

Digital Routing / Locating the Diagnostic Request on the Workspace

A new “Digital Imagery” workflow has been incorporated into ARM, which is used when an image is associated with a tentative determination. This workflow is intended to facilitate PPQ's existing urgent digital image identification processes.

For some pest groups, tentative digital urgent diagnostic requests where Digital Imagery Routing has been indicated will route to a different National Specialist location than if the physical specimen is being sent for morphological identification. As part of this workflow, a new required field, Diagnostic Routing Type, has been added to the Area Identifier Determination Information screen. Diagnostic Routing Type has two values: "Digital Imagery" and "Morphological."

The screenshot shows the 'Determination Information' screen in the ARM system. The event ID is PIS317060002. The screen includes fields for 'Determination' (Aphididae), 'ID Type' (Morphological), 'Method' (Morphological), and 'Date Determined' (07/03/2017). The 'Diagnostic Routing Type' field is highlighted with a red box and currently shows 'Morphological'. A sidebar on the right contains metadata such as 'DR ID: PIS317060002-DR02', 'Inspection Date: 06/06/2017', and 'Priority: Urgent'.

A close-up of the 'Diagnostic Routing Type' drop-down menu. The menu is titled 'Diagnostic Routing Type *' and contains two options: 'Digital Imagery' and 'Morphological'. The 'Morphological' option is currently selected and highlighted in blue.

Drop-down Menu for Diagnostic Routing Type field

When the Area Identifier uploads images and uses Digital Imagery for the routing, the diagnostic request is considered closed by ARM and an email is automatically sent to the appropriate National Specialist; the Area Identifier submitting the request will be copied on the email.*

* ARM currently does not include an email back to the Area Identifier location to request the specimen. Contact will need to be made outside of ARM by the National Specialist location to let the Area Identifier know they need to send the physical spec

NOTE: During the digital routing process, the diagnostic request leaves the Area Identifier’s active view when it is sent to the National Specialist. Because the diagnostic request has been completed by the Area Identifier, it is moved to the Area Identifier’s completed view.

But if the National Specialist requests a physical specimen, the diagnostic request reappears as an active diagnostic request in the Area Identifier’s workspace with a status of “AI Diagnostic Request in Progress.”

Tracking the Tentative Digital Urgent Diagnostic Request to NS on the Workspace

A diagnostic request that has not been acknowledged or is not complete can be found on the Area Identifier workspace in the Active view. In this exercise we will track PIS317060002-DR02. Note that the view is “Show Active”:

DR ID

PIS317060002-DR02

Show Active

The screenshot shows the 'Test PIS3 PPQ: Area Identifier Workspace' interface. The table below lists diagnostic requests with columns for Images, Priority, Inspection Date, DR ID, Inspection Location, Shipment ID, WPM, Commodity, Origin, Discipline, Determination, Inspector, Assigned To, and Status. The first row is highlighted with a red box around the DR ID 'PIS317060002-DR02'. The 'Show Active' filter in the top right is also highlighted with a red box.

Images	Priority	Inspection Date	DR ID	Inspection Location	Shipment ID	WPM	Commodity	Origin	Discipline	Determination	Inspector	Assigned To	Status
	Urgent	06/06/2017	PIS317060002-DR02	Test PIS3 PPQ	CN 66668	Not Present	Alchemilla sp. - Alchemilla sp. (PM)	Anguilla	Entomology	Aphididae	Inspector1 TestPIS3	Select Owner...	AI Pending Specimen Receipt
	Urgent	01/18/2017	PIS317010002-DR01	Test PIS3 PPQ	Multiple	Not Present	Multiple	United States of America	Entomology	Heteroptera	Supervisor2 TestPIS3	Botany, TestPIS3	AI Diagnostic Request In Progress
	Urgent	10/20/2016	PIS316100030-CD01	Test PIS3 PPQ	SB SB1020K16	Not Present	Alocasia sp. - Alocasia sp. (PM)	United States of America	Entomology	Alocasia sp. - Alocasia sp. (PM)	Inspector1 TestPIS3	Select Owner...	AI Diagnostic Request In Progress

The Tentative ID to NS with Digital Routing appears on the Determination Information page as shown below. Note that even though the Method field response is “Digital Imagery,” the “Diagnostic Routing Type” determines the routing. The Method field captures the method used to identify the pest.

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Diagnostic Request Identifier Determination

Determination Information

Event ID: PIS317060002

1 Determination Information

Acknowledge Receipt * Accept for ID *

Identification Exception

Determination * Aphididae

ID Type * Tentative - Route to NS Method * Digital Imagery

Date Determined 07/03/2017

Are there multiple taxa in the diagnostic request sample? * No

DR ID: PIS317060002-DR02
 Inspection Date: 06/06/2017
 Priority: Urgent
 WPM Present: No
 1 Commodity: Alchemilla sp. - Alchemilla sp. (PM)
 Origin: Anguilla
 Host Proximity: On
 Host Part: Stem

Diagnostic Routing Type * Digital Imagery

The Diagnostic Request Routed Digitally to NS on the Area Identifier Workspace

To find the diagnostic request, you will now need to look in the “completed” view on the workspace.

