
StandardDeviation = 2.617014835839597e+00;
ChipStriping = 2.888536032869781e-01;
}
{
Band = 3L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 2.394199951171875e+03;
CentrePixelAttr = 2.535000000000000e+03;
Mean = 4.719042968750000e+01;
StandardDeviation = 7.406852343567023e+00;
ChipStriping = 6.039693260374425e-01;
}
{
Band = 3L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 3.590800048828125e+03;
CentrePixelAttr = 3.802000244140625e+03;
Mean = 3.844500732421875e+01;
StandardDeviation = 2.582414681564973e+00;
ChipStriping = 3.627852391859786e-01;
}
{
Band = 3L;
Lines = 128L;
PixelsPerLine = 128L;

```

```

CentreLineAttr = 4.787399902343750e+03;
CentrePixelAttr = 5.069000000000000e+03;
Mean = 6.004888916015625e+01;
StandardDeviation = 4.050981308821319e+01;
ChipStriping = 1.022765190836434e+00;
}
{
Band = 4L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 1.197599975585938e+03;
CentrePixelAttr = 1.268000000000000e+03;
Mean = 9.054278564453125e+01;
StandardDeviation = 7.22612359096253e+00;
ChipStriping = 4.014455675286207e-01;
}
{
Band = 4L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 2.394199951171875e+03;
CentrePixelAttr = 2.535000000000000e+03;
Mean = 7.165716552734375e+01;
StandardDeviation = 1.788516452188658e+01;
ChipStriping = 4.481402085812264e-01;
}
{
Band = 4L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 3.590800048828125e+03;
CentrePixelAttr = 3.802000244140625e+03;
Mean = 9.562084960937500e+01;
StandardDeviation = 8.649633471352841e+00;
ChipStriping = 2.596397332365949e-01;
}
{
Band = 4L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 4.787399902343750e+03;
CentrePixelAttr = 5.069000000000000e+03;
Mean = 5.601428222656250e+01;
StandardDeviation = 1.540673654370263e+01;
ChipStriping = 7.315364999372693e-01;
}
{
Band = 5L;
Lines = 128L;
PixelsPerLine = 128L;
CentreLineAttr = 1.197599975585938e+03;
CentrePixelAttr = 1.268000000000000e+03;
Mean = 5.872949218750000e+01;
StandardDeviation = 1.361914689219659e+01;
ChipStriping = 1.054492321841786e+00;
}
{

```

```

    Band = 5L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.394199951171875e+03;
    CentrePixelAttr = 2.535000000000000e+03;
    Mean = 7.591436767578125e+01;
    StandardDeviation = 5.001773844049030e+00;
    ChipStriping = 5.189665830506989e-01;
}
{
    Band = 5L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 3.590800048828125e+03;
    CentrePixelAttr = 3.802000244140625e+03;
    Mean = 8.056634521484375e+01;
    StandardDeviation = 1.383707644275567e+01;
    ChipStriping = 6.152261030185013e-01;
}
{
    Band = 5L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 4.787399902343750e+03;
    CentrePixelAttr = 5.069000000000000e+03;
    Mean = 4.463336181640625e+01;
    StandardDeviation = 9.365968661316431e+00;
    ChipStriping = 5.848746048895661e-01;
}
{
    Band = 6L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 5.992000122070312e+02;
    CentrePixelAttr = 6.344000244140625e+02;
    Mean = 1.225885620117188e+02;
    StandardDeviation = 5.113746875037812e+00;
    ChipStriping = 3.044967641881318e-01;
}
{
    Band = 6L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.197400024414062e+03;
    CentrePixelAttr = 1.267800048828125e+03;
    Mean = 1.304264526367188e+02;
    StandardDeviation = 1.274548950949257e+00;
    ChipStriping = 1.686624641919252e-01;
}
{
    Band = 6L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.795600097656250e+03;
    CentrePixelAttr = 1.901200073242188e+03;
    Mean = 1.203105468750000e+02;
    StandardDeviation = 2.732789195568248e+00;

```

```

    ChipStriping = 1.622041874730533e-01;
}
{
    Band = 6L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.393800048828125e+03;
    CentrePixelAttr = 2.534600097656250e+03;
    Mean = 1.205512084960938e+02;
    StandardDeviation = 1.269383933983453e+00;
    ChipStriping = 1.284226713048592e-01;
}
{
    Band = 7L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.197599975585938e+03;
    CentrePixelAttr = 1.268000000000000e+03;
    Mean = 2.968688964843750e+01;
    StandardDeviation = 3.956781993294703e+00;
    ChipStriping = 4.971225794800855e-01;
}
{
    Band = 7L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.394199951171875e+03;
    CentrePixelAttr = 2.535000000000000e+03;
    Mean = 3.963891601562500e+01;
    StandardDeviation = 3.563222569252394e+00;
    ChipStriping = 2.718519848850233e-01;
}
{
    Band = 7L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 3.590800048828125e+03;
    CentrePixelAttr = 3.802000244140625e+03;
    Mean = 4.074853515625000e+01;
    StandardDeviation = 7.509886821269884e+00;
    ChipStriping = 2.504328217238163e-01;
}
{
    Band = 7L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 4.787399902343750e+03;
    CentrePixelAttr = 5.069000000000000e+03;
    Mean = 2.739965820312500e+01;
    StandardDeviation = 7.061122148011032e+00;
    ChipStriping = 3.188334762719640e-01;
}
{
    Band = 8L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.394400146484375e+03;

```

