

PM (PROJECT MANAGER) ROLE AT THE ESCALATION OF CHARTER

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Space and Disaster

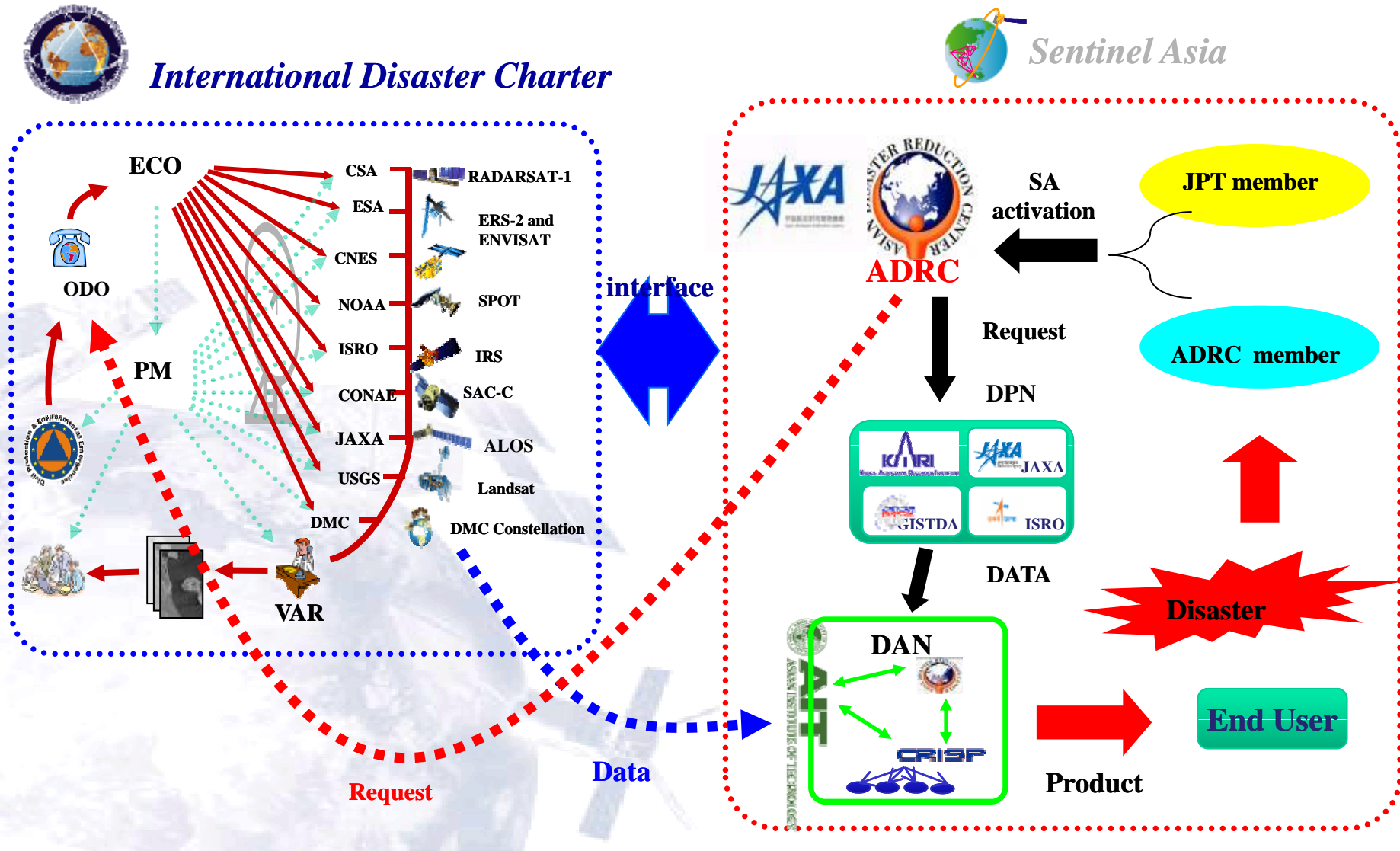


Mechanisms to Activate the Charter

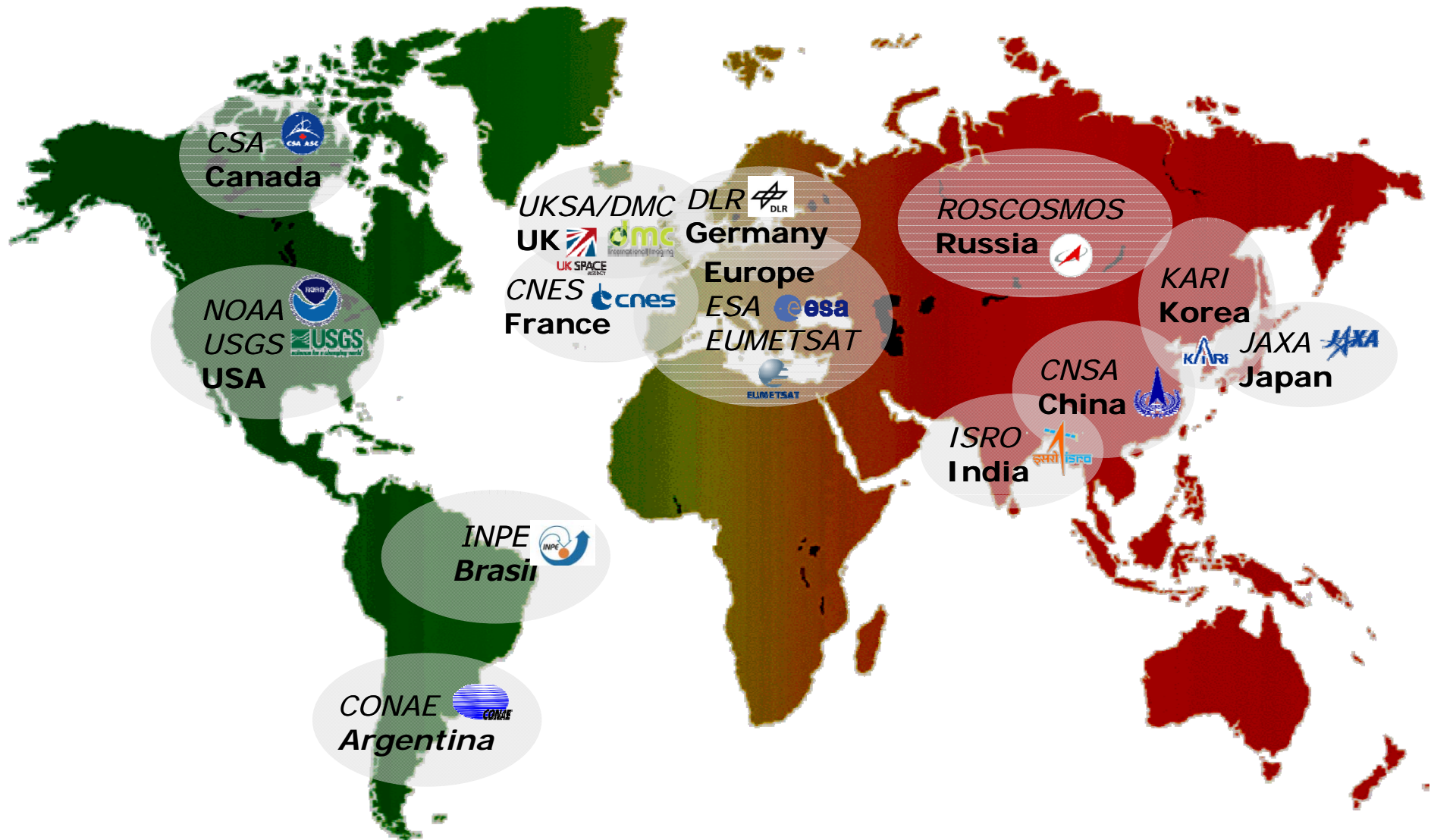
- **Direct activation:** The only bodies authorized to directly request the Charter to be activated for a disaster occurring in their country are the 'Authorized Users' (AUs). They are typically civil protection agencies, governmental relief organizations, or other authorities with a mandate related to disaster management.
- **Activation via an Authorized User on behalf of a user from another country without AU:** Authorized Users can access the Charter to request support for a disaster in another country with which they cooperate for relief purposes.
- **Activation via the UN for UN users:** The Charter has an agreement with UN OOSA (Vienna) and UNITAR/UNOSAT (Geneva) to provide support to UN agencies. UN OOSA and UNITAR/UNOSAT may submit requests on behalf of users from the United Nations.
- **Activation for Asia Pacific users via Sentinel Asia:** Sentinel Asia is a regional collaboration for satellite based emergency response in Asia Pacific. Since 2009 the Charter has granted the Asian Disaster Reduction Centre the right to submit activation requests on behalf of national users of Sentinel Asia.



