

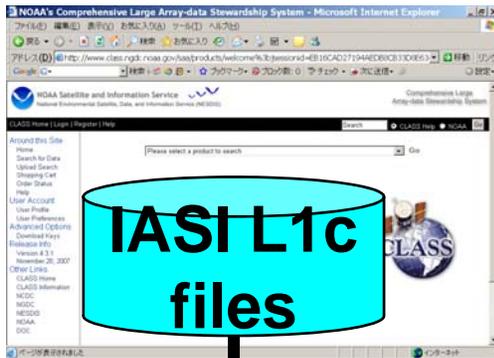
# **Data Flow of JMA IR Intercalibration and Actions to Recommendations**

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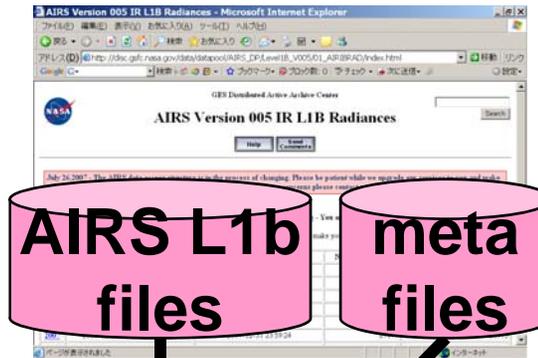
Meteorological Satellite Center  
Japan Meteorological Agency

# LEO Data Acquisition

NOAA CLASS



NASA DAAC



Metop Orbit Calc.