```

    CentrePixelAttr = 2.536800048828125e+03;
    Mean = 5.434179687500000e+01;
    StandardDeviation = 5.383661610108247e+00;
    ChipStriping = 4.082845663275259e-01;
}
{
    Band = 8L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 4.787800292968750e+03;
    CentrePixelAttr = 5.072600097656250e+03;
    Mean = 6.521130371093750e+01;
    StandardDeviation = 6.254911237141378e+00;
    ChipStriping = 2.468525675569198e-01;
}
{
    Band = 8L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 7.181200195312500e+03;
    CentrePixelAttr = 7.608400390625000e+03;
    Mean = 5.441418457031250e+01;
    StandardDeviation = 9.679811194386158e+00;
    ChipStriping = 2.459706607881660e-01;
}
{
    Band = 8L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 9.574600585937500e+03;
    CentrePixelAttr = 1.014420019531250e+04;
    Mean = 6.204351806640625e+01;
    StandardDeviation = 1.640815795510342e+01;
    ChipStriping = 1.001820739467562e+00;
}
{
    Band = 9L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 5.992000122070312e+02;
    CentrePixelAttr = 6.344000244140625e+02;
    Mean = 1.349495849609375e+02;
    StandardDeviation = 9.235521680215649e+00;
    ChipStriping = 5.210177343851765e-01;
}
{
    Band = 9L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.197400024414062e+03;
    CentrePixelAttr = 1.267800048828125e+03;
    Mean = 1.491201171875000e+02;
    StandardDeviation = 2.267082008941475e+00;
    ChipStriping = 2.797001819761621e-01;
}
{
    Band = 9L;

```

```

    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 1.795600097656250e+03;
    CentrePixelAttr = 1.901200073242188e+03;
    Mean = 1.308781127929688e+02;
    StandardDeviation = 4.928213279561751e+00;
    ChipStriping = 2.800353066559358e-01;
  }
  {
    Band = 9L;
    Lines = 128L;
    PixelsPerLine = 128L;
    CentreLineAttr = 2.393800048828125e+03;
    CentrePixelAttr = 2.534600097656250e+03;
    Mean = 1.312965087890625e+02;
    StandardDeviation = 2.283910764053100e+00;
    ChipStriping = 2.152001651060593e-01;
  }
]
}
Evaluation =
[
  {
    Band = 1L;
    StripingTolerance = 1.000000000000000e+00;
    BandPassed = TRUE;
  }
  {
    Band = 2L;
    StripingTolerance = 1.000000000000000e+00;
    BandPassed = TRUE;
  }
  {
    Band = 3L;
    StripingTolerance = 1.000000000000000e+00;
    BandPassed = TRUE;
  }
  {
    Band = 4L;
    StripingTolerance = 1.000000000000000e+00;
    BandPassed = TRUE;
  }
  {
    Band = 5L;
    StripingTolerance = 1.000000000000000e+00;
    BandPassed = TRUE;
  }
  {
    Band = 6L;
    StripingTolerance = 1.000000000000000e+00;
    BandPassed = TRUE;
  }
  {
    Band = 7L;
    StripingTolerance = 1.000000000000000e+00;
    BandPassed = TRUE;
  }
]

```

```

    {
        Band = 8L;
        StripingTolerance = 1.0000000000000000e+00;
        BandPassed = TRUE;
    }
    {
        Band = 9L;
        StripingTolerance = 1.0000000000000000e+00;
        BandPassed = TRUE;
    }
]
}
=====
BlacklineQa.input:
=====
{
    commonChildInputParams =
    {
        productSceneHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Product_"
;
        reportName = "BlacklineQa.report";
    }
    ImagePathname =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Product__
OPR_MsResampler.tif";
}
=====
GeoQa.input:
=====
{
    commonChildInputParams =
    {
        inputSceneHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Input_";
        productSceneHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Product_"
;
        outputSceneHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Output_";
        reportName = "GeoQa.report";
    }
    MeasureBandSaturation = TRUE;
    MeasureDetectorStriping = FALSE;
    EvaluationRequired = TRUE;
    ImagePathname =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/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 = "lld210820008100001";
    StartTime = "Tue Aug 28 11:06:36 2001";
    StartTimeRecord =
    {
      year = 2001;
      month = 8;
      day = 28;
      hour = 11;
      minute = 6;
      sec = 36;
      usec = 0;
      time_system = 2;
    }
    CompletionTime = "Tue Aug 28 12:06:38 2001";
    CompletionTimeRecord =
    {
      year = 2001;
      month = 8;
      day = 28;
      hour = 12;
      minute = 6;
      sec = 38;
      usec = 0;
      time_system = 2;
    }
    CpuTime = 1.2210000000000000e+01;
  }
  NumQaControlPoints = 7L;
  Mean =
  {
    AlongTrack = -7.067747116088867e+00;
    AcrossTrack = -3.330097913742065e+00;
    Height = 0.0000000000000000e+00;
    Combined = 7.812976360321045e+00;
  }
  StandardDeviation =
  {
    AlongTrack = 1.328157043457031e+01;
    AcrossTrack = 1.612053489685059e+01;
    Height = 0.0000000000000000e+00;
    Combined = 2.088711929321289e+01;
  }
  MeasuredAbsoluteError =
  {
    AlongTrack = 1.504503726959229e+01;
    AcrossTrack = 1.646089935302734e+01;
    Height = 0.0000000000000000e+00;
    Combined = 2.230054664611816e+01;
  }
  MapAndDigitizationError = 1.143135259278707e+01;
  MarkingError = 7.500000000000000e+00;
  AbsoluteProductAccuracy =

```



