

# Guide for Obtaining ASTER from Japan

This document is a living collection of the available tutorials accessible from various Japan Space Systems' Web sites that have been modified in some cases, and consolidated here for ease of reference. All Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER) data searchable within Japan's Ground Data Systems (GDS) Information Management Services (IMS) interface is available for purchase by users who have completed the self-registration process outlined below.

Inquiries about obtaining ASTER from GDS should be directed to:

[http://gds.aster.ersdac.jspacesystems.or.jp/gds\\_www2002/service\\_e/inq.c\\_e/set\\_inq.c\\_e.html](http://gds.aster.ersdac.jspacesystems.or.jp/gds_www2002/service_e/inq.c_e/set_inq.c_e.html)

## **WELCOME TO ASTER GDS IMS, PLEASE SELF-REGISTER:**

- 1) The ASTER GDS IMS interface is accessible at:

<http://ims.aster.ersdac.jspacesystems.or.jp/ims/html/MainMenu/MainMenu.html>

- 2) A pop-up box containing a message about ASTER Processing will display. Please review the message and the link provided prior to dismissing it.

- a. On-demand Processing:

[http://gds.aster.ersdac.jspacesystems.or.jp/gds\\_www2002/ondemand\\_e.html](http://gds.aster.ersdac.jspacesystems.or.jp/gds_www2002/ondemand_e.html)

- 3) The ASTER GDS IMS web site requires users to be registered before submitting orders although, you may search and browse as a Guest. To register, please click on the **User Registration** menu button located on page identified in Step 1, or use this link:

[http://ims.aster.ersdac.jspacesystems.or.jp/ims/html/UserRegistration/UserRegistration\\_Agreement.html](http://ims.aster.ersdac.jspacesystems.or.jp/ims/html/UserRegistration/UserRegistration_Agreement.html).

- a. **ATTENTION:** Please read the Agreement of "Requirements for ASTER Data Distribution" before acceptance.

**This text contains important information about payments, cancellations, redistribution policies, product returns, and how much time you have to retrieve/download ordered data.**

- b. Select and enter three potential user names containing 8 characters each.
  - c. Enter a password containing 8 characters. (Note: An underscore "\_" cannot be used).

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- d. Enter your User Address, Shipping Address, and Billing Address in the appropriate fields. (Note: The **Copy from** buttons will help minimize the effort if your address is repeated to these other fields.)
- e. **Verify your email address** is always entered correctly to ensure order delivery notification is received.
- f. Leave the check mark in the **Distribution ON/OFF** check-box to ensure receipt of information about your order.
- g. Click the **Registration Request** button. Then click **OK** in the pop-up box requesting confirmation of send registration request information.
- h. A login name and UserID are assigned to you. Click the **Confirm** button.
  - i. An email containing your login name and UserID will be sent to the email address you provided. Please store this information, as well as your password, in a secure location. (**Note: Japan only sends out user information by postal service if you lose or forget your login information.**)

## VALIDATE YOUR REGISTERED USER ACCOUNT

- 1) Click on the **User Certification** menu button or use this link:  
<https://ims.aster.ersdac.jspacesystems.or.jp/ims/html/UserCertification/UserCertification.html>
- 2) Enter your **Login Name** and **Password**, then click the **Certification** button
  - a. A web page displaying the message you are certified will briefly display before you are redirected back to the ASTER GDS IMS Web site.
- 3) **Important:** These two steps will need to be repeated each time you use the ASTER GDS IMS Web site to place an order. Search and browse can be conducted anonymously.

## UPDATE USER PROFILE

- 1) To modify/change the information contained in your user profile, click the **User Profile Modification** menu button located on the page identified in Step 1, or use this link  
<http://ims.aster.ersdac.jspacesystems.or.jp/ims/cgi-bin/userProfConfirmModify.pl>

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## FORGOT USER NAME AND/OR PASSWORD

- 1) You must contact ASTER GDS User Services:

[http://gds.aster.ersdac.jspacesystems.or.jp/gds\\_www2002/service\\_e/inq.c\\_e/set\\_inq.c\\_e.html](http://gds.aster.ersdac.jspacesystems.or.jp/gds_www2002/service_e/inq.c_e/set_inq.c_e.html) for assistance. (Note: Forgotten User Name and/or Password information is received via the postal service.)

## PAYMENT AND RETURNS/CANCELLATION

- 1) Payment must be made prior to order delivery.

- a. Accepted methods of payment are:

- i. Prepayment – ASTER GDS will send you an invoice after receiving your product order, and will start the production of your ordered data after confirming your payment. (Note: Customers are responsible for any bank transfer fees/commissions.)
- ii. Credit Cards – Payment is made at the time your order is placed. Accepted cards include:



- b. If your order is not accepted by the system, or if generation of the ordered product(s) fails you will not be charged.
- c. **If you do not successfully download your data in the allocated time** defined in your email notification containing the download directory information, **you will still be charged.**
  - i. Please make sure your email address is entered correctly and that you check your spam/junk mail filters daily for the order notification beginning on the date you submit your order.

- 2) **Returns are only accepted for data products that are found to be defective.** Customers must provide J-spacesystems with a written claim within 7 calendar days from the date products were received.

Japan Space Systems (J-spacesystems)

The Kikai Shinko Kaikan building

3-5-8, Shibakoen, Minato-ku, Tokyo, 105-0011 JAPAN

- 3) **Cancellation of orders is not accepted once payment has been made.**

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## ASTER PRODUCTS AND PRICING PER SCENE (as of March 2004)

| Standard Products (JPY 9,800 per scene, before tax)  |   |                                 |
|--|---|---------------------------------|
| Product Name   | Product Characteristics   | Resolution                      |
| Level 1A   | This product is depacketized and realigned instrument observation data. Geometric correction and radiometric calibration coefficients are appended but not applied. This product, therefore, does not match a map of any projection type. All products are generated from this product.                     | V (15m)<br>S (30 m)<br>T (90 m) |
| Level 1B   | This product is generated by applying the radiometric and geometric correction coefficients contained in Level 1A. User can specify Map Projection and Resampling type when ordered. Physical quantities such as radiance and temperature can be derived using the numerical (DN) values in the image data. | V (15m)<br>S (30 m)<br>T (90 m) |
| Surface Radiance VNIR (2B01V)<br>Surface Radiance SWIR (2B01S)<br>Surface Radiance TIR (2B01T) | These products contain land surface radiance generated from atmospheric correction applied to VNIR, SWIR, and TIR data respectively.  | V (15m)<br>S (30 m)<br>T (90 m) |
| Surface Temperature (2B03)   | This product contains surface temperatures generated from the quantities of radiance in the thermal infrared bands by applying temperature-emissivity separation to atmospherically corrected Surface Radiance TIR (2B01T) data.  | T (90 m)                        |
| Surface Emissivity (2B04)  | This product contains surface emissivity generated from the quantities of radiance received in the thermal infrared bands by applying temperature-emissivity separation to atmospherically corrected Surface Radiance TIR (2B01T) data.   | T (90 m)                        |
| Surface Reflectance VNIR (2B05V)<br>Surface Reflectance SWIR (2B05S)                           | These products contain land surface reflectance generated from the quantities of radiance in Surface Radiance VNIR (2B01V) and Surface Radiance SWIR (2B01S).   | V (15m)<br>S (30 m)             |

Note: Level 1A and Level 1B day-time scenes acquired in full-mode observation include the backward-looking band 3B used in stereo viewing.