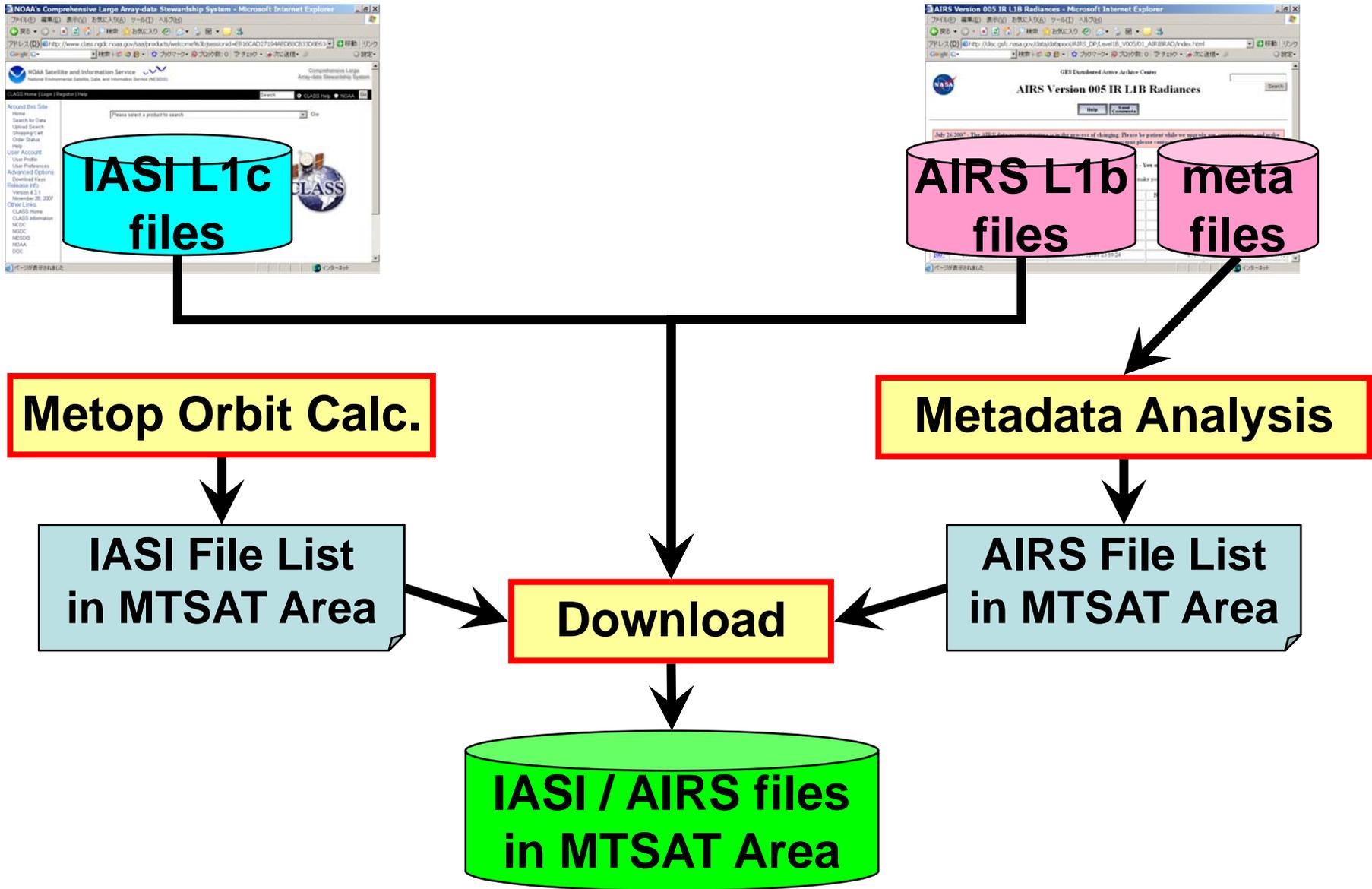
Metadata Analysis

IASI File List  
in MTSAT Area

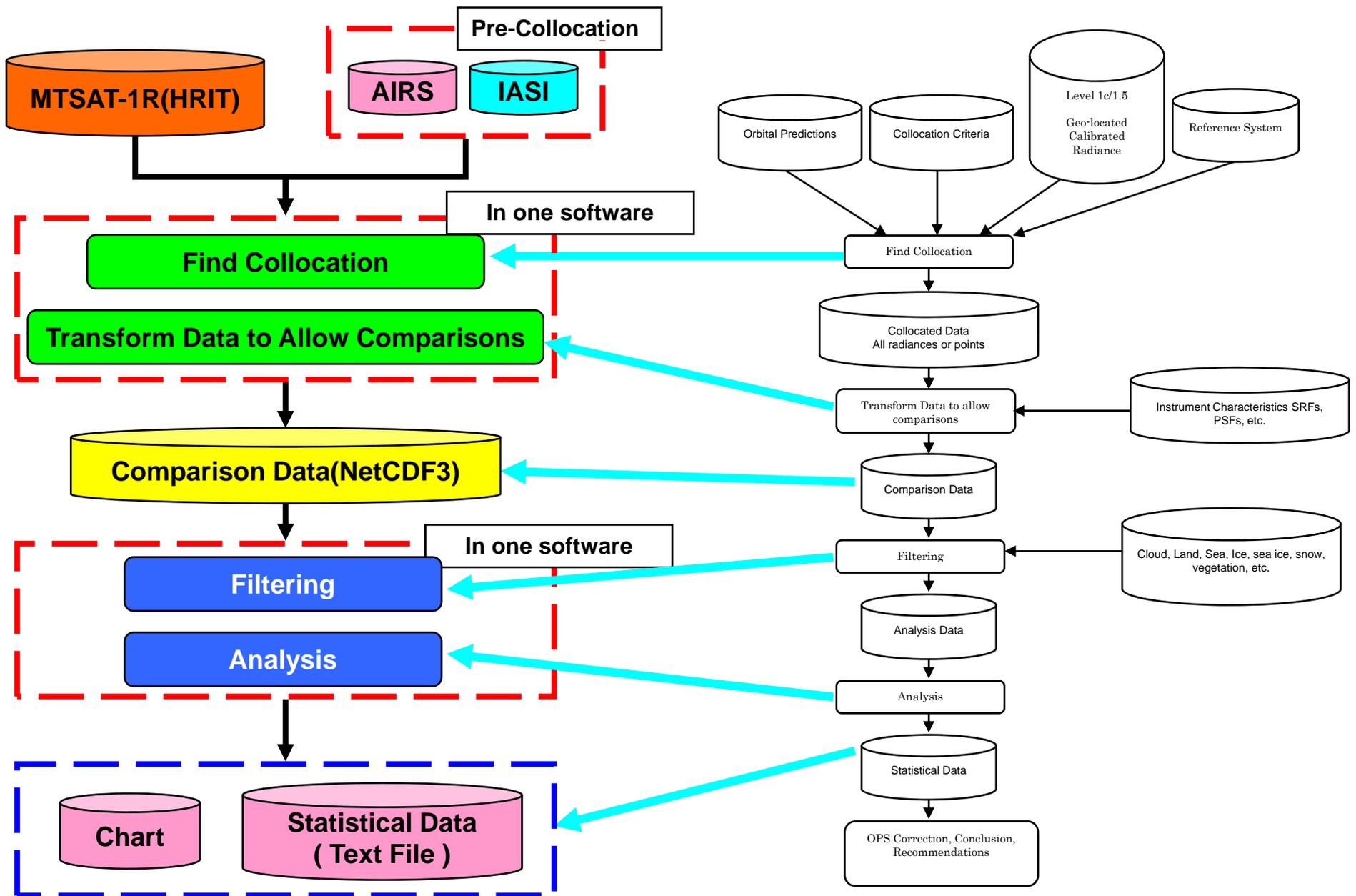
AIRS File List  
in MTSAT Area

Download

IASI / AIRS files  
in MTSAT Area



# Data Flow Based on GDWG Data Flow



# Action to Recommendation WG 2/03

## *Recommendation*

- Creation of the first set of source data sets

## *Action status*

- EUMETSAT source data format reviewed (1.0 beta, 16 July 2008)
  - MTSAT HRIT data convertible to NetCDF format
  - Estimated volume of MTSAT NetCDF (60N-60N, 110E-170E, VIS + 4xIR) is about 200 MB/scene
  - MJD be used instead of YYYY/MM/DD HH:mm:ss to save volume



