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Section 1
System Overview
Section 1 objectives

By the end of this section you will be able to:

- Know where to go to access the new usage reporting system
- Know the different modules of the usage reporting system
- Know about Follow-up, table setting and downloading data
New Usage Reporting (UR) System

URL: https://usagereport.arm.com/login

You will log into the system using your SSO email address and password.
Home Page

Quick Navigation

My Follow-Ups – follow ups with due date assigned by ARM UR Owner

Follow-Ups

<table>
<thead>
<tr>
<th>SHOW</th>
<th>OVERDUE (0)</th>
<th>DUE TODAY (0)</th>
<th>UPCOMING (0)</th>
<th>CLOSED (0)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Description</th>
<th>Priority</th>
<th>Status</th>
<th>Owner</th>
<th>Due</th>
</tr>
</thead>
</table>

No Follow-ups
Modules of the UR System (1 of 4)

Products – Add/Edit Products

Usage Reports – Submit/Edit quarterly usage reports

To submit any new products select on the product icon

If no new products to create and all you want to do is submit your quarterly usage reports select on the usage reports icon
Modules of the UR System (2 of 4)

Any issues with your usage reporting or product submission, we will reach out to you. Any open action items will be seen as a follow-up.

Follow-Ups

<table>
<thead>
<tr>
<th>SHOW</th>
<th>OVERDUE (0)</th>
<th>DUE TODAY (0)</th>
<th>UPCOMING (0)</th>
<th>CLOSED (0)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Type</td>
<td>Description</td>
<td>Priority</td>
<td>Status</td>
</tr>
</tbody>
</table>

No Follow-ups
### Modules of the UR System (3 of 4)

#### Icon to download report if you want to export the information into excel

#### Icon to change table setting of the table. What do you want to display in your view.

<table>
<thead>
<tr>
<th>#</th>
<th>Product Name</th>
<th>Brand</th>
<th>Certification Status</th>
<th>Certification Submitted By</th>
<th>Certification Submission Date</th>
<th>Certified By</th>
<th>Certification Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>139</td>
<td>DS TEST (02FEA0EB) ARM 1</td>
<td>Submitted</td>
<td>Emily James</td>
<td>2017-11-07</td>
<td>---</td>
<td>---</td>
<td></td>
</tr>
</tbody>
</table>
Modules of the UR System (4 of 4)

- The detailed Usage Report shows the current and past 4 quarters wafer quantity and current and updated Product Status, as well as the product certification status

<table>
<thead>
<tr>
<th>TESTING ENTITY</th>
<th>Product Name</th>
<th>Certification Status</th>
<th>Current Product Status</th>
<th>Updated Status</th>
<th>Q4 2015 Wafer Quantity</th>
<th>Q1 2016 Wafer Quantity</th>
<th>Q2 2016 Wafer Quantity</th>
<th>Q3 2016 Wafer Quantity</th>
<th>Current Quarter Wafer Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>TESTING ENTITY</td>
<td>PONV</td>
<td>Submitted</td>
<td>MPW</td>
<td>MPW</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>TESTING ENTITY</td>
<td>Test 123</td>
<td>Submitted</td>
<td>Full Mask</td>
<td>Full Mask</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>TESTING ENTITY</td>
<td>ARM Test</td>
<td>Certified</td>
<td>Full Mask</td>
<td>Full Mask</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>TESTING ENTITY</td>
<td>Ben2</td>
<td>In Review</td>
<td>In Design</td>
<td>In Design</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>0</td>
</tr>
<tr>
<td>TESTING ENTITY</td>
<td>ABCO-1</td>
<td>In Design</td>
<td></td>
<td>In Design</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>0</td>
</tr>
</tbody>
</table>
End of Section 1

You have completed the first section, on system overview

You are now able to

• Know where to go to access the new usage reporting system
• Know the different modules of the usage reporting system
• Know about Follow-up, table setting and downloading data
Section 2

Reporting Workflow
Section 2 objectives

By the end of this section you will be able to:

• Know the benefit of separating Certification and Usage Reporting
• Know the submission period
• Know the workflow when a new product is created
• Know the workflow when a product exists already
Product Certification and Usage Reporting

Key benefits:

• Can add product and submit for review and obtain certification anytime in the quarter. No longer have to wait until reporting window to add products for certification.

• Once product has been certified, licensee will no longer have to provide further validation and evidence

• Ease of submitting usage report when product has been certified.
  – ONLY need to submit proposed product phase and wafer quantity
Submission Periods

Product Certification

Anytime throughout the quarter. For new tape outs, preferably right after product tape out for more accurate data

Usage Reporting

<table>
<thead>
<tr>
<th>Month</th>
<th>Report Quarter</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 1-31</td>
<td>(Q4 report)</td>
</tr>
<tr>
<td>April 1-30</td>
<td>(Q1 report)</td>
</tr>
<tr>
<td>July 1-31</td>
<td>(Q2 report)</td>
</tr>
<tr>
<td>October 1-31</td>
<td>(Q3 report)</td>
</tr>
</tbody>
</table>
Submission Workflow (1 of 2)