```

{
    AlongTrack = 6.279118118239308e+00;
    AcrossTrack = 9.167081619025559e+00;
    Height = 0.000000000000000e+00;
    Combined = 1.111137749123291e+01;
}
RelativeProductAccuracy =
{
    AlongTrack = 0.000000000000000e+00;
    AcrossTrack = 8.540832702960396e+00;
    Height = 0.000000000000000e+00;
    Combined = 8.540832702960396e+00;
}
Evaluation =
{
    AbsoluteTolerance = 1.500000000000000e+01;
    RelativeTolerance = 1.500000000000000e+01;
    PassedGeometricQa = TRUE;
}
ControlPointSummary =
[
    {
        CpNumber = 8827L;
        CpKind = "SCP";
        AutoMarked = TRUE;
        MarkedImageCoordLine = 1.215168066406250e+04;
        MarkedImageCoordPixel = 3.436546875000000e+03;
        GeodeticLatitude = 4.678641755895648e+01;
        GeodeticLongitude = -1.227167935589552e+02;
        Height = 1.344150555441156e+02;
        EarthModelName = "NAD83";
        AlongTrackResidual = -1.834609734183853e+00;
        AcrossTrackResidual = 1.605610243895981e+00;
        HeightResidual = 0.000000000000000e+00;
        CombinedResidual = 2.437986286275183e+00;
    }
    {
        CpNumber = 8728L;
        CpKind = "RCP";
        AutoMarked = TRUE;
        MarkedImageCoordLine = 1.195564062500000e+04;
        MarkedImageCoordPixel = 9.977126953125000e+03;
        GeodeticLatitude = 4.683054433774332e+01;
        GeodeticLongitude = -1.214324391453944e+02;
        Height = 1.467083999759518e+03;
        EarthModelName = "NAD83";
        AlongTrackResidual = -6.543954042884413e+00;
        AcrossTrackResidual = 1.058657689451728e+01;
        HeightResidual = 0.000000000000000e+00;
        CombinedResidual = 1.244584046414345e+01;
    }
    {
        CpNumber = 8446L;
        CpKind = "RCP";
        AutoMarked = TRUE;
        MarkedImageCoordLine = 7.695730468750000e+03;
        MarkedImageCoordPixel = 1.261176367187500e+04;
    }

```

```

GeodeticLatitude = 4.740822951087645e+01;
GeodeticLongitude = -1.209185474533140e+02;
Height = 1.414528999752365e+03;
EarthModelName = "NAD83";
AlongTrackResidual = 2.088682447244828e+00;
AcrossTrackResidual = -1.676809705013252e+01;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 1.689768247565599e+01;
}
{
CpNumber = 8374L;
CpKind = "RCP";
AutoMarked = TRUE;
MarkedImageCoordLine = 3.071061279296875e+03;
MarkedImageCoordPixel = 3.433974121093750e+03;
GeodeticLatitude = 4.801115523177877e+01;
GeodeticLongitude = -1.227685942726007e+02;
Height = 3.506699999142438e+01;
EarthModelName = "NAD83";
AlongTrackResidual = -1.785309702261305e+01;
AcrossTrackResidual = 4.359801674017870e+00;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 1.837772956421995e+01;
}
{
CpNumber = 8364L;
CpKind = "SCP";
AutoMarked = TRUE;
MarkedImageCoordLine = 1.157471801757812e+03;
MarkedImageCoordPixel = 3.601190185546875e+03;
GeodeticLatitude = 4.812543304209750e+01;
GeodeticLongitude = -1.220140897924023e+02;
Height = 6.495005800575018e+01;
EarthModelName = "NAD83";
AlongTrackResidual = -2.931172259475626e+01;
AcrossTrackResidual = -8.092158801581551e+00;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 3.040822447203977e+01;
}
{
CpNumber = 8200L;
CpKind = "RCP";
AutoMarked = TRUE;
MarkedImageCoordLine = 2.676277099609375e+03;
MarkedImageCoordPixel = 6.767274902343750e+03;
GeodeticLatitude = 4.772477118917527e+01;
GeodeticLongitude = -1.207364797667532e+02;
Height = 6.236207989370450e+02;
EarthModelName = "NAD83";
AlongTrackResidual = 1.518280930642921e+01;
AcrossTrackResidual = -3.303431097095940e+01;
HeightResidual = 0.000000000000000e+00;
CombinedResidual = 3.635633919636907e+01;
}
{
CpNumber = 25915L;
CpKind = "GCP";

```

