



G-LIO.NET

"The logical evolution of LIO"

2014 Campaign KO





What is G-LIO.NET?

- // Technical presentation will be avoided this time
- New version of *LioDotNet* for 2014 campaign
 - Profiles driven workflow
 - More automatic controls on data (dates, upload metadata, coverages status...)
 - Acquisitions are new delivery units
 - Monthly invoicing of validated and billable acquisitions (*basketification*)
 - Automatic import of feasibility results
 - Integrated simplified version of the *G - QuickLook Browser (G-QLB)*
 - New users' roles
 - Improvements in the layout (**new colors!**)
- Starting point for the *NG-LIO.NET*



What is JRC providing?

- The **G-LIO.NET 1.0** version and all potential bugs fixings (*1.0.x* versions)
- Hosting infrastructure
- Operational support
- Control over validation of conflicting acquisitions
- (Basket management to allow monthly invoicing of acquisitions)
- Technical guidance for *NG-LIO.NET* developments
- Documentation

Introducing G-LIO.NET - Actors

PREVIOUS ROLES	
<u>Host</u>	Superuser (stays in JRC)
<u>PROV_Order_Edit</u>	Providers accounts able to manage orders
<u>PROV_Acquisition_Edit</u>	Providers accounts able to manage AR
<u>ADMIN_Acquisition_View</u>	Administrations accounts able to view AR
<u>ADMIN_Order_View</u>	Providers accounts able to view orders
<u>CONT_Acquisition_Edit</u>	Contractors accounts able to manage AR
<u>CONT_Order_Edit</u>	Contractors accounts able to manage orders
<u>JRC_Acquisition_Edit</u>	JRC accounts able to manage AR
<u>JRC_Acquisition_View</u>	JRC accounts able to view AR
<u>JRC_Order_Edit</u>	JRC accounts able to manage orders
<u>JRC_Order_View</u>	JRC accounts able to view orders
<u>JRC_Setting_Edit</u>	JRC accounts able to manage portal settings
<u>JRC_Setting_View</u>	JRC accounts able to view portal settings