Interface between the Charter and Sentinel Asia

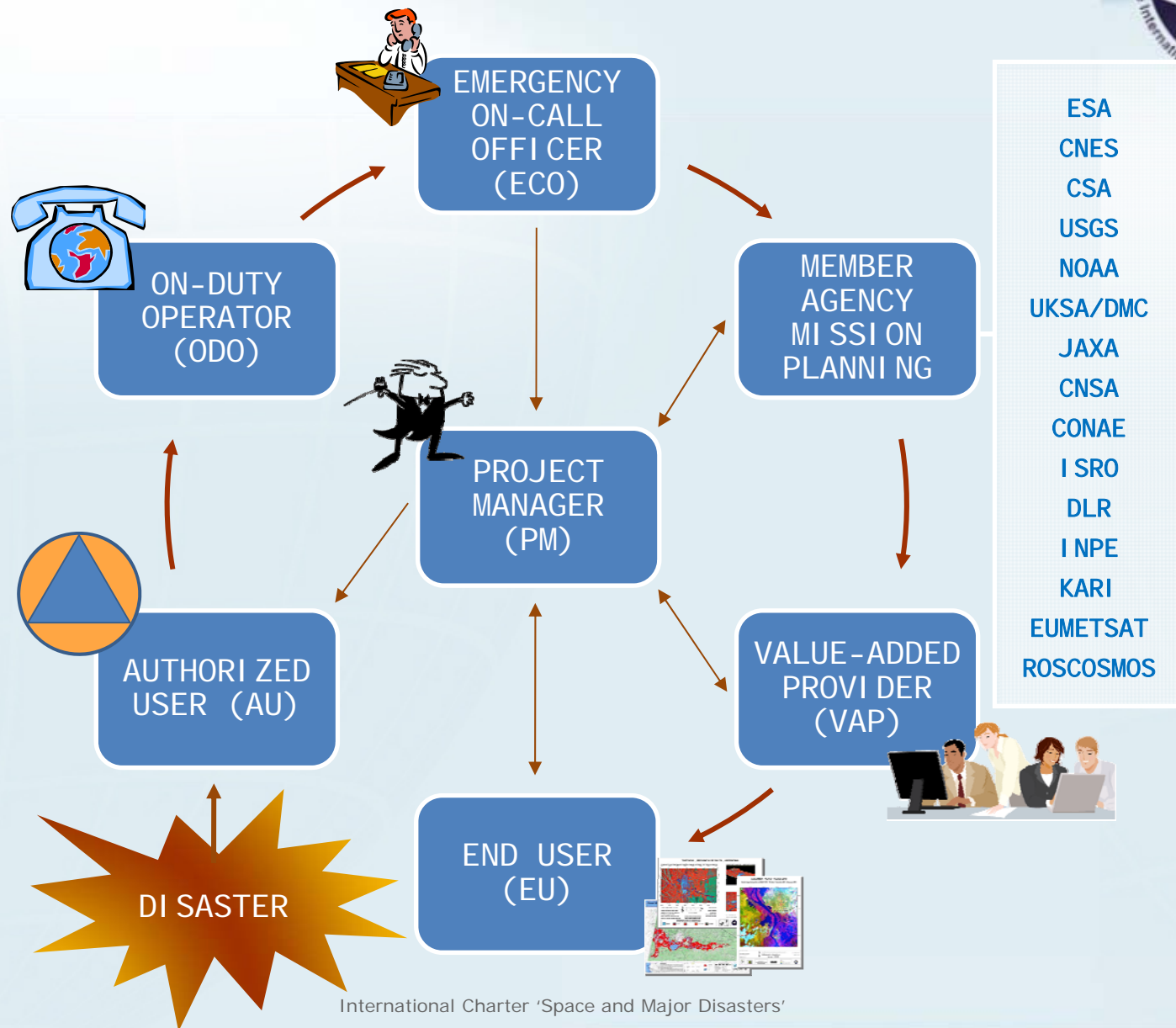


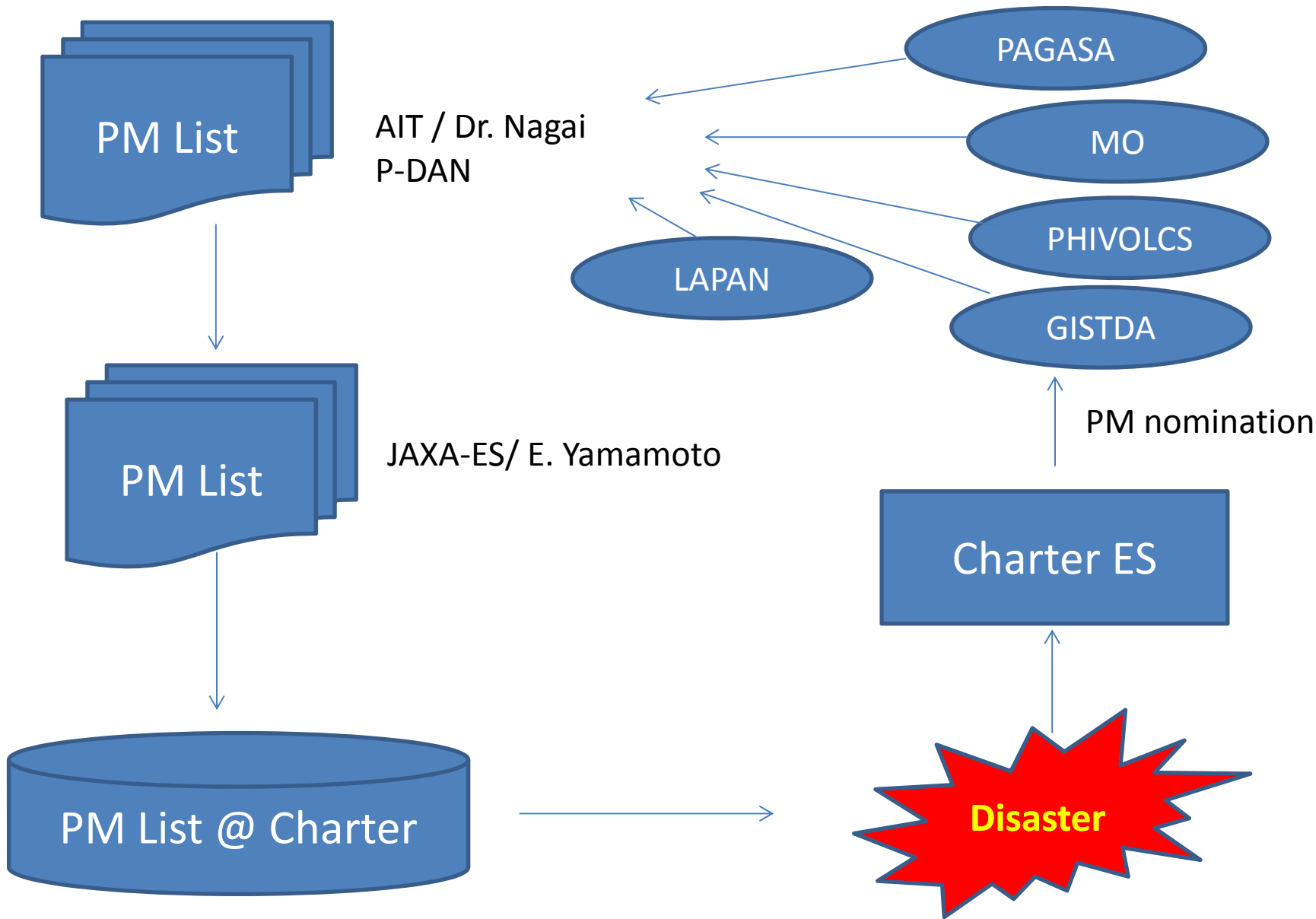
Charter Members





Charter Operational Loop





ROLE OF PROJECT MANAGER (PM). A STEP-BY-STEP ACCOUNT

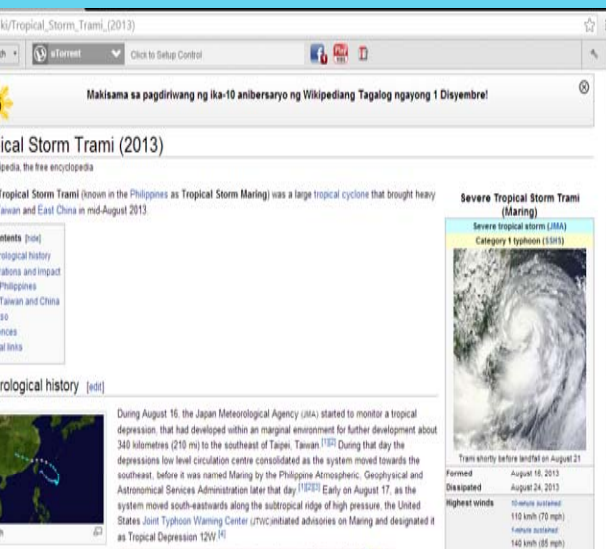
PRE-PM ENGAGEMENT (INFORMATION):

1. Disaster, Disaster News
2. Emergency Observation Request (EOR) triggered submitted to ADRC
3. Escalation to Charter. ADRC User Request Form (URF) submitted to International Charter for Space and Disaster (ICSD)
4. Executive Secretariat - JAXA (ES) request PM for the charter call.

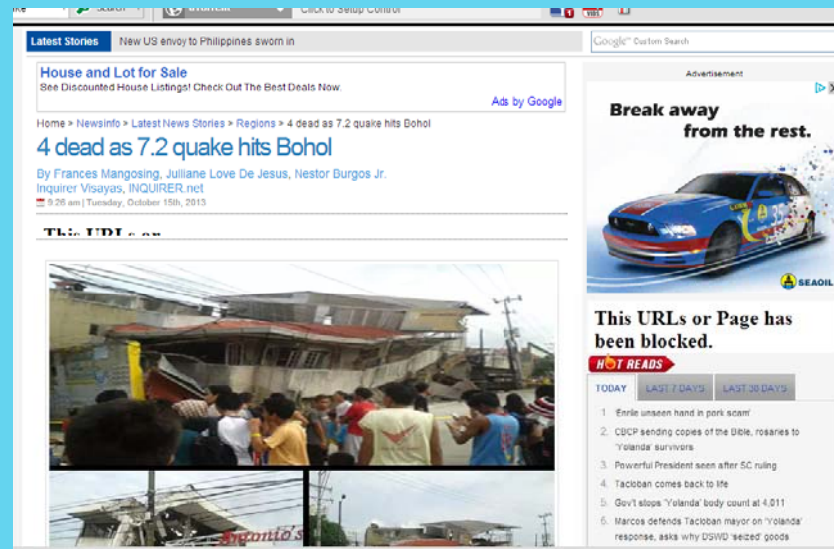
PM ENGAGEMENT (~45 days)

1. PM Acceptance and approval from ES.
2. PM notification from Emergency On-Call Officer (ECO) from ICSD, received Dossier and Welcome Documents