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| Semi-Standard Products (before tax price provided under Product Name) |   |   |
|---|---|---|
| Product Name  | Product Characteristics   | Resolution  |
| Orthorectified (3A01)<br>JPY 19,600                                   | This product is corrected to remove the geographic distortion caused by elevation. The associated DEM data is also appended.                      | V (15m) + DEM<br>S (30 m) + DEM<br>T (90 m) + DEM |
| Relative DEM Z (4A01Z)<br>JPY 9,800                                   | This product offers relative elevation data extracted from stereoscopic data acquired in VNIR 3N (nadir-looking) and 3B (backward looking) bands. | V (15m)<br>S (30 m)<br>T (90 m)                   |

Note: Orthorectified (3A01) day-time scenes acquired in full-mode observation include the backward-looking band 3B used in stereo viewing.

**ASTER SWIR User Advisory Notice:** ASTER data acquired from April 2008 to the present exhibit anomalous saturation of values and anomalous striping. Please refer to the [ASTER SWIR User Advisory Document](#) for more details.

## DATA DISTRIBUTION OPTIONS

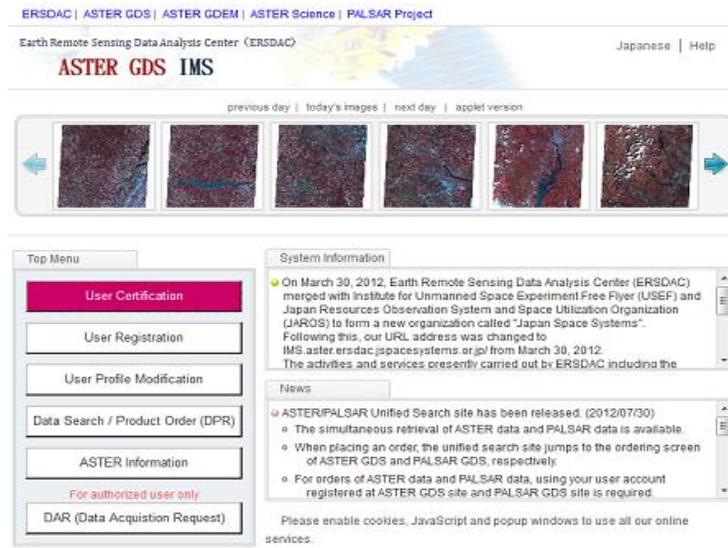
- 1) Products are distributed within approximately 24 hours.
- 2) Distribution format is **HDF Only**
- 3) Distribution media is **Download Only**
- 4) Japan recommends limiting orders to 10 granules/scenes per order.
- 5) Data Download
  - a. Data must be downloaded within a maximum of 14 calendar days beginning from the date of order completion. (Note: We recommend that you confirm this time frame in the email you receive that contains your download directory.)
  - b. Data will be deleted from the download directory after the expiration date provided in the email you receive with download information.

## SEARCH FOR ASTER USING THE GDS IMS INTERFACE

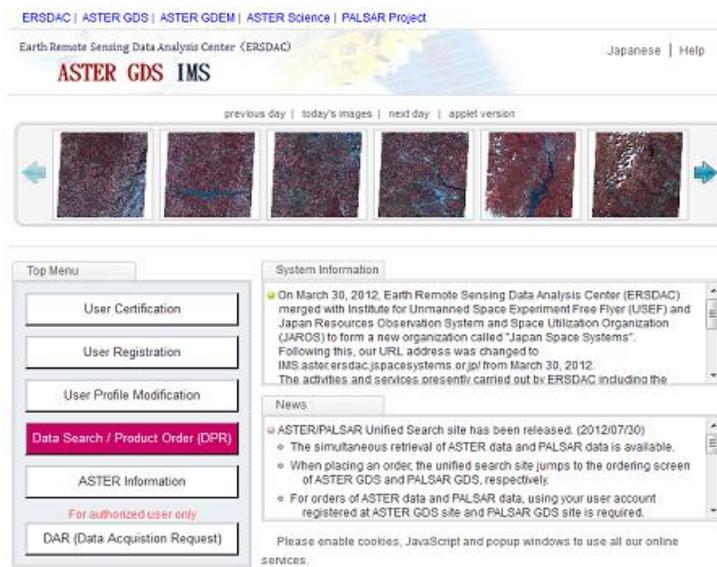
- 1) Log in to the ASTER GDS IMS web site at:  
<http://ims.aster.ersdac.jspacesystems.or.jp/ims/html/MainMenu/MainMenu.html>

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- a. LOG IN is accomplished by clicking on the **User Certification** button and following the prompts provided. Once your login name and password are successfully certified, the Main Menu with return.
- b. GUEST users may search the available ASTER inventory, but you must log-in as a registered user to place orders. See sections provided above on self-registering and account activation if you do not have a user name and password.
- c. Forgotten User Name/Password – See reference section above on this topic.

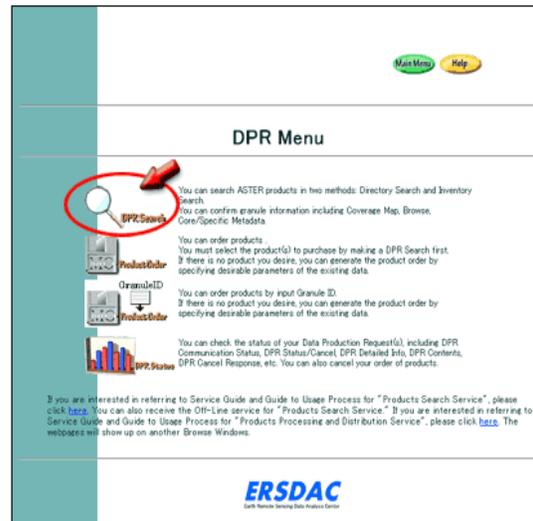


- 2) Next, click the **Data Search / Product Order (DPR)** button.



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- 3) A DPR Menu page will appear with four options. Select the **DPR Search** icon at the top of the list.



## ENTER PRODUCT SEARCH PARAMETERS

- 1) DPR Search Tab:

**Product Search**

DPR Menu Main Menu Help

DPR Search Search Area Reset Search Exec.

For an inventory search, the minimum search criteria are Geographic Information plus at least one of the following : Sensor, Parameter. Search DatasetID is only ASTL1A. Roughly parameter may be spend long time to search.

Select range :  ASTER GDS  EODDIS

Date/Time :  Continuous Time Range  Annually Repeating Time Period

Search Type :  Directory  Inventory

**Continuous Time Range**

|                  | YYYY | MM | DD | hh | mm | ss |
|------------------|------|----|----|----|----|----|
| Start Date/time: | 2012 | 9  | 21 | 15 | 2  | 0  |
| End Date/time:   | 2013 | 3  | 21 | 15 | 2  | 0  |

SWIR acquired after April 2007 may be saturated because of increase of SWIR detector's temperature. Please check a browse image.

Inventory Search by designated Granule ID.  
Search Parameters, Date Time and Search Area are ignored.  
Please input one Granule ID per one row.  
Copy & Paste are possible by Ctrl+c & Ctrl+v keys.  
When ID other L1A was input L1A is searched with the shooting date and time.