```

        AutoMarked = FALSE;
        MarkedImageCoordLine = 4.665733886718750e+03;
        MarkedImageCoordPixel = 6.322844238281250e+03;
        GeodeticLatitude = 4.718781387272748e+01;
        GeodeticLongitude = -1.209106233302309e+02;
        Height = 5.739779998995364e+02;
        EarthModelName = "NAD83";
        AlongTrackResidual = -1.120233766471390e+01;
        AcrossTrackResidual = 1.803189344270595e+01;
        HeightResidual = 0.000000000000000e+00;
        CombinedResidual = 2.122831953507789e+01;
    }
}
]
}
=====
ProductFormatting_0.input:
=====
{
    commonChildInputParams =
    {
        inputSceneHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Input_";
        productSceneHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Product_";
    };
    outputSceneHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/";
    reportName = "ProductFormatting_0.report";
}
    imagePathname =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Product__
OPR_MsResampler.tif";
    demPathname ?=
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/DEM__OPR_
WarpResampler.tif";
    productLocation =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/";
    commonFormattingParams =
    {
        satellite = "LS7 ";
        sensor = "ETMP";
        dataStartTime =
        {
            year = 2000;
            month = 7;
            day = 7;
            hour = 18;
            minute = 47;
            sec = 13;
            usec = 0;
            time_system = 2;
        }
        inputMediumType = 4;
        processingLevel = 3;
        standardProductProcessingLevel = "Precision Geocorrection";
        performRadiometricCorrection = TRUE;
        radiometricAlgorithm = 1;
    }
}

```

```

resamplingKernel ?= "CC";
performDEM_Correction = TRUE;
performElevationCorrection = FALSE;
performAtmosphericCorrection = FALSE;
mapProjectionParams =
{
  projDescription =
  {
    projName = "SPCS";
    projection = 2;
    projCoeffs =
    [
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
      0.0000000000000000e+00;
    ]
    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;
}
inputLimits =
{
  inputLimits =
  [
    {
      startPixel = 1;
      endPixel = 6336;
      startLine = 1;
    }
  ]
}

```

```

        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 1;
        endLine = 2992;
    }
    {
        startPixel = 1;
        endPixel = 6336;
        startLine = 1;
        endLine = 5984;
    }
    {
        startPixel = 1;
        endPixel = 12672;
        startLine = 1;
        endLine = 11968;
    }
    {
        startPixel = 1;
        endPixel = 3168;
        startLine = 1;
        endLine = 2992;
    }
    ]
}
quadrant = 5;
path = 46;
row = 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 ?=
"/diskIngest1/temp/01101082000810001/L71EDC180018918010_HDF.012321750";
}
}
=====
ProductFormatting_0.output:
=====
{
    ReportHeader =
    {
        ReportName = "ProductFormattingReport";
        VersionNumber = 1.0000000000000000e+00;
        WorkOrderId = "lld210820008100001";
        StartTime = "Tue Aug 28 12:06:40 2001";
        StartTimeRecord =
        {
            year = 2001;
            month = 8;
            day = 28;
            hour = 12;
            minute = 6;
            sec = 40;
            usec = 0;
            time_system = 2;
        }
        CompletionTime = "Tue Aug 28 12:07:26 2001";
        CompletionTimeRecord =

```

```

{
    year = 2001;
    month = 8;
    day = 28;
    hour = 12;
    minute = 7;
    sec = 26;
    usec = 0;
    time_system = 2;
}
CpuTime = 1.9990000000000000e+01;
}
OutputFormat = "NDF";
ImageOrganization = "BSQ";
OutputPixelHeight = 3.0000000000000000e+01F;
OutputPixelWidth = 3.0000000000000000e+01F;
OutputBands =
[
    1L;
    2L;
    3L;
    4L;
    5L;
    6L;
    7L;
    8L;
    9L;
]
SceneCentreDateTime =
{
    year = 2000;
    month = 7;
    day = 7;
    hour = 18;
    minute = 47;
    sec = 13;
    usec = 33249;
    time_system = 2;
}
SceneStartDateTime =
{
    year = 2000;
    month = 7;
    day = 7;
    hour = 18;
    minute = 46;
    sec = 59;
    usec = 635944;
    time_system = 2;
}
SceneEndDateTime =
{
    year = 2000;
    month = 7;
    day = 7;
    hour = 18;
    minute = 47;

```