3. PM engaging Data Analysis Node (DAN) and end-users, note various requests
4. PM negotiations to Data Provider Node (DPN), negotiate various request
5. PM to solicit Value Added Products (VAP) and uploading to Charter Website
6. Closing Charter Call
7. Charter Call Report

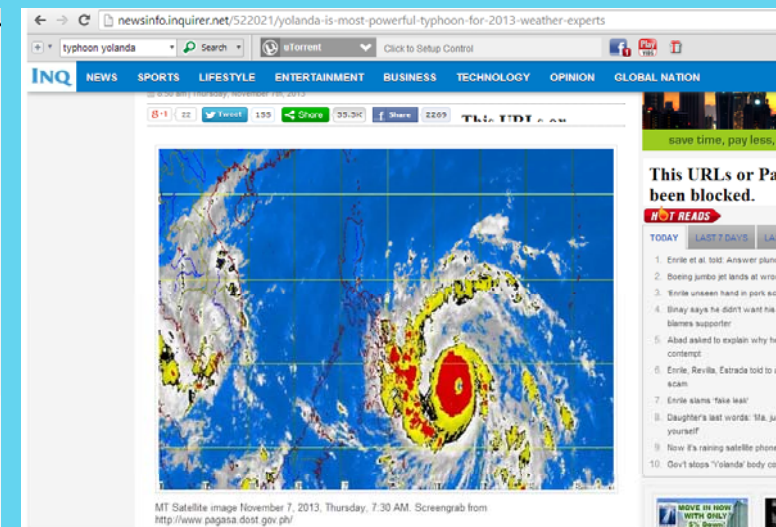
PRE-PM ENGAGEMENT (INFORMATION): DISASTER NEWS



August 18, 2013 Typhoon TRAMI (Maring)
Building Damage.
Agricultural Damage




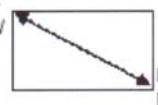
October 15, 2013 7.2Mw Bohol EQ
Fault Rupture, Liquefaction,
Landslides, Sinkholes, Ground
Deformations



November 7, 2013 Typhoon Yolanda (Haiyan) Storm Surge and Building and Agricultural Damage, Flooding

PRE-PM ENGAGEMENT INFORMATION):