Test PIS3 PPQ: Area Identifier Workspace

Diagnostic Exclusion Options Statistics

15 records per page

Show Complete: 1 Day

Images	Priority	Inspection Date	DR ID	Inspection Location	Shipment ID	WPM	Commodity	Origin	Discipline	Determination	Inspector	Assigned To	Status
	Urgent	06/06/2017	PIS317060002-DR02	Test PIS3 PPQ	CN:66668	Not Present	Alchemilla sp. - Alchemilla sp. (PM)	Anguilla	Entomology	Aphididae	Inspector1 TestPIS3	Select Owner...	NS Pending Specimen Receipt

Showing 1 to 1 of 1 entries

Finding the Diagnostic Request on the Workspace when a physical specimen has been requested by NS

The diagnostic request will reappear in the Active view on the Area Identifier workspace when the National Specialist requests a physical specimen and the Area Identifier must take an action on it. The status displays, “AI Diagnostic Request in Progress.”

The screenshot shows the 'Test PIS3 PPQ: Area Identifier Workspace' interface. A table lists diagnostic requests with columns for Priority, Inspection Date, DR ID, Inspection Location, Shipment ID, WPM, Commodity, Origin, Discipline, Determination, Inspector, and Assigned To. A red box highlights the 'Status' column, which shows 'AI Diagnostic Request In Progress' for three entries. A blue arrow points from a callout box above to the 'Status' column. The callout box contains a checked checkbox and the text 'AI Diagnostic Request In Progress'.

Priority	Inspection Date	DR ID	Inspection Location	Shipment ID	WPM	Commodity	Origin	Discipline	Determination	Inspector	Assigned To	Status
Urgent	06/06/2017	PIS317060002-DR02	Test PIS3 PPQ	CN-66668	Not Present	Alchemilla sp. - Alchemilla sp. (PM)	Anguilla	Entomology	Aphididae	Inspector1 TestPIS3	Select Owner...	AI Diagnostic Request In Progress
Urgent	01/18/2017	PIS317010002-DR01	Test PIS3 PPQ	Multiple	Not Present	Multiple	United States of America	Entomology	Heteroptera	Supervisor2 TestPIS3	Botany, TestPIS3	AI Diagnostic Request In Progress
Urgent	10/20/2016	PIS316100030-CD01	Test PIS3 PPQ	SB-SB1020K16	Not Present	Alocasia sp. - Alocasia sp. (PM)	United States of America	Entomology	Alocasia sp. - Alocasia sp. (PM)	Inspector1 TestPIS3	Select Owner...	AI Diagnostic Request In Progress

Tracking Tentative Digital Urgent Diagnostic Requests to AIs on the Workspace

If a tentative digital urgent has been submitted to an Area Identifier in a different location, follow the guidance regarding National Specialists above.

If a tentative digital urgent has been submitted to an Area Identifier at the same location where you are stationed, you will find the submitted diagnostic request among the active diagnostic requests on your workspace.

The screenshot shows the 'Test PIS3 PPQ: Area Identifier Workspace' interface. A red box highlights the 'Show Active' dropdown menu in the top right corner of the workspace area.

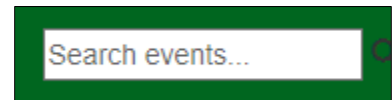
Note the status:



Urgent	10/05/2016	PIS316100007-DR01	Test PIS3 PPQ	Multiple	Not Present	Bouteloua radicata - Bouteloua radicata (PM)	Mexico	Plant Pathology	Botrytis cinerea Pers. Fr. (Sclerotiniaceae)	Supervisor2 TestPIS3	Select Owner...	<input type="checkbox"/> AI Pending Specimen Receipt →
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Searching for a Diagnostic Request

Any item – diagnostic request, shipment, EAN – can be search via their event ID using the “search events” field on the workspace.



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Test PIS3 PPQ: Area Identifier Workspace

Search events

Diagnostic Exclusion Options Statistics

Diagnostic

15 records per page

Images	Priority	Inspection Data	DR ID	Inspection Location	Shipment ID	WPM	Commodity	Origin	Discipline	Determination	Inspector	Assigned To	Status
	Urgent	01/18/2017	PIS317010002-DR01	Test PIS3 PPQ	Multiple	Not Present	Multiple	United States of America	Entomology	Heteroptera	Supervisor2 TestPIS3	Botany, TestPIS3	AI Diagnostic Request In Progress

Whether the diagnostic request is active or completed, it will appear in the search results:

Search

Event/RA/DR ID

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Search events

Search

15 records per page

Item Type	Event/RA/DR ID	Shipment ID's	Pest ID	Exam Batch ID	Inspection Location	Current Location	Status
Diagnostic Request	PIS317060002-DR02	CN 66668			Test PIS3 PPQ	USDA Beltsville - Entomology	NS Pending Specimen Receipt

Showing 1 to 1 of 1 entries

First Previous 1 Next Last