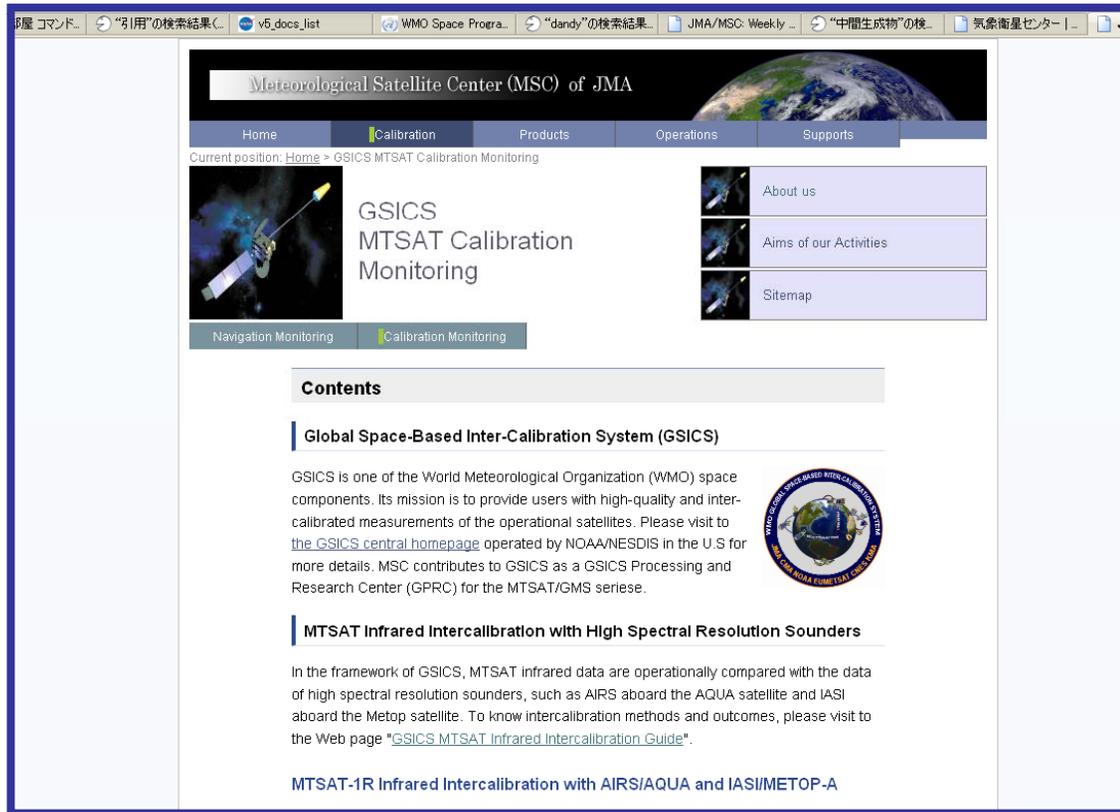
# Action to Recommendation WG 2/07

## *Recommendation*

- GPRC shall create their GSICS web pages.

## *Action status*

- JMA's web page started in Jul 2008.  
<http://mscweb.kishou.go.jp/monitoring/calibration.htm>



The screenshot displays a web browser window with several tabs open, including "WMO Space Progra...", "JMA/MSO: Weekly...", and "気象衛星センター". The main content area is titled "Meteorological Satellite Center (MSC) of JMA" and features a navigation menu with "Home", "Calibration", "Products", "Operations", and "Supports". The "Calibration" menu item is highlighted. Below the navigation menu, the current position is indicated as "Home > GSICS MTSAT Calibration Monitoring". The main heading is "GSICS MTSAT Calibration Monitoring", accompanied by an image of a satellite. To the right, there are three menu items: "About us", "Aims of our Activities", and "Sitemap". Below this, there are two sub-menus: "Navigation Monitoring" and "Calibration Monitoring", with the latter being selected. The "Contents" section is titled "Global Space-Based Inter-Calibration System (GSICS)" and contains the following text: "GSICS is one of the World Meteorological Organization (WMO) space components. Its mission is to provide users with high-quality and inter-calibrated measurements of the operational satellites. Please visit to the [GSICS central homepage](#) operated by NOAA/NESDIS in the U.S for more details. MSC contributes to GSICS as a GSICS Processing and Research Center (GPRC) for the MTSAT/GMS series." To the right of this text is a circular logo for the "GLOBAL SPACE-BASED INTER-CALIBRATION SYSTEM". Below this, the section is titled "MTSAT Infrared Intercalibration with High Spectral Resolution Sounders" and contains the text: "In the framework of GSICS, MTSAT infrared data are operationally compared with the data of high spectral resolution sounders, such as AIRS aboard the AQUA satellite and IASI aboard the Metop satellite. To know intercalibration methods and outcomes, please visit to the Web page "[GSICS MTSAT Infrared Intercalibration Guide](#)"." At the bottom, there is a link for "MTSAT-1R Infrared Intercalibration with AIRS/AQUA and IASI/METOP-A".