END USER
trigger EOR
to SENTINEL
ASIA-ADRC

SENTINEL ASIA EMERGENCY REQUEST FORM	
Call ID (To be filled by ADRC) :	
Date and time of the call	
Date (dd/mm/yyyy, UTC)	15/10/2013
Time (UTC)	11:32
Local time zone	PHILIPPINES +8 UTC
Name of the organization and caller	
Name	ARTURO S. DAAG
Organization	PHILIPPINE INSTITUTE OF VOLCANOLOGY & SEISMOLOGY <input type="checkbox"/> ADRC member <input checked="" type="checkbox"/> JPT member (PHIVOLCS)
Phone	
Cellular Phone	+63917 9958450
Fax	+632 9207058
E-mail	asdaag49@gmail.com / asdaag@yahoo.com
Emergency type	
<input type="checkbox"/> Flood	<input type="checkbox"/> Landslide
<input type="checkbox"/> Volcano	<input checked="" type="checkbox"/> Earthquake
<input type="checkbox"/> Other :	<input type="checkbox"/> Storm
	<input type="checkbox"/> Ice hazard
	<input type="checkbox"/> Fires
	<input type="checkbox"/> Industrial danger
Approximate date and time of occurrence	
Date (dd/mm/yyyy, UTC)	15/10/2013 0012H UTC
Time (UTC)	0012H UTC
Local time zone	0812H CUTC+8)
Area details	
Area Name / Country	BOHOL CEBU ISLAND PHILIPPINES CEBU
<input type="checkbox"/> Circular zone	Coordinates of center point  Latitude : ° ' " N/S Longitude : ° ' " E/W Radius : km
<input checked="" type="checkbox"/> Rectangular zone	Coordinates of corners Lat. : 10 ° 28 ' 00 " N/S Lon. : 123 ° 47 ' 00 " E/W  Lat. : 9 ° 22 ' 00 " N/S Lon. : 124 ° 33 ' 00 " E/W
Comments or special instructions	
MAGNITUDE 7.2 EARTHQUAKE WITH EPICENTER LARGE DAMAGES ON COASTAL TOWNS AND POSSIBLE LANDSLIDES IN MOUNTAINOUS AREAS. AS OF THIS TIME 07 PERSONS DEAD. SEVERAL STRUCTURES COLLAPSED.	

ADRC member / JPT member :
Fill the form and fax it to ADRC, +81-78-262-5546
And send it as a backup via E-mail to sarequest@adrc.or.jp

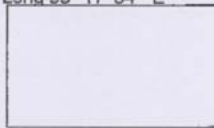
RESCALATE TO
INTERNATIONAL
CHARACTER: YE

October 15, 2013 7.2Mw
Bohol Philippine EQ

PRE-PM ENGAGEMENT INFORMATION):

DRC accepts EOR request and escalate to International Charter using USER REQUEST FORM (URF)

**User Request Form
(Affected area information)**

To be filled by ODO Call ID 338	
1. Date and time of the call 28/10/2010 02:40 UTC	DAY 28 MONTH (Spell) October YEAR 2010 TIME 15:00 LOCAL TIME ZONE JST UTC TIME 6:00
2. Name of the organization and caller (to be used for call back) Phone Fax Cellular phone E-mail	ADRC for Indonesia National Institute of Aeronautics and Space (LAPAN) +81-78-262-6540 Ext. +81-78-262-6546 Ext. ny-yamaguchi@adrc.asia
3. Type of disaster	
<input type="checkbox"/> earthquake <input type="checkbox"/> fire <input type="checkbox"/> flood <input type="checkbox"/> ice <input type="checkbox"/> landslide <input type="checkbox"/> ocean wave (tsunami) <input type="checkbox"/> oil spill <input type="checkbox"/> volcano <input type="checkbox"/> ocean storm (hurricane, cyclone, typhoon)	
<input checked="" type="checkbox"/> other (e.g. wind storm, tornado, industrial accident...) specify: TSUNAMI	
4. Geographical location	5. Geographical Coordinates in Degrees, minutes, seconds
Region/Country name, approximate geographical location and surface extent. Region/country name: Mentawai Islands, Indonesia Location From To Extent (km2)	a) Center Point(s) in priority order 1. Lat ° ' " N / S Long ° ' " E / W 2. Lat ° ' " N / S Long ° ' " E / W 3. Lat ° ' " N / S Long ° ' " E / W Please include any additional information on a separate page.
	b) Upper left Lat 1° 50' 13" S Long 99° 17' 34" E  Lower right Lat 3° 24' 0" S Long 100° 48' 0" E
6. Approximate date/time of occurrence or predicted occurrence	October 26, 2010
7. Additional information on the disaster	A two-meter high tsunami struck Mentawai islands off the western coast of Sumatra, Indonesia following a 7.2 magnitude undersea earthquake on Monday 25 October 2010 night. More than 100 people have been killed and many are missing after a tsunami triggered by an earthquake off.
8. Additional instructions (shipping instructions)	Only Inad area is interested and high resolution data are required
To be filled by ODO Authorized User <input type="checkbox"/> Other <input checked="" type="checkbox"/>	

Authorized User/Cooperating Body: Fill the form as indicated above and fax it to +39-06-94-180 202. A completed form may additionally be sent as a backup via email to: charterops@disasterscharter.org.

PM ENGAGEMENT:

JAXA Executive Secretariat (ES) notify disaster and invites PM on this particular charter event.

Eiko Yamamoto <yamamoto.eiko@jaxa.jp>

To: pmaximo64@yahoo.com, sheilasy26@gmail.com, asdaag@yahoo.com, asdaag@yahoo.com, arturo.daag@phivolcs.dost.gov.ph, Rokhis.Khomarudin@lapan.go.id, masrokhis@phivolcs.dost.gov.ph, Masahiko Nagai <nagaim@ait.ac.th>, mabee.cahulogan@gmail.com, mabelline.cahulogan@gmail.com
Cc: Z-JAXA-ES <Z-JAXA-ES@jaxa.jp>

Dear All,

This is Eiko Yamamoto from JAXA.

As an Executive Secretariat of the Disaster Charter, I inform you that following disaster activated the Sentinel Asia and escalated to the Disaster Charter.