ASTER / Inventory ASTER / Directory EODDIS / Inventory

Sensor :  
ASTER\_VNIR  
ASTER\_SWIR  
ASTER\_TIR

Instrument Mode :  
Full Mode  
VNIR Only  
V3N/V3B  
SWIR+TIR

ASTER xAR ID : [ ]

Cloud Coverage :  Yes  No 20%

Day/Night : Day

Granules with Browse only :  Yes  No

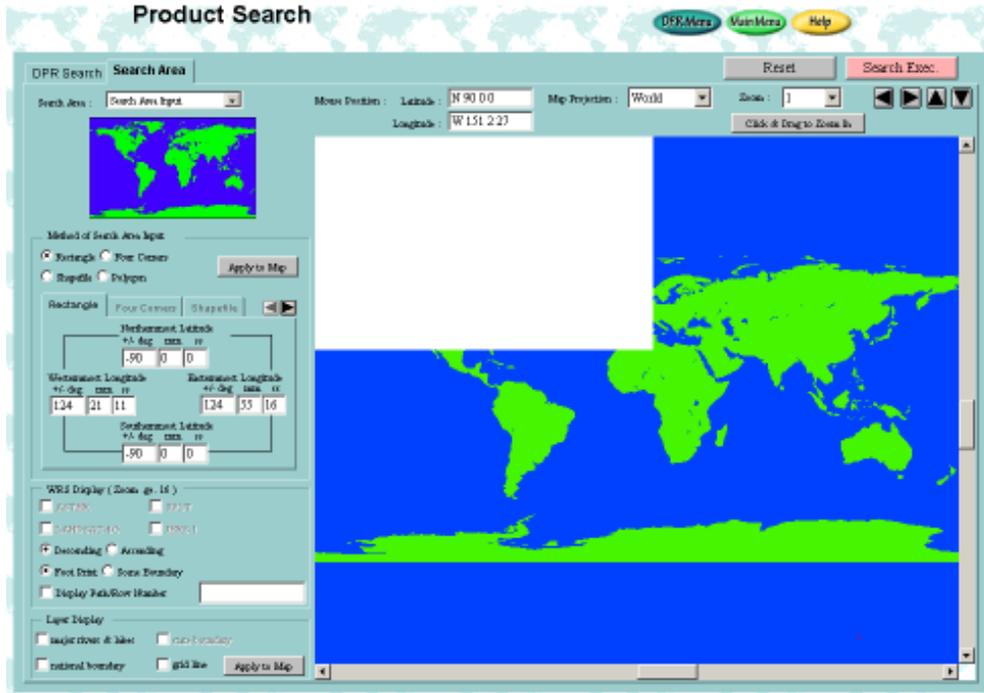
Number of Granules returned per Dataset : 100

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- a. Select Range: click the **ASTER GDS** radio button <default selection>
- b. Search Type: click the **Inventory** radio button <default selection>
- c. **ASTER/Inventory** tab within the DPR Search page
  - i. **Sensor:** <default is All sensors>
  - ii. **Instrument Mode:** <default is Full Mode>
  - iii. **ASTER xAR ID:** Optional, use only if searching for data acquired by a known Data Acquisition Request (DAR) submitted by approved DAR Tool users. <For more information about the ASTER DAR Tool please contact LP DAAC User Services at [LPDAAC@usgs.gov](mailto:LPDAAC@usgs.gov)>
  - iv. **Cloud Coverage:** Optional, will limit the results returned. <default is 20%>
  - v. **Day/Night:** Optional <default selection is Day>
  - vi. **Granules with Browse only:** recommend changing this to **YES** so you can view any noticeable data anomalies that may be present <default selection is No>
  - vii. **Number of Granules returned per Dataset:** <default is 100>
- d. **Date/Time:** select **Continuous Time Range** or **Annual Repeating Time Period** radio button. Then enter the time period/range in the text box provided below the radio buttons.
- e. **Known GranuleID search:**
  - i. Check box next to **Inventory Search by Designated Granule ID**
  - ii. Enter granuleID(s) one per line in the text box provided
  - iii. Example of the format for Japanese granule IDs:
    1. ASTL1A1007142048101007170564
    2. ASTL1A – data product  
100714 – Date, yy/mm/dd  
204810 – UTC time, hh:mm:ss  
1007170564 – unique identifier
  - iv. To cross-reference known LP DAAC ASTER granule IDs with Japanese granule IDs please reference the following tutorial:  
[http://www.ersdac.jspacesystems.or.jp/newFAQ/ASTER\\_GranuleID\\_Reve rb\\_20120413.pdf](http://www.ersdac.jspacesystems.or.jp/newFAQ/ASTER_GranuleID_Reve rb_20120413.pdf)

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## 2) Search Area Tab:



- Search Area:** <defaults Search Area Input> with option to complete a Global Search.
- Method of Search Area Input:** select a radio button, enter coordinates, and click Apply to Map button.
- WRS Display:** We recommend leaving the default values of Descending and Foot Print radio button selections.
  - ASTER is not archived by path/row
- Layer Display:** Optional to help identify your area of interest in the map display.
- Click **Search Exec.** Button located in upper right corner of screen.

## UNDERSTANDING DPR INVENTORY SEARCH RESULTS:

The DPR Inventory Search Result page will then display with multiple tabs: Inventory Result, Inventory Detailed Info, Coverage Map, Browse, Core Metadata, and Specific Metadata.

Select a granule from the results list for which you desire to see more information for, and then click on one of the available tabs. For your convenience a brief summary of the information available on each tab is listed below.

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## 1) Inventory Result tab:

**DPR Inventory Search Result**

Inventory Result | Inventory Detailed Info | Coverage Map | Browse | Core Metadata | Specific Metadata

Project: [ ] Source: AM-1 Dataset ID: ASTLIA  
 Parameter: [ ]  
 Sensor: ASTER\_VNIR, ASTER\_SWIR, ASTER\_TIR, ASTER\_STEREO

Data Center: ASTER\_GDS No. of Granules in this group: 100 (\* 1) No. of Granules in all groups: 100  
 More hit granules remained in this group.

(\*1) Please scroll the table with an arrow key up/down after selecting data in the table when data corresponding to the number is not displayed in the table below.

| No. | Granule ID                    | C. Latitude | C. Longitude | Start Date & Time    | Cloud(%) | Level | Order | PO Parameter |
|-----|-------------------------------|-------------|--------------|----------------------|----------|-------|-------|--------------|
| 1   | ASTLIA_1007142046101007170564 | -5.896554   | -155.413428  | 2010-07-14T20:46:10Z | 10       | 1a    |       |              |
| 2   | ASTLIA_1007142046011007170563 | -5.361259   | -155.299064  | 2010-07-14T20:46:01Z | 1        | 1a    |       |              |
| 3   | ASTLIA_1007142047521007170562 | -4.825924   | -155.184831  | 2010-07-14T20:47:52Z | 5        | 1a    |       |              |
| 4   | ASTLIA_1007142047341007170560 | -3.755369   | -154.956775  | 2010-07-14T20:47:34Z | 6        | 1a    |       |              |
| 5   | ASTLIA_1007142047261007170559 | -3.220002   | -154.842895  | 2010-07-14T20:47:26Z | 12       | 1a    |       |              |
| 6   | ASTLIA_100710009091007140605  | 70.583917   | -178.657268  | 2010-07-11T00:09:09Z | 12       | 1a    |       |              |
| 7   | ASTLIA_1007102231181007140577 | 67.196657   | -158.622605  | 2010-07-10T22:31:18Z | 13       | 1a    |       |              |
| 8   | ASTLIA_1007102231091007140576 | 67.687361   | -158.032291  | 2010-07-10T22:31:09Z | 18       | 1a    |       |              |
| 9   | ASTLIA_1007102230521007140574 | 68.662574   | -156.779155  | 2010-07-10T22:30:52Z | 4        | 1a    |       |              |
| 10  | ASTLIA_1007102230251007140571 | 70.107718   | -154.693846  | 2010-07-10T22:30:25Z | 16       | 1a    |       |              |
| 11  | ASTLIA_1007082245181007130356 | 61.895795   | -168.279389  | 2010-07-08T22:45:18Z | 18       | 1a    |       |              |
| 12  | ASTLIA_1007082244511007130353 | 63.422754   | -167.087983  | 2010-07-08T22:44:51Z | 19       | 1a    |       |              |

Please select any granule from the list above and click the "Select Granule" button below, in order to generate a product order.