```

    sec = 26;
    usec = 469318;
    time_system = 2;
}
SceneCentreLatLong =
{
    Latitude = 4.745089009567919e+01;
    Longitude = -1.218948034658696e+02;
}
TopLeftLatLong =
{
    Latitude = 4.840931034051464e+01;
    Longitude = -1.234813481201250e+02;
}
TopRightLatLong =
{
    Latitude = 4.844673458430320e+01;
    Longitude = -1.203596170769292e+02;
}
BottomLeftLatLong =
{
    Latitude = 4.643508023342721e+01;
    Longitude = -1.233733339494349e+02;
}
BottomRightLatLong =
{
    Latitude = 4.647117951516744e+01;
    Longitude = -1.203647077236313e+02;
}
TopLeftMap =
{
    Northing = 3.461399999983646e+05;
    Easting = 2.79239999999373e+05;
}
TopRightMap =
{
    Northing = 3.461399999983739e+05;
    Easting = 5.103900000000027e+05;
}
BottomLeftMap =
{
    Northing = 1.26479999999935e+05;
    Easting = 2.792400000000004e+05;
}
BottomRightMap =
{
    Northing = 1.26479999999935e+05;
    Easting = 5.103900000000003e+05;
}
ImageLines = 7323L;
ImagePixels = 7706L;
ImageOrientation = 0.000000000000000e+00;
OffNadirAngle = 6.225344125499728e-02;
SunElevation = 5.988026465893383e+01;
SunAzimuth = 1.379235026003817e+02;
NumberOfVolumes = 1;
MediaIdList =

```



```

[
    ""
]
OrbitNumber = 86969;
StartFileNumber = 1;
NumberOfFiles = 13;
ProductSize = 5.650864906311035e+02;
SatelliteData =
[
    {
        Time =
        {
            year = 2000L;
            month = 7L;
            day = 7L;
            hour = 18L;
            minute = 46L;
            sec = 59L;
            usec = 635944L;
            time_system = 2L;
        }
        OrbitState =
        {
            Latitude = 4.805412639954497e+01;
            Longitude = -1.215764451623645e+02;
            Radius = 7.075292385825251e+06;
        }
        AttitudeState =
        {
            Roll = -7.605898655475917e-04;
            Pitch = 2.150841982855119e-04;
            Yaw = 7.917280790115181e-05;
        }
    }
    {
        Time =
        {
            year = 2000L;
            month = 7L;
            day = 7L;
            hour = 18L;
            minute = 47L;
            sec = 13L;
            usec = 33249L;
            time_system = 2L;
        }
        OrbitState =
        {
            Latitude = 4.725812101932875e+01;
            Longitude = -1.218879738477515e+02;
            Radius = 7.075412163557411e+06;
        }
        AttitudeState =
        {
            Roll = -7.929845378116100e-04;
            Pitch = 1.873041071528776e-04;
            Yaw = 1.096403659383157e-04;
        }
    }
]

```

```

    }
  }
  {
    Time =
    {
      year = 2000L;
      month = 7L;
      day = 7L;
      hour = 18L;
      minute = 47L;
      sec = 26L;
      usec = 469318L;
      time_system = 2L;
    }
    OrbitState =
    {
      Latitude = 4.645927077917599e+01;
      Longitude = -1.221927901973085e+02;
      Radius = 7.075533712030084e+06;
    }
    AttitudeState =
    {
      Roll = -7.920731294188930e-04;
      Pitch = 1.635264954203996e-04;
      Yaw = 1.270086662804880e-04;
    }
  }
]
procImageryFileInfo =
[
  {
    procImageryFilename =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/lld210820
008100001I.hdr1";
    procImageryFileSize = 1982L;
  }
  {
    procImageryFilename =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/lld210820
008100001_I1.dat";
    procImageryFileSize = 225724152L;
  }
  {
    procImageryFilename =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/lld210820
008100001I.hdr2";
    procImageryFileSize = 2708L;
  }
  {
    procImageryFilename =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/lld210820
008100001_I2.dat";
    procImageryFileSize = 56431038L;
  }
]

```

```

        procImageryFilename =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/lld210820
008100001_I3.dat";
        procImageryFileSize = 56431038L;
    }
    {
        procImageryFilename =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/lld210820
008100001_I4.dat";
        procImageryFileSize = 56431038L;
    }
    {
        procImageryFilename =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/lld210820
008100001_I5.dat";
        procImageryFileSize = 56431038L;
    }
    {
        procImageryFilename =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/lld210820
008100001_I6.dat";
        procImageryFileSize = 56431038L;
    }
    {
        procImageryFilename =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/lld210820
008100001_I7.dat";
        procImageryFileSize = 56431038L;
    }
    {
        procImageryFilename =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/lld210820
008100001I.hdr3";
        procImageryFileSize = 2126L;
    }
    {
        procImageryFilename =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/lld210820
008100001_I8.dat";
        procImageryFileSize = 14105833L;
    }
    {
        procImageryFilename =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/lld210820
008100001_I9.dat";
        procImageryFileSize = 14105833L;
    }
    {
        procImageryFilename =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/L71046027
_02720000707_MTL.txt";
        procImageryFileSize = 7270L;
    }
}
]
}

```

=====

Browse.input:

```

=====
{
  commonChildInputParams =
  {
    inputSceneHandle =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Input_";
    reportName = "Browse.report";
  }
  inputImageFileName =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Product__
OPR_MsResampler.tif";
  metaDataFormatType = 2;
  produceBrowseImages = FALSE;
  productDropBoxDirectory =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001";
  productRelativeImageLocation = "./lld210820008100001_";
  productRelativeMetaDataLocation = "./lld210820008100001_";
  archiveFiles = FALSE;
  destinationLocation =
  {
    dropBoxDirectory =
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001";
    relativeBrowseImageLocation = "lld210820008100001_Browse.33626458.tif";
    relativeBrowseMetaDataLocation = "PGS__lld210820008100001.33626458__";
  }
  decimationRecord =
  {
    decimationType = 4;
    maxWidth = 512;
    maxHeight = 512;
    decimation = 2.5000000000000000e-01;
  }
  workOrderPriority = 7.0000000000000000e+00F;
  correctionLevel = "Precision Geocorrection";
  productOrientation = 1;
  path = 46;
  row = 27;
  productSceneShift ?= 0.0000000000000000e+00F;
  productInfo =
  {
    productInputDataSet =
"/diskIngest1/temp/01101082000810001/L71EDC180018918010_HDF.012321750";
    productOutputDataSet = "";
    productGenerationTime = "Tue Aug 28 12:07:26 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";
comment ?= "CUSTOMER IS SUPPLYING DEM FOR TERRAIN CORRECTION.  DEM WAS NOT
USED IN PREVIOUS ORDER (0110106250131)";
}
=====

```

Browse.report:

```

=====
{
  ReportHeader =
  {
    ReportName = "browseImageGeneration";
    VersionNumber = 1.0000000000000000e+00;
    WorkOrderId = "lld210820008100001";
    StartTime = "Tue Aug 28 12:07:28 2001";
    StartTimeRecord =
    {
      year = 2001;
      month = 8;
      day = 28;
      hour = 12;
      minute = 7;
      sec = 28;
      usec = 0;
      time_system = 2;
    }
    CompletionTime = "Tue Aug 28 12:07:30 2001";
    CompletionTimeRecord =
    {
      year = 2001;
      month = 8;
      day = 28;
      hour = 12;
      minute = 7;
      sec = 30;
      usec = 0;
      time_system = 2;
    }
    CpuTime = 4.9000000000000000e-01;
  }
}
=====

```

Browse.output:

```

=====
{
  browseImageFileName = "lld210820008100001_BrowseImage.tif";
  browseMetadataFileName = "lld210820008100001_BrowseMeta.data";
  allocationId = 0L;
}
=====

```

ArchiveRadCorr.input:

```

=====
{

```

```
    sceneHandle =  
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/Product_"  
;  
    inputFormat = 26;  
}
```

```
=====
```

```
GetProcHistResource.input:
```

```
=====
```

```
{  
    files =  
    [  
        {  
            fileName =  
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/lld210820  
008100001.his";  
            fileSize = 100000L;  
        }  
        {  
            fileName =  
"/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/workorders/lld210820008100001/lld210820  
008100001.rpt";  
            fileSize = 100000L;  
        }  
    ]  
}
```

```
=====
```

```
/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/log/lld210820008100001.log:
```

```
=====
```

```
<created: 28-08-2001 09:52:50>
```

```
28-08-2001 09:52:50 Info                PPGSOCP_Application      WCU:0000  
WCU_WriteMessageToWo:00073  
    Work order was started by operator doorn.
```

```
28-08-2001 09:52:57 Info                SCON_EvmController      MAIN:0009  
MAIN_MainCommon.cc:00484  
    Process SCON_EvmController, PID 33626458@edcs22, started at 28-08-2001  
09:52:57
```

```
28-08-2001 09:52:58 Info                WOSV_WoManagerServer    WOSV:0103  
WCU_WriteMessageToWo:00106  
    Workorder started.
```

```
28-08-2001 09:52:58 Info                WOSV_WoManagerServer    WCU:0000  
WCU_WriteMessageToWo:00073  
    Workorder is executing on host localhost.
```