Disaster Type: Earthquake

Pace of Occurrence: Philippine

Date of Occurrence: 15 October 2013

(EOR of Sentinel Asia as attached.)

I would like ask you to contribute the Project Manager of Disaster Charter to handle this matter. Anyone who wish to take the role, please respond to me immediately, at least until at 6am on 16 October 2013 (UTC).

Best regards,

Eiko Yamamoto

PM ENGAGEMENT:

PM accepts
engagement to the
charter call disaster

October 15, 2013 7.2Mw Bohol EC

Dear Ms. Yamamoto,

I would like to take the lead
to be the PM of this event.
The initial area requested is
a bit large, we will make
the AOI smaller when
ground data becomes
available.

Regards,

Arturo Daa

PM ENGAGEMENT:

PM receives Dossier and PM Welcome Document from Emergency On-Call Officer (ECO) International Charter

DOSSIER		
Date (dd/mm/yyyy) :	Call ID:	
URF: <i>Please attach URF file received from ODO</i>		
ECO on-duty		
Name		
Agency		
Phone		
Fax		
Mail		
AU		
Name / Organization		
Address		
Phone		
Fax		
Mail		
EU		
Name / Organization		
Address		
Phone		
Fax		
Mail		
Emergency type		
<input type="checkbox"/> Earthquake	<input type="checkbox"/> Flood <input type="checkbox"/> Ice <input type="checkbox"/> Storm / Hurricane	
<input type="checkbox"/> Fires	<input type="checkbox"/> Industrial danger <input type="checkbox"/> Landslide <input type="checkbox"/> Volcano	
<input type="checkbox"/> Other:		
Area details		
Area Name / Country		
Map of interest:	<i>Please Attach a .jpg image file</i>	
General Information on the event:		
Information and preferences provided by Requester:		
Acquisition & Archives Plan		
Agency	Satellites	Program / Archive
<input type="checkbox"/> CNES	<input type="checkbox"/> PLEIADES <input type="checkbox"/> SPOT	<input type="checkbox"/> Pr. <input type="checkbox"/> Ar.
<input type="checkbox"/> ESA	<input type="checkbox"/> ENVISAT* <input type="checkbox"/> ERS2*	<input type="checkbox"/> Pr. <input type="checkbox"/> Ar.
<input type="checkbox"/> CSA	<input type="checkbox"/> RADARSAT	<input type="checkbox"/> Pr. <input type="checkbox"/> Ar.
<input type="checkbox"/> ISRO	<input type="checkbox"/> IRS-P5 <input type="checkbox"/> Resourcesat-2 <input type="checkbox"/> Oceansat-2	<input type="checkbox"/> Pr. <input type="checkbox"/> Ar.
<input type="checkbox"/> ISRO	<input type="checkbox"/> IRSP6 * <input type="checkbox"/> Cartosat-2 <input type="checkbox"/> Risat-2 <input type="checkbox"/> IMS-1	<input type="checkbox"/> Pr. <input type="checkbox"/> Ar.
<input type="checkbox"/> CONAE	<input type="checkbox"/> SAC-C	<input type="checkbox"/> Pr. <input type="checkbox"/> Ar.
<input type="checkbox"/> NOAA	<input type="checkbox"/> POES <input type="checkbox"/> GOES	<input type="checkbox"/> Pr. <input type="checkbox"/> Ar.
<input type="checkbox"/> USGS	<input type="checkbox"/> LANDSAT <input type="checkbox"/> VHR Commercial	<input type="checkbox"/> Pr. <input type="checkbox"/> Ar.
<input type="checkbox"/> DMC	<input type="checkbox"/> DMC Constellation	<input type="checkbox"/> Pr. <input type="checkbox"/> Ar.
<input type="checkbox"/> JAXA	<input type="checkbox"/> ALOS*	<input checked="" type="checkbox"/> Pr. <input type="checkbox"/> Ar.
<input type="checkbox"/> CNSA & TNPE	<input type="checkbox"/> CRYERS*	<input checked="" type="checkbox"/> Pr. <input type="checkbox"/> Ar.
<input type="checkbox"/> DLR	<input type="checkbox"/> TerraSAR-X/TanDEM-X	<input type="checkbox"/> Pr. <input type="checkbox"/> Ar.
<input type="checkbox"/> KARI	<input type="checkbox"/> KOMPSAT-2	<input type="checkbox"/> Pr. <input type="checkbox"/> Ar.
ERF: <i>Please attach all the ERF files sent as well as an event log prepared by the ECO along with a summary of any difficulties encountered</i>		
*Only archive images are available		

Dossier prepared by ECO
List of satellite mission planning
Charter member contact information

About: **Activation 392 (call 459), Earthquake in Philippines**
Activation Date: **15 10 2013**

NOTE: The **red sections** are to be filled / updated by the Executive Secretariat representative prior to transmission to the PM.

Dear Project Manager,

Congratulations on your nomination for this Charter Activation. The Charter members are pleased to welcome you as Project Manager. We know that your work is critical for supporting our contribution to the disaster relief effort and you can rest assured that the Charter system is here to support you.

This document is provided to all Project Managers to inform them about Charter resources that are available and to provide guidelines for the report and products required to complete the activation.

PM Report and Web material to be submitted before

29 11 2013

(45 days after activation date)

PM Report must be submitted to the Charter Executive Secretariat member who nominated the PM.
Results are to be provided to the Charter Webmaster.