- Provides a listing of the granules returned
- You may select one granule at a time from the result list to view additional information about it on the other tabs or you may use one of the buttons at the lower part of the screen to view the Browse, Thumbnail List, save your search, start over, or select/deselect a granule for order.

## 2) Inventory Detailed Info tab:

- Data Center name, Data Set ID, GranuleID, Satellite Name, Sensor Mode, Instrument Mode, Scene Coverage, Processing Level, Cloud Cover Rate, etc.

## 3) Coverage Map tab:

- References the coverage area of the granule selected on a map. The granule location is framed in red.

## 4) Browse tab:

- Displays the compressed browse image for the granule selected.

## 5) Core Metadata tab:

- Displays the core metadata or main aspects of a product in text format.

## 6) Specific Metadata tab:

- Displays the specific metadata that characterizes each product (in observational and processing aspects, etc.) in text format.

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## SELECTING GRANULE(S) TO ORDER:

### Inventory Result Tab:

#### Method 1:

- 1) Highlight one granule/scene that you wish to order by selecting from the list on the "DPR Inventory Search Result" screen with the mouse and click the **Select Granule** button.
- 2) If **Yes** is indicated in the "Selected for Order" column for that granule, it means the scene is selected.
- 3) Repeat this procedure as many times as you like until all the scenes you intend to order are selected.
- 4) To cancel the selection, highlight the granule id, and click the **Deselect Granule** button.

The screenshot shows the 'Inventory Result' web interface. At the top, there are tabs for 'Inventory Result', 'Inventory Detailed Info', 'Coverage Map', 'Browse', 'Core Metadata', and 'Specific Metadata'. Below the tabs, there are input fields for 'Project', 'Source' (AM-1), 'Default ID' (ASTLIA), 'ASTER SAR ID', and 'Cloud Coverage' (20%). A table is displayed with columns: No., Granule ID, Level, Order, and PG Parameter. A blue box highlights the 'Level' and 'Order' columns for granule 4. A red circle highlights the 'Yes' value in the 'Order' column for granule 4. Below the table, there are buttons for 'Save search result', 'Format Output', 'Print Output', 'Browse List', 'Thumbnail List', 'Select Granule', and 'De-select Granule'. At the bottom, there are buttons for 'Search product made based on this granule', 'New Search', and 'Product Order'.

| No. | Granule ID                    | Level     | Order      | PG Parameter         |
|-----|-------------------------------|-----------|------------|----------------------|
| 1   | ASTLIA 090626013321           | 1a        |            |                      |
| 2   | ASTLIA 090430014022           | 1a        |            |                      |
| 3   | ASTLIA 090430014013           | 1a        | Yes        |                      |
| 4   | ASTLIA 090430014004           | 1a        |            |                      |
| 5   | ASTLIA 090430013955           | 1a        |            |                      |
| 6   | ASTLIA 0904230134210904280021 | 35.700179 | 139.995858 | 2009-04-23T01:34:21Z |
| 7   | ASTLIA 0904070134230904100074 | 35.703459 | 140.382315 | 2009-04-07T01:34:23Z |
| 8   | ASTLIA 0904070134140904100073 | 36.233088 | 140.538516 | 2009-04-07T01:34:14Z |
| 9   | ASTLIA 0902020134060902050010 | 36.285632 | 140.180138 | 2009-02-02T01:34:06Z |
| 10  | ASTLIA 0901170134120901190476 | 35.810575 | 139.643856 | 2009-01-17T01:34:12Z |
| 11  | ASTLIA 0901170134030901190475 | 36.341007 | 139.795101 | 2009-01-17T01:34:03Z |
| 12  | ASTLIA 0901010134070901030476 | 35.753811 | 140.039720 | 2009-01-01T01:34:07Z |

#### Method 2:

- 1) You can also select a product (granule ID) to order in the following ways.
  - By clicking the [Selected for Order] box on the "Inventory Detailed Info." tag on the <<DPR Inventory Search Result screen>>.
  - By clicking the [Selected for Order] box on the "Browse" tag after checking the browse image.

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- By clicking the [Selected for Order] box on the <<Thumbnail List screen>>.

In any of the above cases, you can confirm that **Yes** is indicated in the column of [Selected for Order] for the product on the <<DPR Inventory Search Result screen>>.

You can view the product information of the granule selected for **Yes** in the "Selected for Order" column on the "Granule Information List", and in the **Inventory Detailed Info** tab the **Selected for Order** box on each tag will be checked.

The screenshot displays the 'Inventory Detailed Info' tab with the following data:

| Gain    | VNIR Band | SWIR Band | TIR Band |         |     |
|---------|-----------|-----------|----------|---------|-----|
| Band 01 | HGH       | Band 04   | NOR      | Band 10 | N/A |
| Band 02 | HGH       | Band 05   | NOR      | Band 11 | N/A |
| Band 3N | HGH       | Band 06   | NOR      | Band 12 | N/A |
| Band 3B | HGH       | Band 07   | NOR      | Band 13 | N/A |
|         |           | Band 08   | NOR      | Band 14 | N/A |
|         |           | Band 09   | NOR      |         |     |

Processing Level: 1a  
Day: Day  
Start date/Time: 2009-04-23T...  
Stop Date/Time: 2009-04-23T...  
Sensor Cloud Coverage (%): 1  
Quadrant Cloud Coverage (%): NW 0, NE 0, SW 1, SE 2  
Browse Availability: Yes  
ASTER ID: 4787

- 2) Confirm if all products (granule IDs) you intend to order are selected (i.e. if those granules have "Yes" in the "Selected for Order" column") on the <<DPR Inventory Search Result screen>>, and click the **Product Order** button.

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Inventory Result | Inventory Detailed Info | Coverage Map | Browse | Core Metadata | Specific Metadata

Project: [ ] Source: AM-1 Dataset ID: ASTLIA  
 ASTER vA.R. ID: [ ] Parameter: [ ]  
 Cloud Coverage: 20% Sensor: ASTER\_VNIR,ASTER\_SWIR,ASTER\_TIR,ASTER\_STEREO

Data Center: ASTER\_ODS No. of Granules in this group: 66 (\* 1) No. of Granules in all groups: 66

23 older products of observation taken on the same day are removed.  
 (\*1) Please scroll the table with an arrow key up/down after selecting data in the table when data corresponding to the number is not displayed in the table below.