```
28-08-2001 09:53:00 Info                ACQ_InitializeAcqModel  MAIN:0009  
MAIN_MainCommon.cc:00484  
    Process ACQ_InitializeAcqModel, PID 34794536@edcs22, started at 28-08-  
2001 09:53:00
```

28-08-2001 09:53:00 Warning ACQ_InitializeAcqModel TIM:0011
TIM_TimeModel.cc:00462
Using Predicted value of UT1 for 2000 7 7

28-08-2001 09:53:00 Warning ACQ_InitializeAcqModel TIM:0011
TIM_TimeModel.cc:00563
Using Predicted value of UT1 for 2000 7 8

28-08-2001 09:53:00 Warning ACQ_InitializeAcqModel EAR:0031
EAR_PoleWander.cc:00417
Using predicted, not measured pole wander data for 07-JUL-00.
28-08-2001 09:53:00 Warning ACQ_InitializeAcqModel EAR:0031
EAR_PoleWander.cc:00417
Using predicted, not measured pole wander data for 08-JUL-00.

28-08-2001 09:53:02 Info ACQ_InitializeAcqModel MAIN:0010
MAIN_MainCommon.cc:00528
Process ACQ_InitializeAcqModel, PID 34794536@edcs22, stopped at 28-08-2001 09:53:02

28-08-2001 09:53:03 Info LZR_Main MAIN:0009
MAIN_MainCommon.cc:00484
Process LZR_Main, PID 34602901@edcs22, started at 28-08-2001 09:53:03

28-08-2001 09:54:41 Info LZR_Main EPHI:0029
EPHI_EtmpEphemeris.c:00393
The ephemeris file
/nlaps_src/runtimes/RT.NLAPS_PRERELEASE/ephemeris/etmp/L72000190DEFEPH.S00 was
used for processing.

28-08-2001 09:55:10 Info LZR_Main MAIN:0010
MAIN_MainCommon.cc:00528
Process LZR_Main, PID 34602901@edcs22, stopped at 28-08-2001 09:55:10

28-08-2001 09:55:12 Info DEM_Init MAIN:0009
MAIN_MainCommon.cc:00484
Process DEM_Init, PID 2296683@edcs22, started at 28-08-2001 09:55:12

28-08-2001 09:55:15 Info DEM_Init MAIN:0010
MAIN_MainCommon.cc:00528
Process DEM_Init, PID 2296683@edcs22, stopped at 28-08-2001 09:55:15

28-08-2001 09:55:18 Info PSM_ModelRefinement MAIN:0009
MAIN_MainCommon.cc:00484
Process PSM_ModelRefinement, PID 34575799@edcs22, started at 28-08-2001
09:55:18

28-08-2001 10:41:51 Info MDR_Application MAIN:0009
MAIN_MainCommon.cc:00484
Process MDR_Application, PID 34868025@edcs22, started at 28-08-2001
10:41:51

28-08-2001 10:41:52 Info MDR_Application MAIN:0015
MAIN_MainCommon.cc:00496
Process MDR_Application, Started by doorn

28-08-2001 10:42:46 Info MDR_Application WCU:0000
WCU_WriteMessageToWo:00073
Work Order lld210820008100001 - manual marking was accepted by Operator
doorn

28-08-2001 10:42:49 Info MDR_Application MAIN:0010
MAIN_MainCommon.cc:00528
Process MDR_Application, PID 34868025@edcs22, stopped at 28-08-2001
10:42:49

28-08-2001 10:42:49 Info MDR_Application MAIN:0016
MAIN_MainCommon.cc:00540
Process MDR_Application, Stopped by doorn

28-08-2001 10:42:50 Info PSM_ModelRefinement MAIN:0010
MAIN_MainCommon.cc:00528
Process PSM_ModelRefinement, PID 34575799@edcs22, stopped at 28-08-2001
10:42:50

28-08-2001 10:42:52 Info PDD_DefineGenericProduct MAIN:0009
MAIN_MainCommon.cc:00484
Process PDD_DefineGenericProduct, PID 34818005@edcs22, started at 28-08-
2001 10:42:52

28-08-2001 10:42:53 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

28-08-2001 10:42:54 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

28-08-2001 10:42:55 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074
Could not convert input coordinates to geodetic coordinates

28-08-2001 10:42:55 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

28-08-2001 10:42:56 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

28-08-2001 10:42:57 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

28-08-2001 10:42:58 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

28-08-2001 10:43:00 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

28-08-2001 10:43:00 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

28-08-2001 10:43:01 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

28-08-2001 10:43:02 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

28-08-2001 10:43:02 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

28-08-2001 10:43:02 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

28-08-2001 10:43:02 Warning PDD_DefineGenericProduct ACQ:0026
ACQ_AcquisitionModel:01074

Could not convert input coordinates to geodetic coordinates