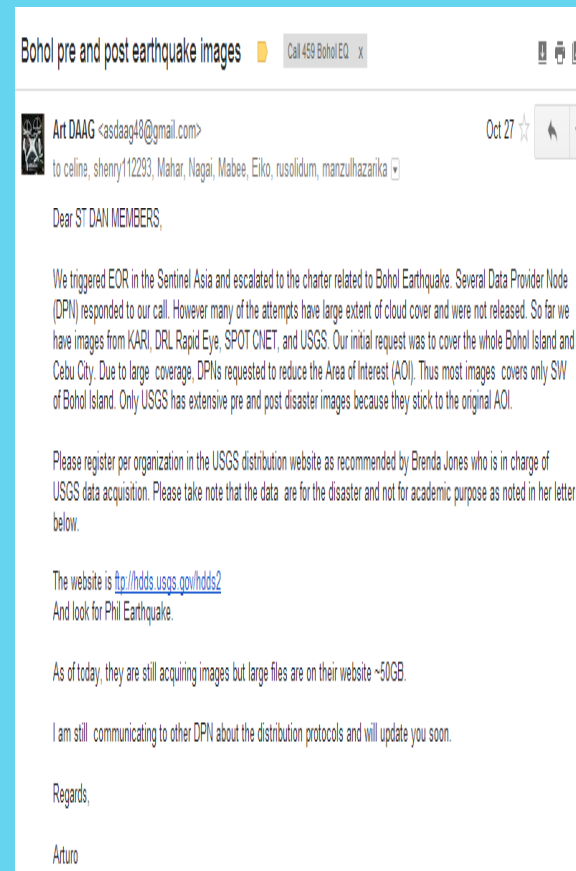
PM Welcome Document
Activation Number and Call ID
Charter website and password
PM Report Form

ENGAGEMENT:

ENGAGING DANS AND END USER
(Bulk of the work)

PM email DANS and provide
satellite data, accepts and
request from various DAN
member, e.g. AOIs, ftp sites,
password, sensors, etc.

PM email and announce Value
Added Products to END USER



Arturo Daag
<asdaag48@gmail.com>
Aug 20

to shenry112293, pmaximo64,
Sheila, aloyzaga, celine,
Masahiko, noinah, amfal2,
narod.eco, rusolidum, Mabee
Dear SA Members (PAGASA, MO,
NIGS, PHIVOLCS,

An Emergency Observation
Request (EOR) was triggered by
MO (Dr. Loyzaga) regarding the
flooding caused by TY Maring. I
was assigned as Project Manager
(PM) for this event to manage
data request. So far, three Data
Providers (SOPT 5, RADARSAT and
TERRASAR) have enclosed their
area coverage, see attached. The
area covers Metro Manila and
some part in the north and south.
Please email ASAP so that we can
proceed with the request if
agreed. Or signify other areas if
needed. You may use corner
coordinates or use define in
Google Earth with KML files to
define new area.

Thank you,
Arturo

ENGAGEMENT:

NEGOTIATING WITH DPN and PA
(Bulk of the work)

PM received various emails
from DPN/PA re: acquisition
plans and decisions, AOIs,
image status, etc.

PM acknowledge emails and
MUST REPLY email ASAP.

PM negotiates acquisition and
re-acquisition of satellite data

Charter Call 448 - Philippines flooding: Please confirm who will use RADARSAT-2 data

Arturo Daag <asdaag48@gmail.com>
To: Stephen.Schaller@aso-csa.gc.ca

Wed, Aug 21, 2013 at 12:47 AM

Dear Sir Schaller,

The following will be the user of the data and they can sign NDA document.

1. PHIVOLCS (Myself)

Name: Arturo S. Daag

Organization: Philippine Institute of Volcanology and Seismology (PHIVOLCS)

Address: PHIVOLCS Building, C.P. Garcia St. U.P. Diliman, Quezon City, Philippines

Phone: +83917 9968450

E-mail: asdaag@yahoo.com

2. Manila Observatory

Name: Dr. May Celine T.M. Vicente, Program Manager

Organization: Center for Environmental Geomatics, Geomatics for Environment and Development
Program, Manila Observatory

Address: Ateneo de Manila University, Loyola Heights Campus, Katipunan Rd., 1101 Quezon City,
MM PHILIPPINES

Phone: (832) 426 59 39/ 59 59

E-mail: celine@observatory.ph

3. AIT (PM)

Name: Dr. Masahiko Nagai, Associate Director

Organization: Geoinformatics Center, Asian Institute of Technology

Address: km 42, Paholyothin Highway, P.O. Box 4, Klong Luang, Pathumthani 12120, THAILAND