| No. | Granule ID                    | C. Latitude | C. Longitude | Start Date & Time    | Cloud(%) | Level | PO Parameter |
|-----|-------------------------------|-------------|--------------|----------------------|----------|-------|--------------|
| 1   | ASTLIA 0906260133210906290109 | 37.393603   | 140.156048   | 2009-06-26T01:33:21Z | 0        | 1a    | Yes          |
| 2   | ASTLIA 0904300140220905030470 | 36.115092   | 139.769765   | 2009-04-30T01:40:22Z | 0        | 1a    |              |
| 3   | ASTLIA 0904300140130905030469 | 36.643712   | 139.932799   | 2009-04-30T01:40:13Z | 1        | 1a    | Yes          |
| 4   | ASTLIA 0904300140040905030468 | 37.172016   | 140.097635   | 2009-04-30T01:40:04Z | 1        | 1a    | Yes          |
| 5   | ASTLIA 0904300139550905030467 | 37.700100   | 140.264363   | 2009-04-30T01:39:55Z | 2        | 1a    | Yes          |
| 6   | ASTLIA 0904230134210904280021 | 35.760179   | 139.995858   | 2009-04-23T01:34:21Z | 1        | 1a    |              |
| 7   | ASTLIA 0904070134230904100074 | 35.703459   | 140.382315   | 2009-04-07T01:34:23Z | 16       | 1a    |              |
| 8   | ASTLIA 0904070134140904100073 | 36.233088   | 140.538516   | 2009-04-07T01:34:14Z | 1        | 1a    |              |
| 9   | ASTLIA 0902020134060903050010 | 36.285632   | 140.180138   | 2009-02-02T01:34:06Z | 1        | 1a    |              |
| 10  | ASTLIA 0901170134120901190476 | 35.810575   | 139.643856   | 2009-01-17T01:34:12Z | 5        | 1a    |              |
| 11  | ASTLIA 0901170134030901190475 | 36.341007   | 139.795101   | 2009-01-17T01:34:03Z | 2        | 1a    |              |
| 12  | ASTLIA 0901010134070901030476 | 35.753811   | 140.039720   | 2009-01-01T01:34:07Z | 3        | 1a    |              |

Please select any granule from the list above and click the "Select Granule" button below, in order to generate a product order.

Save search result | Previous Result | Add Filter | Browse List | Thumbnail List | Select Granule | De-select Granule

Search product made based on this granule | New Search | Product Order

## PRODUCT ORDER:

Once you've selected one or more granules, clicked the Select Granule button, and then clicked the Product Order button in the lower right-hand section of the screen, the **Product Estimate/Order** screen will display. An example of this screen is displayed below.

Product Estimate/Order

SPK News | Main News | Help

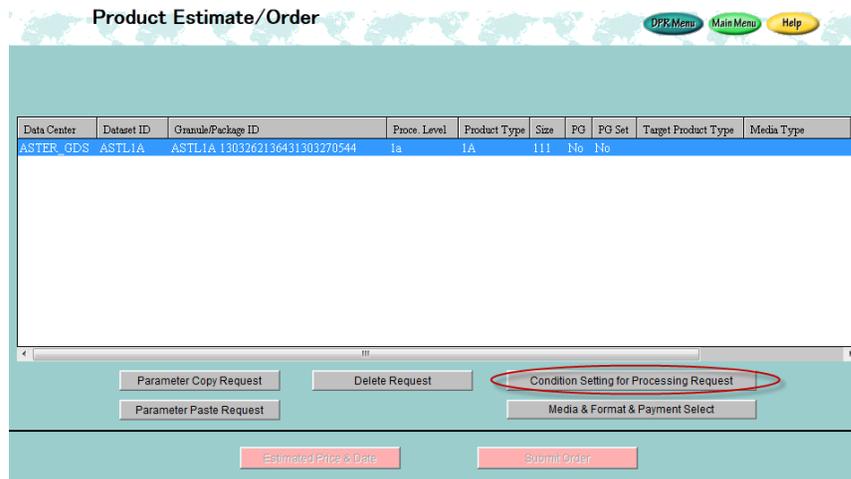
| Data Center | Dataset ID | Granule/Package ID            | Proc. Level | Product Type | Size | PG | PG Set | Target Product Type | Media Type |
|-------------|------------|-------------------------------|-------------|--------------|------|----|--------|---------------------|------------|
| ASTER_GDB   | ASTLIA     | ASTLIA 1007232339381007280171 | 1a          | 1A           | 111  | No | No     |                     |            |

Parameter Copy Request | Delete Request | Condition Setting for Processing Request  
 Parameter Paste Request | Media & Format & Payment Select

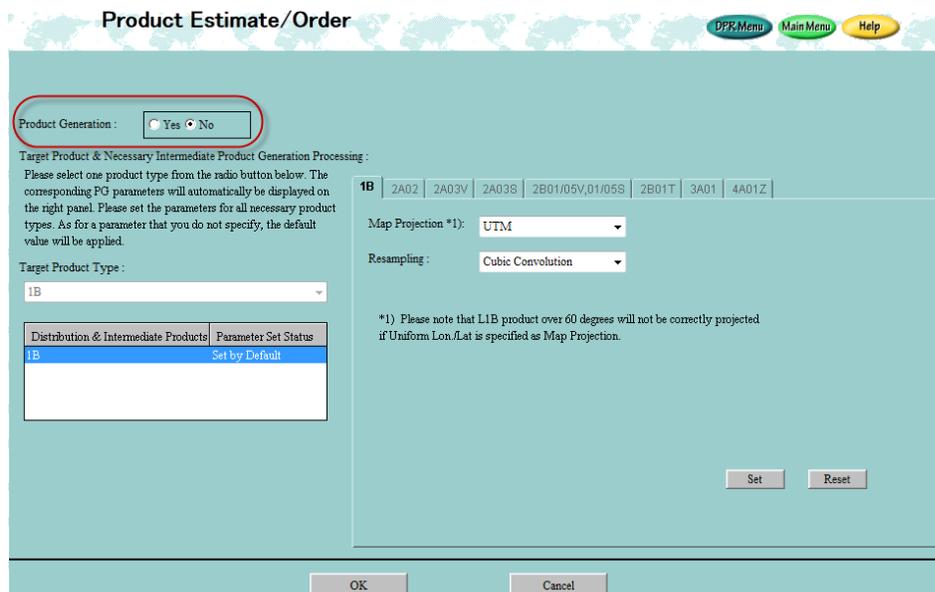
Estimated Price & Data | Submit Order

# Guide for Obtaining ASTER from Japan

- 1) On the **Product Estimate/Order** screen, highlight a row containing a granule you have selected for order. Then, click the **Condition Setting for Processing Request** button.

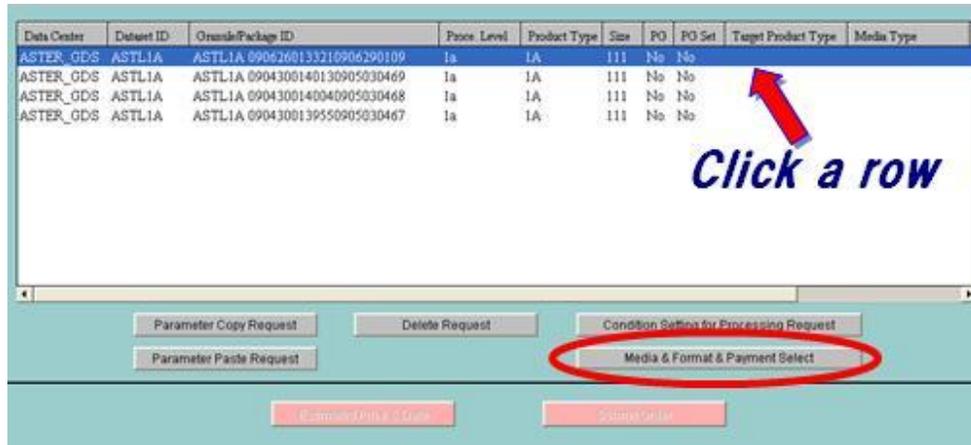


- 2) The screen that displays, allows you to accept the defaults: product **L1B**, map projection **UTM**, and resampling method of **Cubic Convolution**, or select **Yes** for **Product Generation** and choose from the available parameter options. Then click **OK**, and repeat Product Order Steps 1 and 2 until all the granules/scenes selected for order have processing parameters assigned to them. (Note: More than one output product type can be selected per input granule/scene so please verify the options for each product selected in the appropriate tab.)