28-08-2001 10:43:04 Info PDD_DefineGenericProduct MAIN:0010
MAIN_MainCommon.cc:00528

Process PDD_DefineGenericProduct, PID 34818005@edcs22, stopped at 28-08-2001 10:43:04

28-08-2001 10:43:05 Info DEMI_IngestControl MAIN:0009
MAIN_MainCommon.cc:00484
Process DEMI_IngestControl, PID 33928776@edcs22, started at 28-08-2001
10:43:05

28-08-2001 10:43:44 Info DEMI_IngestControl MAIN:0010
MAIN_MainCommon.cc:00528
Process DEMI_IngestControl, PID 33928776@edcs22, stopped at 28-08-2001
10:43:44

28-08-2001 10:43:46 Info OPR_WarpResampler MAIN:0009
MAIN_MainCommon.cc:00484
Process OPR_WarpResampler, PID 34918404@edcs22, started at 28-08-2001
10:43:46

28-08-2001 10:44:09 Info OPR_WarpResampler MAIN:0010
MAIN_MainCommon.cc:00528
Process OPR_WarpResampler, PID 34918404@edcs22, stopped at 28-08-2001
10:44:09

28-08-2001 10:44:13 Info OPR_MsResampler MAIN:0009
MAIN_MainCommon.cc:00484
Process OPR_MsResampler, PID 33946526@edcs22, started at 28-08-2001
10:44:13

28-08-2001 11:06:30 Info OPR_MsResampler MAIN:0010
MAIN_MainCommon.cc:00528
Process OPR_MsResampler, PID 33946526@edcs22, stopped at 28-08-2001
11:06:30

28-08-2001 11:06:32 Info RQA_PerformRadiometricQA MAIN:0009
MAIN_MainCommon.cc:00484
Process RQA_PerformRadiometricQA, PID 34174124@edcs22, started at 28-08-
2001 11:06:32

28-08-2001 11:06:33 Info RQA_PerformRadiometricQA MAIN:0010
MAIN_MainCommon.cc:00528
Process RQA_PerformRadiometricQA, PID 34174124@edcs22, stopped at 28-08-
2001 11:06:33

28-08-2001 11:06:34 Info BQA_BlackfillQa MAIN:0009
MAIN_MainCommon.cc:00484
Process BQA_BlackfillQa, PID 33818165@edcs22, started at 28-08-2001
11:06:34

28-08-2001 11:06:35 Info BQA_BlackfillQa MAIN:0010
MAIN_MainCommon.cc:00528
Process BQA_BlackfillQa, PID 33818165@edcs22, stopped at 28-08-2001
11:06:35

28-08-2001 11:06:36 Info GQA_PerformGeometricQA MAIN:0009
MAIN_MainCommon.cc:00484
Process GQA_PerformGeometricQA, PID 34199227@edcs22, started at 28-08-
2001 11:06:36

28-08-2001 12:04:03 Info VAL_Application MAIN:0009
MAIN_MainCommon.cc:00484
Process VAL_Application, PID 34609609@edcs22, started at 28-08-2001
12:04:03

28-08-2001 12:04:03 Info VAL_Application MAIN:0015
MAIN_MainCommon.cc:00496
Process VAL_Application, Started by doorn

28-08-2001 12:06:37 Info VAL_Application WCU:0000
WCU_WriteMessageToWo:00073
Work Order lld210820008100001 - manual marking was accepted by Operator
doorn

28-08-2001 12:06:38 Info GQA_PerformGeometricQA MAIN:0010
MAIN_MainCommon.cc:00528
Process GQA_PerformGeometricQA, PID 34199227@edcs22, stopped at 28-08-
2001 12:06:38

28-08-2001 12:06:40 Info TOXNF_MakeProduct MAIN:0009
MAIN_MainCommon.cc:00484
Process TOXNF_MakeProduct, PID 32903400@edcs22, started at 28-08-2001
12:06:40

28-08-2001 12:06:41 Info VAL_Application MAIN:0010
MAIN_MainCommon.cc:00528
Process VAL_Application, PID 34609609@edcs22, stopped at 28-08-2001
12:06:41

28-08-2001 12:06:41 Info VAL_Application MAIN:0016
MAIN_MainCommon.cc:00540
Process VAL_Application, Stopped by doorn

28-08-2001 12:07:27 Info TOXNF_MakeProduct MAIN:0010
MAIN_MainCommon.cc:00528
Process TOXNF_MakeProduct, PID 32903400@edcs22, stopped at 28-08-2001
12:07:27

28-08-2001 12:07:28 Info BIM_OpticalBrowse MAIN:0009
MAIN_MainCommon.cc:00484
Process BIM_OpticalBrowse, PID 34482124@edcsgs22, started at 28-08-2001
12:07:28

28-08-2001 12:07:30 Info BIM_OpticalBrowse MAIN:0010
MAIN_MainCommon.cc:00528
Process BIM_OpticalBrowse, PID 34482124@edcsgs22, stopped at 28-08-2001
12:07:30

28-08-2001 12:07:33 Info RDC_ArchiveReport MAIN:0009
MAIN_MainCommon.cc:00484
Process RDC_ArchiveReport, PID 34815256@edcsgs22, started at 28-08-2001
12:07:33

28-08-2001 12:07:33 Info RDC_ArchiveReport MAIN:0010
MAIN_MainCommon.cc:00528
Process RDC_ArchiveReport, PID 34815256@edcsgs22, stopped at 28-08-2001
12:07:33

28-08-2001 12:07:35 Info RMAN_GetDiskResource MAIN:0009
MAIN_MainCommon.cc:00484
Process RMAN_GetDiskResource, PID 34744177@edcsgs22, started at 28-08-2001
12:07:35

28-08-2001 12:07:35 Info RMAN_GetDiskResource MAIN:0010
MAIN_MainCommon.cc:00528
Process RMAN_GetDiskResource, PID 34744177@edcsgs22, stopped at 28-08-2001
12:07:35