Phone: +66-89-025-0484

E-mail: nagaim01@gmail.com

4. PAGASA

Name: Dr. Susan Espinueva, Division Chief, Hydrometeorological Division

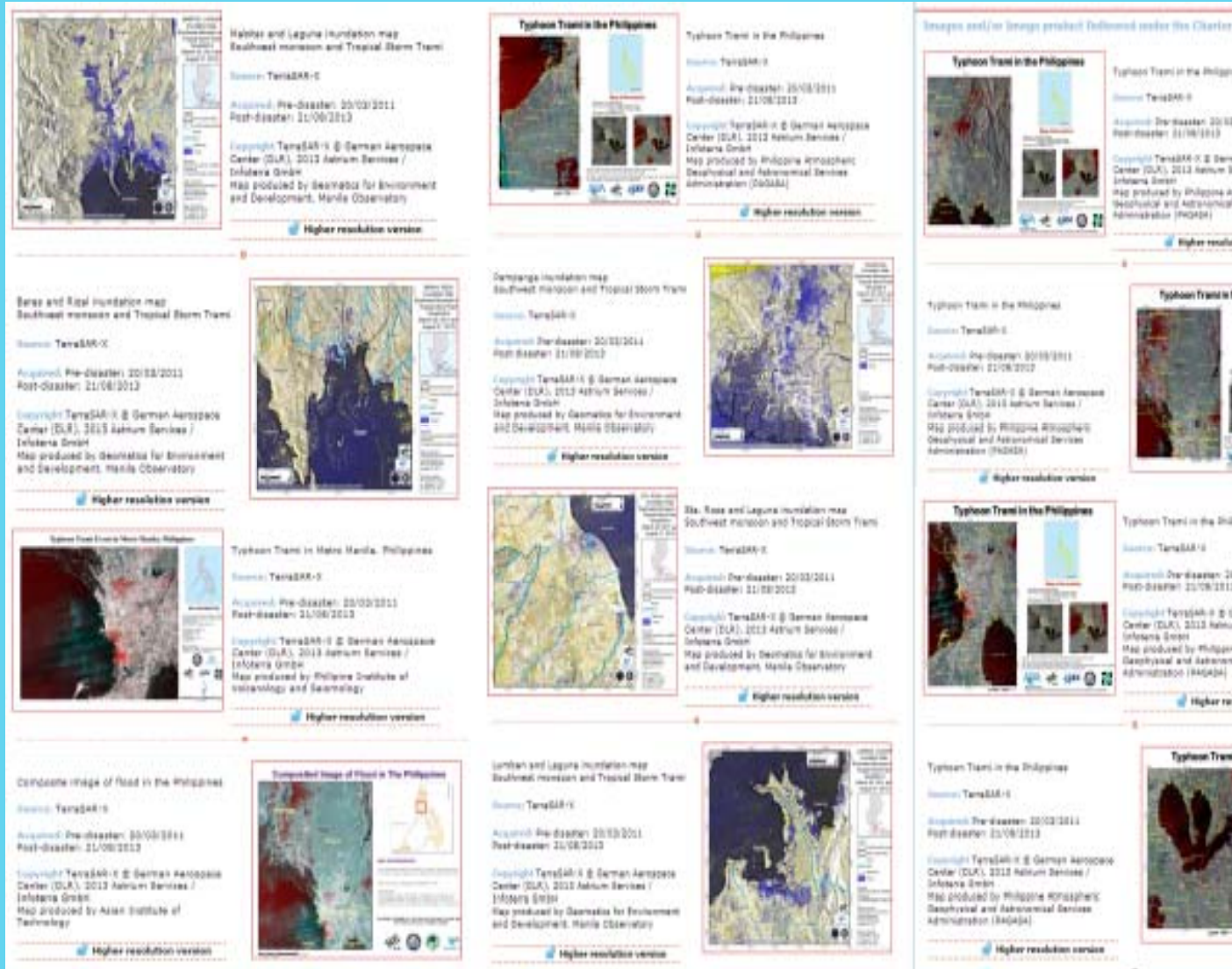
Organization: Philippine Atmospheric, Geophysical, and Meteorological Services Administration

Address: BIR Road, Quezon City, Philippines,

Email: shenry112293@yahoo.com

ENGAGEMENT:

Soliciting Value Added products
PM request DANs to submit VAP following Map format.
PM checks logos and copyrights.



. CLOSING CHARTER CALL

Closure of Charter 448

charter.sec@dlr.de <charter.sec@dlr.de>

Mon, Sep 16, 2013 at 3:01 PM

To: asdaag48@gmail.com, executivesecretariat@disasterscharter.org

Dear Arturo Daag / all,

thank you for your kind message.

With this I confirm the closure of call 448.

Best regards

Jens

ENGAGEMENT:

M uploads Value
Added Products (VAP)
to Charter Website
within 45 days after the
activation.

The screenshot shows a web browser displaying the International Charter Space & Major Disasters website. The URL is www.disasterscharter.org/web/charter/activation_details?p_r_p_1415474252_assetId=ACT-448. The page features a navigation menu on the left, a main content area with a map and event details, and a sidebar with social media links.

International Charter Space & Major Disasters
Charter International de l'Espace et des Catastrophes Majeures

Contact Us | English | Español | Français | 日本語 | 中文

Flood, landslide and storm in Manila, the Philippines

[Back to Charter Activation](#)

Type of Event	Flood, Landslide, Tropical Storm
Location of Event	Manila, the Philippines
Date of Charter Activation	19 August 2013
Charter Requestor	Asia Disaster Reduction Centre (ADRC) on behalf of Manila Observatory
Project Management	Philippine Institute of Volcanology and Seismology (PHIVOLCS)

Description of the Event

The capital city of the Philippines, Manila, has been flooded by monsoon rains caused by Tropical Storm Trami (known locally as Maring). 5000 people have been evacuated from Metro Manila, where water levels have reached knee height in some areas. At least three people have been reported killed so far and several are missing.

The Philippines were still recovering from the effects of Typhoon Utor (locally Labuyo) which passed over the Philippines last week. Though the nation is regularly victim to storms, this has been reported as the worst this year. The weather bureau declared a red alert for the situation on 18 August until downgrading it to yellow on the morning of 19 August as the rains lessened from heavy to moderate.

Offices and schools have been shut down in the city centre and local water reservoirs have reached their limits, leading to some of the floodgates being opened to avoid uncontrolled flooding.

Close to Manila, flooding reached as high as waist, and even neck, deep in some areas of Cavite.

A state of calamity has been declared in the province of Manila and it is

ENGAGEMENT:

PM REPORT

International Charter Space and Major Disasters



Charter Activation # 383

Charter Call ID # 448

Disaster Event Flooding

Disaster Location : Northern Metro Manila and
Central Luzon Philippines

Date of Final Reporting

PM Report

Reporting forms completed by: Arturo S. Daag

Reporting forms reviewed by:

Project Managers for Charter activations are expected to provide the PM report to the Charter Executive Secretariat within 45 days after the start of the activation.

*Completion of these fields is mandatory.

THANK YOU