Introducing G-LIO.NET – Actors

JRC  **JRC**
EUROPEAN COMMISSION



HOST  **JRC**
EUROPEAN COMMISSION



OPERATOR 
ASTRIUM
AN EADS COMPANY



MS ADMIN



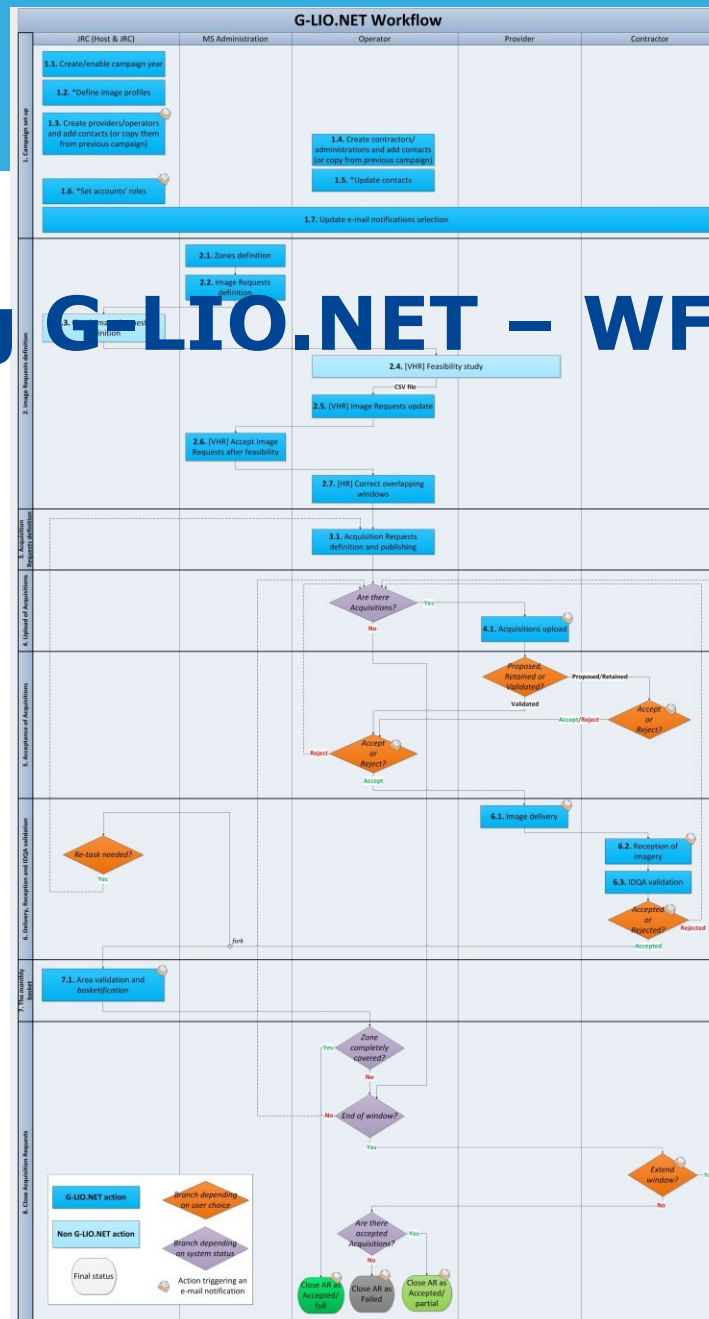
CONTRACTOR



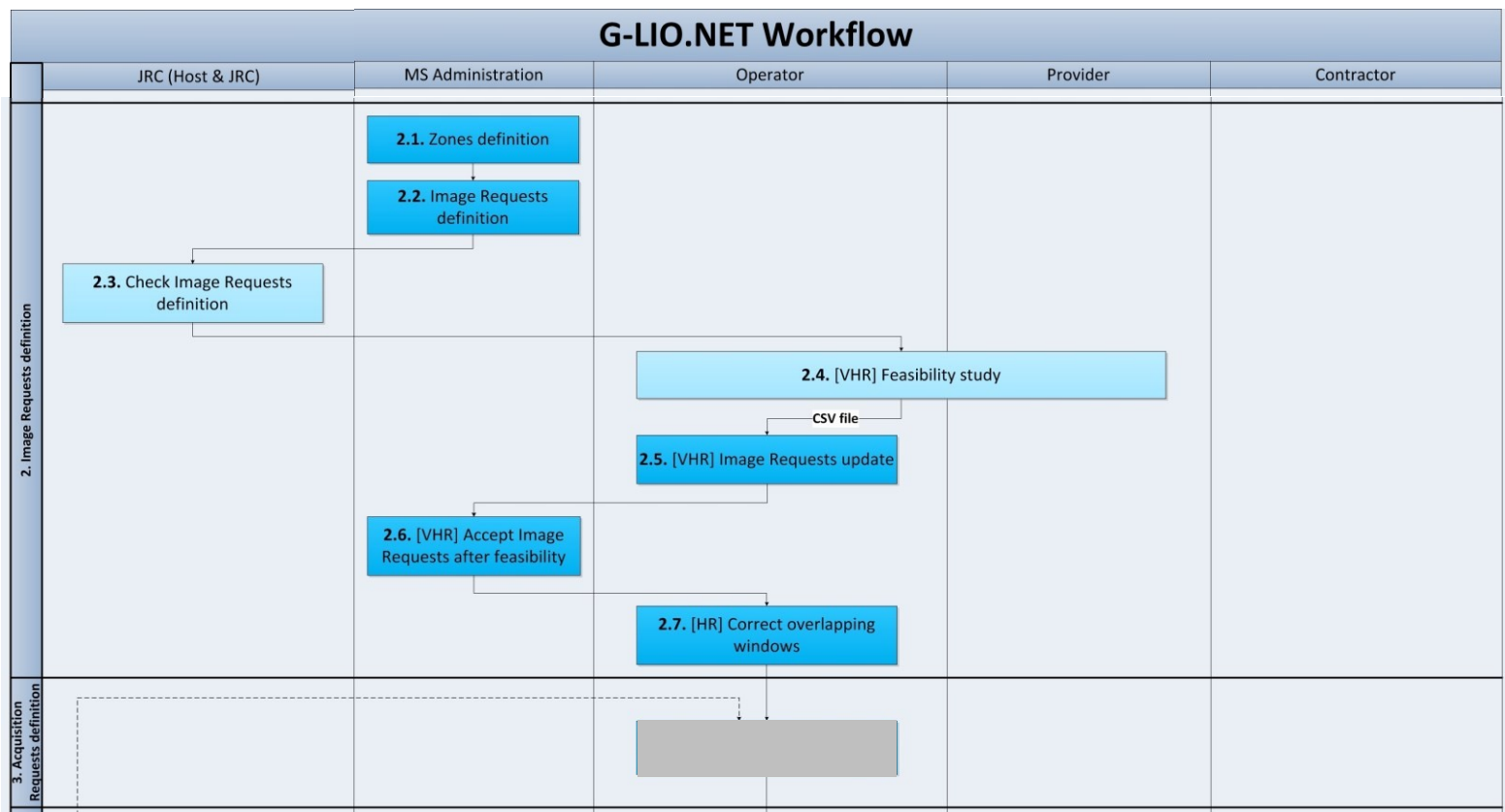
PROVIDER



Introducing G-LIO.NET – WF



2. Image Requests definition





2. Image

Who? – MS Admin

Why? – To insert

When? – At the

Periodicity? – N

Tools? – G-LIO.M

Issues? – coherence

Year : 2020
Country : DEMO_ITALY
Zone(s) :

Available	Assigned
ARAN	
BONIN	
DE123	
DEMO	
DTEST	
FRAN1	
FRAN2	
FRAN3	
GAGG	

AUTUMN start : [Calendar](#)
AUTUMN end : [Calendar](#)
WINTER start : [Calendar](#)
WINTER end : [Calendar](#)
HR-1 start : [Calendar](#)
HR-1 end : [Calendar](#)

VHR profile : If you select difficult zones, we suggest you to choose **VHR Profile A2**. No automatic check will be performed
VHR mode :

- A1. VHR prime - CwRS
- A2. VHR prime - LPIS/Italy/Complex**
- A3. VHR prime - Pan only
- A4. VHR - Stereo
- B. VHR archive
- C. VHR re-task
- D. VHR proposed
- E. VHR backup

VHR start :
VHR end :

VHR2 profile :
VHR2 mode : ☒ Bundle ☐ Pansharpened
VHR2 start : [Calendar](#)
VHR2 end : [Calendar](#)

N. of HR windows after VHR :
HR windows length :
Dead period length : weeks
HR mode : ☒ Multispectral ☐ Pansharpened
HR+1 earliest start : [Calendar](#)
HR+1 latest start : [Calendar](#)