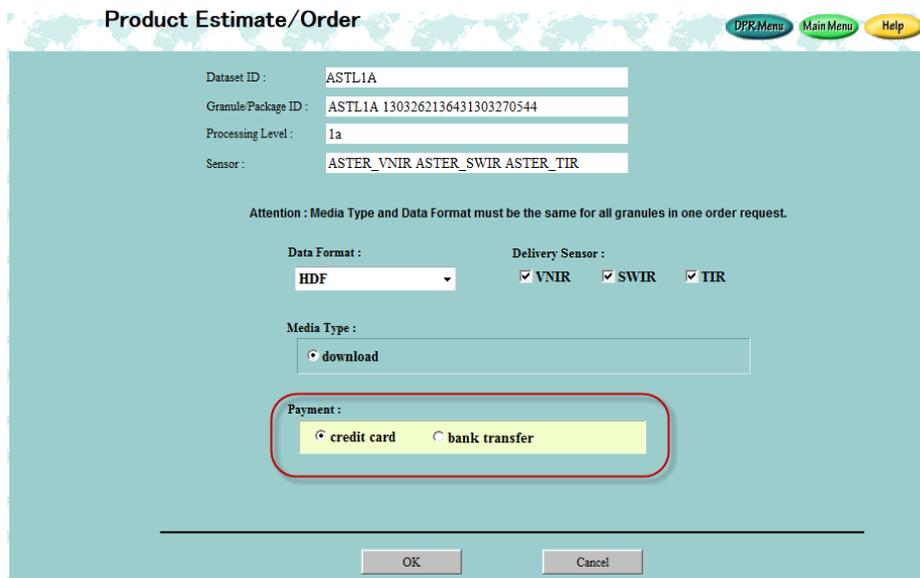


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- 3) Next, verify your product selections, then select a scene/granule, and then click the **Media & Format & Payment Select** button.



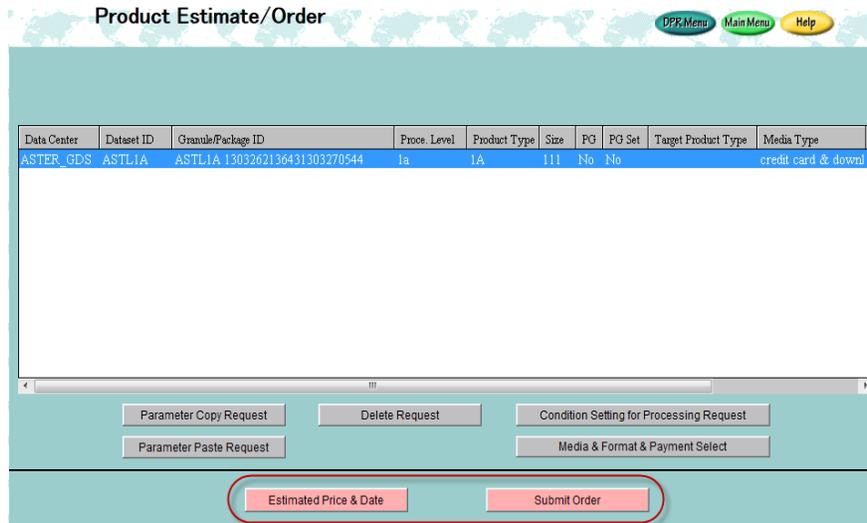
The screen below will display. Choose **VNIR**, **SWIR**, or **TIR** sensor options and your payment preference: **credit card** or **bank transfer**. Then click **OK**. Repeat this step until all granules selected for order have a payment method associated with them.



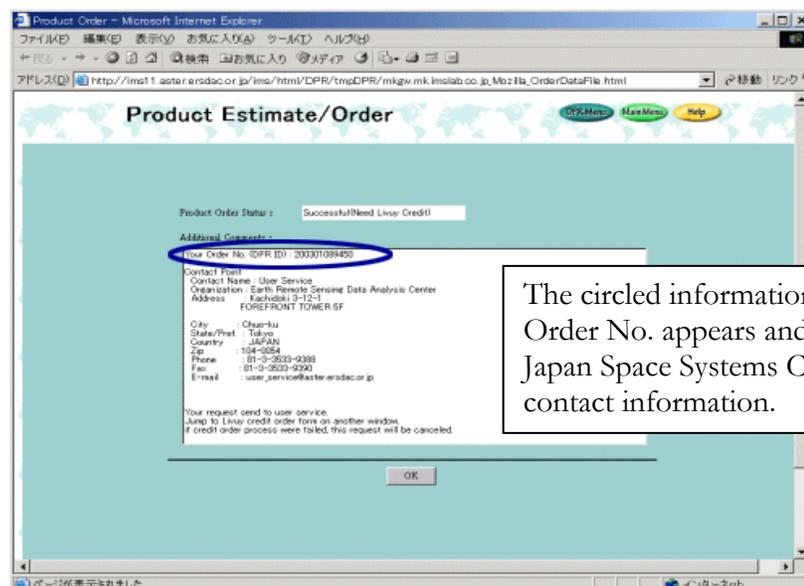
- 4) The next screens displayed with the title Product Estimate/Order provide the last opportunities to verify the correct products and parameters have been selected.
- The estimated cost and number of days until order should be ready to download can be reviewed by clicking on the Estimated Price & Date button.

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- b. The Detailed Price Estimate can also be reviewed for each individual granule/scene selected.
- c. Once estimate and selections have been reviewed, click the **Delete Request** button if you would like to remove a scene/granule from your order.
- d. When all parameters have been confirmed, proceed with clicking the **Submit Order** button.



- 5) The screen below will appear if the order is successfully accepted by ASTER GDS. **Important:** Please print this screen or record the order number (DPR ID) as this information will be needed for inquiries about your order.



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## PAYMENT BY CREDIT CARD:

If you chose credit card for your payment method, you will be taken to the **ZEUS payment service**. Note: This screen may take a long time to load, but please wait for it to display without clicking the browser's back button.

- 1) Enter your name as it appears on your credit card, your phone number, email address, credit card number, expiration date, and three digit security code located on the back of your card.
- 2) Verify the information you have entered is correct (*including your email address*).
- 3) Click **Submit**.

The screenshot shows a web browser window titled "Purchase Info - Mozilla Firefox" with the URL "https://linkpt.cardservice.co.jp". The page displays the "ERSDAC ASTER Product Order" form. The form is divided into three main sections: "Shopping information", "Cardholder information", and "Credit Card Information".