For new products

- For existing products in design
Submission Workflow (2 of 2)

- For existing products taped out in MPW

- For existing products taped out in Full Mask
End of Section 2

You have completed the second section, on reporting workflow

You are now able to

• Know the benefit of separating Certification and Usage Reporting
• Know the submission period
• Know the workflow when a new product is created
• Know the workflow when a product exists already
Section 3

Product Certification
Section 3 objectives

By the end of this section you will be able to:

• Know how to create a new product
• Know how to create a revision of an existing product
• Know what documents are needed for a product to get certified
• Know what type of product needs to get certified
• Know what would happen when UR owner is reviewing the product submitted for certification
• Know what would happen if products that are supposed to get certified do not get certified in time
Creating New Product (1 of 5)

To submit any new products select on the product icon

Click on the + sign to add a new product
Creating New Product (2 of 5)

Basic Product Info

Entity – pre-populated as your company name, not editable

Product Name – product name, equals to project name in the old system

Revision of Product – pre-populated if you click “Revision” of an existing product, or you can choose from the dropdown of all your other existing products that you want to make revision of

Product Category – choose from the dropdown list of the application

Part # (Product) Status – dropdown list: In Design, MPW, In Production, End of Life, Cancelled (definition of each status on next slide)
# Product Status

<table>
<thead>
<tr>
<th>Product Status</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>In Design</td>
<td>Back end views of ARM IP have been downloaded and either evaluation work or chip design work have begun, but no tape out yet</td>
</tr>
<tr>
<td>MPW</td>
<td>MPW/Shuttle Run tape out</td>
</tr>
<tr>
<td>In Production</td>
<td>Multi-Layer-Mask or full mask tape out in either prototype or production</td>
</tr>
<tr>
<td>End of Life</td>
<td>Tape out products terminated or reached end of life</td>
</tr>
<tr>
<td>Cancelled</td>
<td>In Design products canceled, not reaching to tape out, or no longer exist (add note on why product cancelled)</td>
</tr>
</tbody>
</table>
Creating New Product (3 of 5)

*Foundry Details*

- Foundry – Type in the foundry that product is taped out at
- Foundry Part # – the fab ID for wafers
- Tape out Date – the date that the tape out happens

*Services*

- Design Service Provider – If the product used any design service provider, enter the name of the Design Service Provider
- Design Service Email Address – Email address of the Design Service Provider that you are working with
Creating New Product (4 of 5)

**ARM IP**

Smart Filter + Multiple Selection

Any of the 5 filters can be used to generate a multiple selection list

![Screenshot of ARM IP selection interface](image-url)
Creating New Product (5 of 5)

Files

Add Artiscan or ARM Ip Confirmation files here

Click on Certify Product

By saving and certifying the product, a summary page will be shown
End of Section 3

You have completed the third section, on product certification

You are now able to

- Know how to create a new product
- Know how to create a revision of an existing product
- Know what documents are needed for a product to get certified
- Know what type of product needs to get certified
- Know what would happen when UR owner is reviewing the product submitted for certification
- Know what would happen if products that are supposed to get certified do not get certified in time
Section 4

Quarterly Usage Reporting
Section 4 objectives

By the end of this section you will be able to:

- Know where and how to submit usage report
- Know what needs to be updated for quarterly usage report
- Know the meaning of “Nothing to Report” and when it can be used
Quarterly Usage Reporting (1 of 3)

To submit usage reports for the reporting quarter click on usage reports icon

Click on New Usage Report

<table>
<thead>
<tr>
<th>Usage Report #</th>
<th>Entity</th>
<th>Report Status</th>
<th>Reporting Quarter</th>
<th>Date Submitted</th>
<th>Reported By</th>
<th>Date Approved</th>
<th>Approved By</th>
<th>Date Rejected</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>DS TEST (02FEA0EB)</td>
<td>REJECTED</td>
<td>Q3 2017</td>
<td>2017-11-03</td>
<td>Emily James</td>
<td>---</td>
<td>---</td>
<td>2017-11-07</td>
</tr>
</tbody>
</table>
Quarterly Usage Reporting (2 of 3)

Input Wafer quantity and any changes to product status and submit quarterly reports

Input Nothing to Report if no wafer information or status changes

Q3 2017

<table>
<thead>
<tr>
<th>Brand</th>
<th>Product Name</th>
<th>Foundry Part #</th>
<th>Certification</th>
<th>Current Product Status</th>
<th>Updated Status</th>
<th>Current Quarter Wafer Quantity</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS TEST (02FEA0E8)</td>
<td>TestFAQ</td>
<td>P123456</td>
<td>Not Certified</td>
<td>MPW</td>
<td>MPW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DS TEST (02FEA0E8)</td>
<td>ARM 1</td>
<td>S5409</td>
<td>Not Certified</td>
<td>In Production</td>
<td>In Production</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Quarterly Usage Reporting (3 of 3)

- Submitted Usage Report is subject to question and need to be approved by UR Owners
Thank You!
Danke!
Merci!
谢谢!
ありがとう!
Gracias!
Kiitos!

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