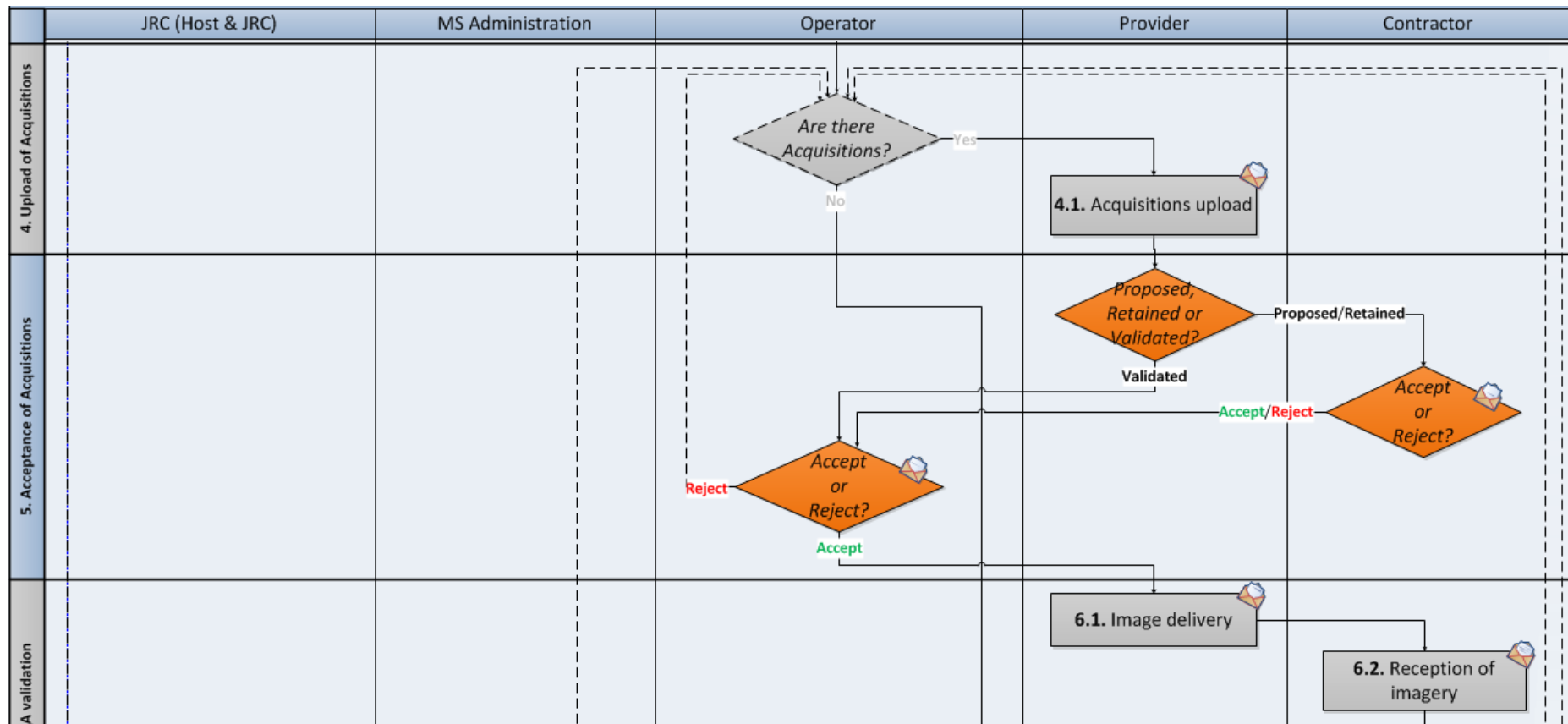
MS ADMIN



er requested

ysis

5. Acceptance of Acquisitions





Acquisitions

Id	Acq. identifier	
18870	53140_1	
18869	53140_1	DS_SPOT6_2013080

Profile :
Image type :
Description :
Comment :
Sensor: SPOT6

Cloud Cover :
Haze Flag :
Elevation :
Acquisition Date :
Acquired Area (Provider) :

Filename :
LocalPath :
ContentLength :
ContentType :
UploadDate Date :

Display Order :

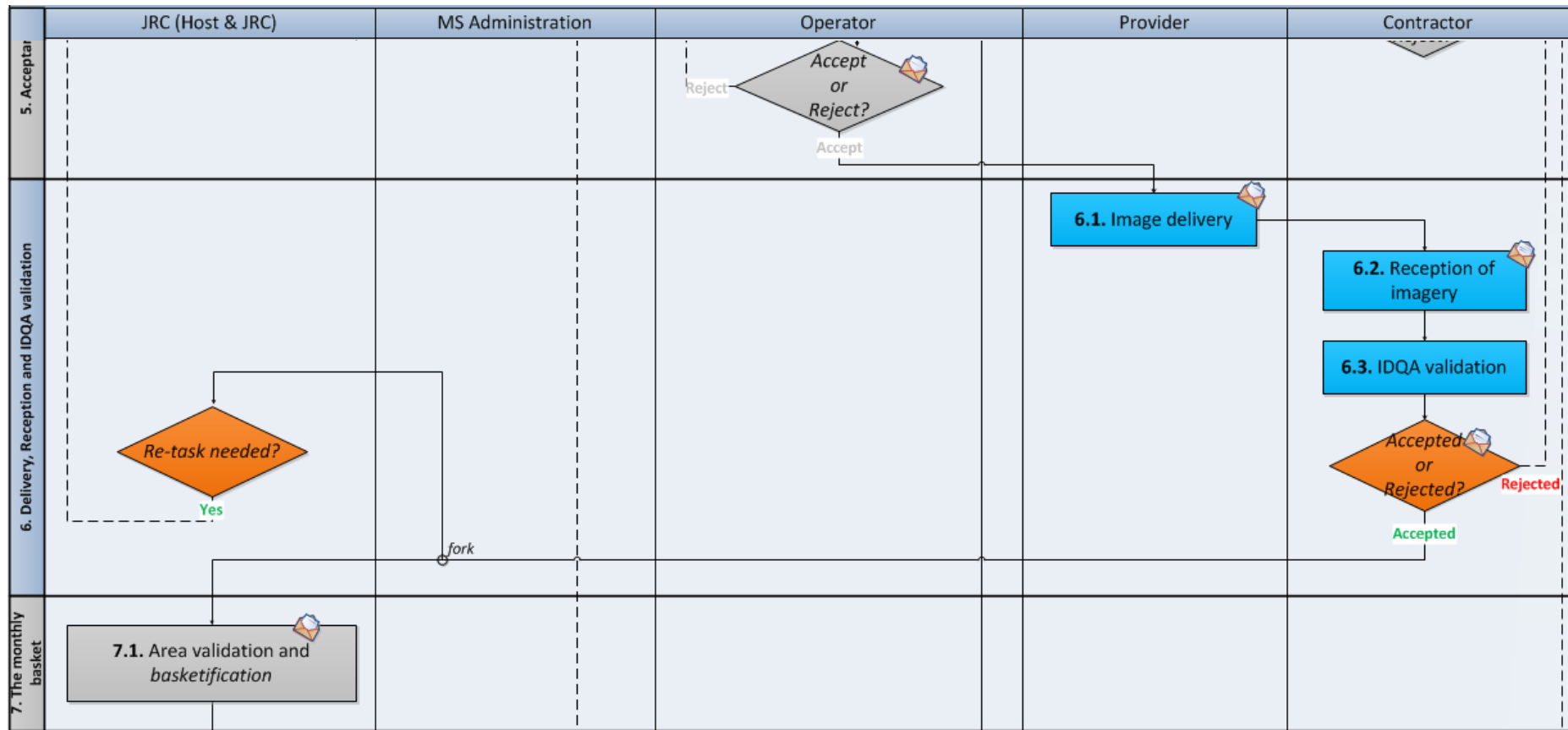
Provider state :
Contractor state :
Operator state :