**ERSDAC ASTER Product Order**  
Earth Remote Sensing Data Analysis Center

Customer supports correspond 24 hours a day, 7 days a week. Please contact to Customer support.  
E-mail: [support@cardservice.co.jp](mailto:support@cardservice.co.jp)  
For placing an order, input necessary data in each box below, and click the "submit" button.

| Shopping information   |         |
|--|---------|
| * Price  | 9800yen |
| * Claimant Name<br><small>(It sometimes differs site name)</small> | ERSDAC  |

| Cardholder information |  |
|------------------------|--|
| * TEL Number           | <input type="text"/> Ex) 0123456789  |
| * Full Name            | <input type="text"/> Check to ensure that the name matches that of your credit card.<br><small>Ex) John Smith</small><br><small>Make sure that your name matches the one on your credit card. The use of your credit card may be suspended if improper use is suspected.</small> |
| * E-mail Address       | <input type="text"/> Check to make sure your email is entered correctly.<br><small>Ex) aaa@bbb.ccc.dde.ee</small>  |

| Credit Card Information |  |
|-------------------------|--|
| * Card Number           | <input type="text"/> Do not input hyphens.   |
| * Expired Date (EXP)    | <input type="text"/> 01 month / 20 11 year<br>Input the expiration date of your credit card.<br><small>Ex) 12 99</small> |
| * Security Code         | <input type="text"/> Ex) 123<br><a href="#">What is Security Code?</a>   |

\*For placing an order, input necessary data in each box above, and click the "submit" button.

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## ORDER CONFIRMATION EMAIL

- 1) An e-mail order confirmation message from ASTER GDS User Service (see example below) is sent via system generated email; please check your spam/junk mail filter for this message if you do not locate it in your 'IN' box.
- 2) When you receive the confirmation email message from sender **ASTER GDS IMS WEB**, please verify the information it contains is correct. If discrepancies are observed, you are advised to immediately contact Japan Space Systems ASTER GDS User Service for assistance.

Dr Jonny H Test

Thank you very much for ordering ASTER data.  
Your order has been successfully accepted as follows.  
If you have any question, please feel free to contact User Service of ASTER GDS.

---

Contact Name : User Service of ASTER GDS  
Organization : Earth Remote Sensing Data Analysis Center  
Address : Kachidoki 3-12-1  
          : FOREFRONT TOWER  
City : Chuo-ku  
State/Pref : Tokyo  
Country : JAPAN  
Zip : 104-0054  
Phone : +81-3-3533-9388  
Fax : +81-3-3533-9390  
Inquiry Page :  
[http://www.gds.aster.ersdac.or.jp/gds\\_www2002/service\\_e/inq.c\\_e/set\\_inq.c\\_e.html](http://www.gds.aster.ersdac.or.jp/gds_www2002/service_e/inq.c_e/set_inq.c_e.html)  
URL : [http://www.gds.aster.ersdac.or.jp/gds\\_www2002/index\\_e.html](http://www.gds.aster.ersdac.or.jp/gds_www2002/index_e.html)

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[Order Contents]

|                                      |            |
|--------------------------------------|------------|
| ASTL1B 0210040140480211201176 ASTL1B | 9,800 YEN  |
| tax                                  | 490 YEN    |
| total_cost                           | 10,290 YEN |

Total Amount 10,290 YEN  
Paid by Credit card

[Order No.] 200301089459 (DPR ID)

**Sample e-mail message of the order receipt**

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## ORDER NOTIFICATION/DATA DOWNLOAD NOTIFICATION

- 1) The Order Notification email is also sent via system generated email, so please be diligent in watching your 'Inbox' as well as your spam/junk mail filters for this message that should be received approximately 12 to 24 hours after order submission.

```
Dear **** - san

The product(s) you ordered is (are) now available on the website below.

After user certification at the following websites, you can access to
the download site in following two ways.
  a. Click a link of download notification.
  b. Click DPR -> DPR menu -> Product download menu.

You are able to download the files for 14 days after this email is sent to you.

User Certification:

  https://ims.aster.ersdac.jspacesystems.or.jp/ims/html/UserCertification/UserCertification_j.html
  https://ims.aster.ersdac.jspacesystems.or.jp/ims/html/UserCertification/UserCertification.html

USER ID:[*****]
DPR-ID:[DPR-*****]

Note:
Please do not reply to this email.
This mailbox is not set up to receive email.
If you have any questions, please contact ASTER GDS User Service.

ASTER GDS User Service
ERSDAC
Earth Remote Sensing Data Analysis Center

Inquiry Form:

  http://gds.aster.ersdac.jspacesystems.or.jp/gds_www2002/service_e/inq.c_e/set_inq.c_j.html
  http://gds.aster.ersdac.jspacesystems.or.jp/gds_www2002/service_e/inq.c_e/set_inq.c_e.html

PHONE: 81-3-3533-9388
FAX: 81-3-3533-9390
```

### Sample e-mail message of the notice for downloading

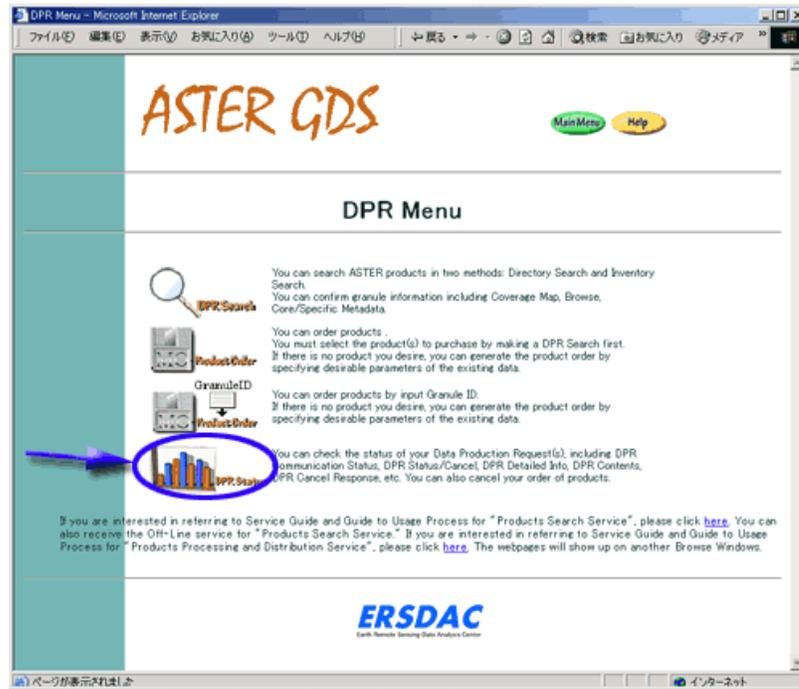
- 2) If you do not locate the order distribution email within this time frame, check the status of your order.

## DATA PRODUCT REQUEST (DPR) STATUS

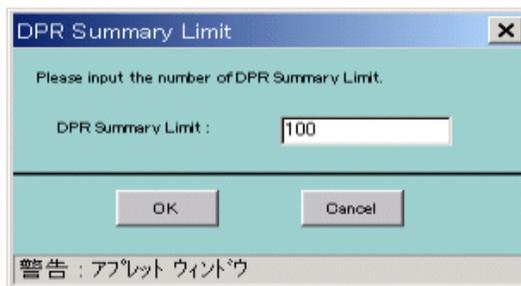
- 3) Select **DPR Status** ([http://ims.aster.ersdac.jspacesystems.or.jp/ims/cgi-bin/DPR\\_status\\_window.pl](http://ims.aster.ersdac.jspacesystems.or.jp/ims/cgi-bin/DPR_status_window.pl)) from the DPR Menu page

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([http://ims.aster.ersdac.jpspacesystems.or.jp/ims/html/DPR/DPR\\_Menu.html](http://ims.aster.ersdac.jpspacesystems.or.jp/ims/html/DPR/DPR_Menu.html)) to determine if your DPR/order has completed. . (Note: Users must log in and go through the User Certification process prior to being able to access the DPR Status page.)



- a. Enter the number of Data Product Request (DPR) Summaries to search in the pop-up box provided to review the status of your submitted orders.

