ARM-Wide Web-based Reporting Tools

- Data Quality Assessment Report (**DQA**)
  - weekly DQ assessment

- Data Quality and Data Problem Report (**DQPR**)
  - Routine data flow and quality reports to OPS (VAP contacts - future)
  - Significant, ongoing or non-OPS related problems to PRB

- Data Quality Report (**DQR**)
  - End-user report delivered by ARM Archive with data

- Instrument Mentor Monthly Summary (**IMMS**) Report
  - Monthly report to IM Manager

- SGP Weather Observations Reporting System (**WxObs**)
  - SGP exclusively

Significant Features of the DQPR System

- Two types of DQPRs
  - Routine
  - Escalated to PRB attention

- Email distribution list viewable and additions possible per DQPR

- Multiple DQR and solution assignments per DQPR allowed

- One submission of form for multiple sites and/or instruments

- .pdf files and images can be attached

- A DQPR can be switched from one type to the other and back
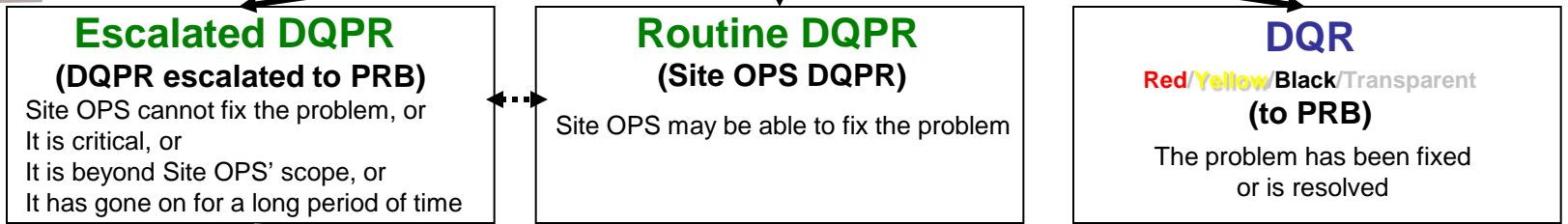
Significant Features of the DQPR System

- DQPRs can be linked to each other and to DQRs

- PRB DQPRs tracked and managed by PRB; on weekly agenda

- DQR links created when needed; assignee receives DQR number and completes

- Data Quality Office can create "draft" DQRs

- The legacy PIF/CAR/DQR system is being phased out. "PIF" submission no longer available.

- Corrective Action Reports (CARs) and attachment submissions available until all open PIFs closed

Reporting Problems with ARM Data or Data Quality...or...

"Which @#%! form do I fill out now?"

Upon data inspection, an occurrence of unacceptable data has been noted, or, a problem with ARM data flow occurs

Escalated DQPR
(DQPR escalated to PRB)

Site OPS cannot fix the problem, or
It is critical, or
It is beyond Site OPS' scope, or
It has gone on for a long period of time

Routine DQPR
(Site OPS DQPR)

Site OPS may be able to fix the problem

DQR
Red/Yellow/Black/Transparent
(to PRB)

The problem has been fixed or is resolved

Solution Assignment Task designated By PRB to a "fixer"

No — wait for Site OPS to fix or escalate to PRB attention

Fixed?

Yes — Assign a DQR *if necessary* – a DQR number will be generated and sent to the assignee to file the DQR. If no DQR is needed, simply close the DQPR with No DQR required

DQR must be approved by PRB – upon approval DQR is available to the Archive. The DQPR will close (if the DQR has an end date otherwise, DQPR remains in progress until end date is added)

Wait for "fixer" to fix
If desired by PRB, a task to write an open-ended DQR can be assigned

No

Fixed?

Yes — Solution should be recorded in DQPR history
Assign a DQR *if necessary* – a DQR number will be generated and sent to the assignee to file the DQR

Possible Open-Ended DQR to PRB

DQR must be approved by PRB - DQPR remains in progress until "fixed" and end date is added to DQR

Archive Data Browser

DQR delivered with data order

Customer