Update Back

CONTRACTOR
OPERATOR

Provider state	Contractor state	Operator state	Workflow status
Proposed	Empty	Empty	In preparation
Proposed	Empty	Empty	In preparation

6. Delivery, Reception and IDQA validation





6. Delivery validation

Who? – Contractor

Why? – To allow

When? – As soon

the re

Periodicity? –

Tools? – G-LIO.

Issues? – Important

value

Cloud Cover : 0.0
Haze Flag : ☐
Elevation : 68.22
Acquisition Date : 01/02/2014
Acquired Area (Provider) : 1000

Filename : ORBI.shp
LocalPath : d:\vhrBrowser\Y2040\DEMO_ITALY\ORBI\2014_2_17_1\
ContentLength : 0
ContentType :
UploadDate Date : 17/02/2014

Display Order : 2
Provider state : Validated
Operator state : Accepted

Acquisition delivery status - Provider

☒ Delivered Date : 17/02/2014 Calendar
Delivery note : Scegli file Nessun file selezionato Upload Download

Acquisition receiving status - Contractor

☒ Received Date : 17/02/2014 Calendar

IDQA

Zone	DATAREAD	GEOMANC	GEOMGCP	CAPIQVIS	CAPIQCC	
18868[ORBI]	Yes	Yes	Yes	Good	Partially	17/02/2014 14:30:52

IDQA test by Contractor
Date : 17/02/2014

Acquired area (provider) : 1000
Acquired area (checked) : 1000
Final decision : Accepted
☒ IDQA performed