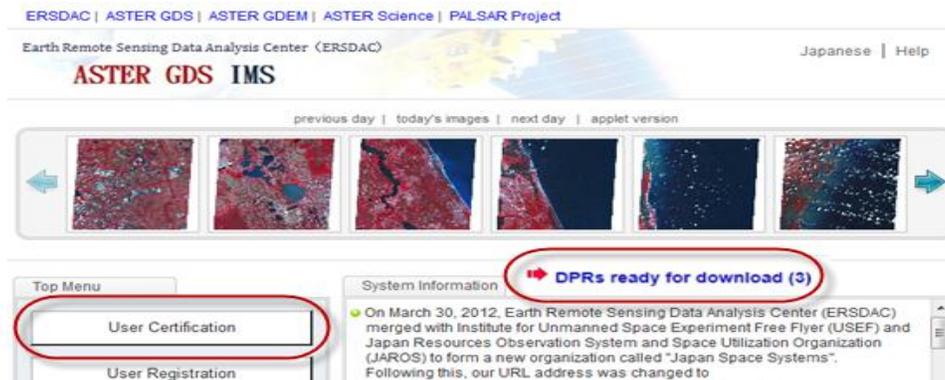


- b. Select the DPR/order of interest and then click **DPR Detailed Status**.
- 4) If the DPR Status column displays **COMPLETED** and you have not received the email containing the download instructions within 12 – 24 hours, contact Japan Space Systems ASTER GDS User Service for assistance, because **refunds are not provided for data that is not downloaded**.

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## DOWNLOAD FROM ONLINE DISTRIBUTION SITE

- 1) To download ASTER orders, go to the ASTER GDS IMS Web site:  
<https://ims.aster.ersdac.jpacesystems.or.jp/ims/html/MainMenu/MainMenu.html>
- 2) Click on the **User Certification** button and log in.
- 3) When you have data ready for download you will receive a notice on your screen similar to “DRPs ready for download”. Click on this link to go to the download Web site.

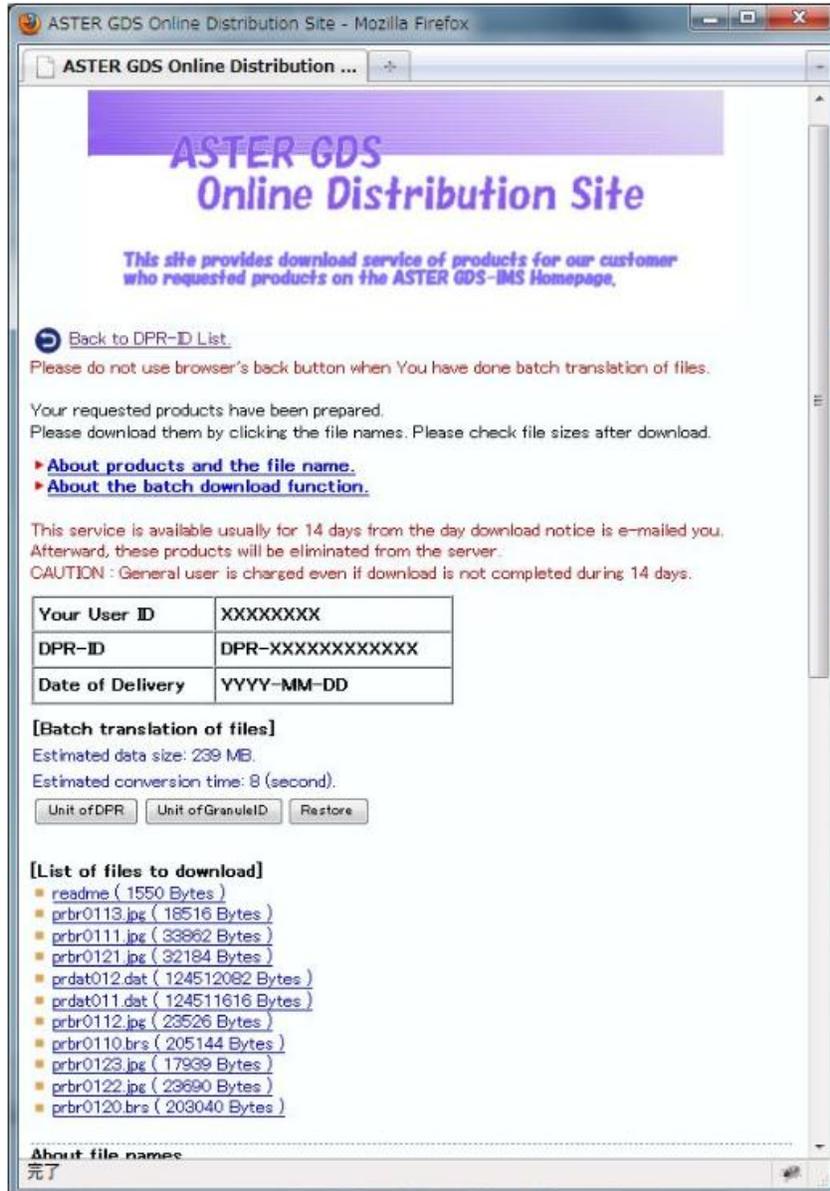


- 4) The ASTER GDS Online Distribution Site opens displaying DPR-ID download links.



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- 5) Click on the DPR-ID received in your order notification email to download the data and then use the “Back to DPR-ID List” link to return to your listing to download additional data.



- 6) The period allowed for downloading is set to **14 days** from the date of the data generation. After the 14 days, the data will be deleted. **(Note: You will be charged regardless of whether the data is downloaded or not.)** Please frequently confirm the status of your orders by following the Data Product Request (DPR) Status procedure provided above, so that you will not miss downloading your product(s).

# Guide for Obtaining ASTER from Japan

## REFERENCES

ASTER GDS FAQ

[http://www.ersdac.jspacesystems.or.jp/newFAQ/index\\_E.html](http://www.ersdac.jspacesystems.or.jp/newFAQ/index_E.html)

ASTER GDS (HELP) MAIN MENU:

<http://ims.aster.ersdac.jspacesystems.or.jp/ims/html/Help/HelpMenu.html>

ASTER GDS Tutorial for Products Search

[http://ims.aster.ersdac.jspacesystems.or.jp/ims/html/Help/DPR/productSearch\\_the/productSearch\\_1.html](http://ims.aster.ersdac.jspacesystems.or.jp/ims/html/Help/DPR/productSearch_the/productSearch_1.html)

ASTER GDS Tutorial for Products Processing and Distribution

[http://ims.aster.ersdac.jspacesystems.or.jp/ims/html/Help/DPR/productOrder\\_the/productOrder\\_1.html](http://ims.aster.ersdac.jspacesystems.or.jp/ims/html/Help/DPR/productOrder_the/productOrder_1.html)

ASTER GDS Tutorial for Credit Card Authorization/Download Data:

[http://gds.aster.ersdac.jspacesystems.or.jp/gds\\_www2002/service\\_e/all\\_guid\\_e/credit\\_e/set\\_all\\_guidoncre\\_e.html](http://gds.aster.ersdac.jspacesystems.or.jp/gds_www2002/service_e/all_guid_e/credit_e/set_all_guidoncre_e.html)

ASTER SWIR User Advisory Document:

[https://lpdaac.usgs.gov/sites/default/files/public/aster/docs/ASTER\\_SWIR\\_User\\_Advisory\\_July\\_2018\\_08.pdf](https://lpdaac.usgs.gov/sites/default/files/public/aster/docs/ASTER_SWIR_User_Advisory_July_2018_08.pdf)