Update Back

CONTRACTOR

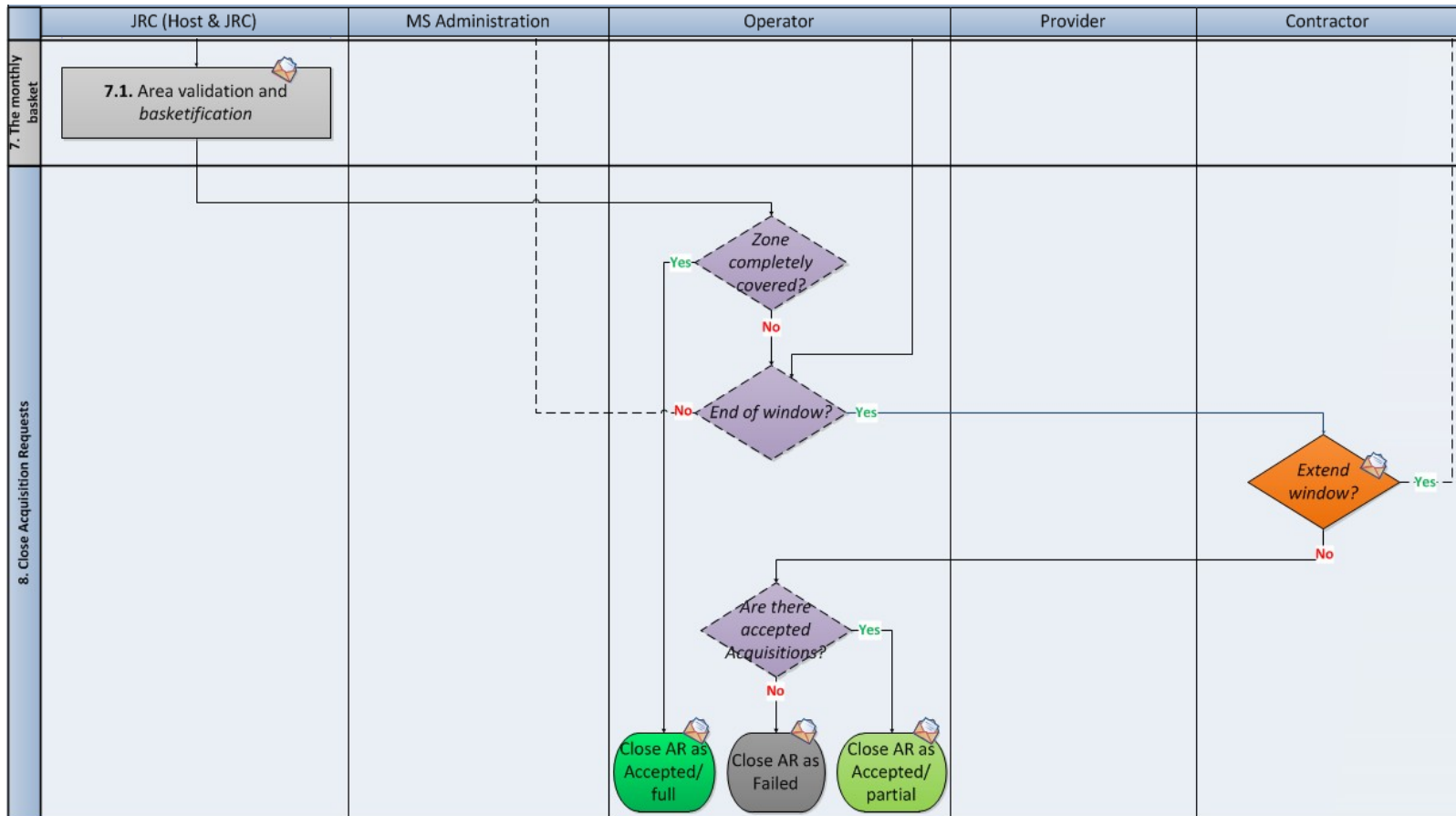


Working days after

every time new

on, as this

8. Close Acquisition Requests





8. Close Acquisition Requests

Who? – Operator accounts

Why? – To declare the final status of an Acquisition Request

When? – Depending on the final status of the AR:

- Fully/Accepted -> when the whole Zone area has been covered
- Partially/Accepted -> when the window ended and at least one Acquisition has been accepted by Contractor and the whole Zone area has not been covered
- Failed -> when the window ended and not acquisition has been accepted
- Closed -> in case of issues with the definition of the AR or if Contractor does not need images anymore

Periodicity? – Several times during the whole campaign, once for each Acquisition Request

Tools? – G-LIO.NET

Issues? – ensure Contractor does not wish an extension before entering Partially/Accepted or Failed status.



Future G-LIO.NET?

- Outsourcing of developments
- Framework contractors will provide the NG-LIO.NET (2015 campaign), following JRC technical guidance
- ...We look forward to it, now the ball is in EUSI and ASTRIUM hands...



'Trailer' video

Let's play it!

(curb your enthusiasm, please)



Thank you

SimsEC-IAT team

simsEC, Digital Earth and Reference Data unit, JRC Ispra

6th March 2014

Joint
Research
Centre