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## **DMCS Reporting Overview**

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# Agenda



- Meeting Objectives
- As-Is Reporting
  - Current Status
- To-Be Reporting
  - High-Level Requirements
  - Tool Criteria
  - Selection Criteria for Reports in New System
- Selected Reporting Strategy
- Next Steps
- Questions
- Appendix A: Current System Reports (not included)
- Appendix B: Regional Offices Requested Reports (not included)

# Meeting Objectives



- Review Current Reporting Situation
- Discuss To-Be Vision and Requirements
- Develop Strategy for Determining Future Reports
- Obtain Agreement and Sign-off on To-Be High-level Requirements

# As-Is Reporting Current Status



## Mainframe System Reports

- There are approximately 675 reports in use by the current DMCS system.
- The Regional Offices use 200 to 300 of these system reports.
- Reports are delivered to their intended audience by:
  - Remote printers
  - Mailed hard-copies/print-outs

## Temporary Reports

- Ad-hoc reports are generated by dedicated personnel at Headquarters, DCSIC/PIC, and the regional offices.
- Approximately 150 temporary reports are generated on a recurring basis.

# To-Be High-Level Requirements



- Ad-hoc report generation for designated personnel
- Reports viewable over the web
- Design reports over a web interface
- Statistical, trending, and pattern analysis
- Comparative analysis
- Graphs and charts
- Reports automatically generated via schedule/calendar
- Security for multiple levels (application, report, data)
- An organized system of monitoring and maintaining reports
- Reports generated from a source other than the production database so as to free production resources from report processing requirements
- Historical data available for querying (storing snapshots of the database)

# To-Be Tool Criteria



## **Compatibility**

- Oracle DB
- SOAP

## **Functionality**

- Import/Export
- Ad-hoc report generation
- Data and graph drill-downs
- Data manipulation on report (sorting, filtering, etc)
- Help wizards

## **Security**

- Users and groups
- Set query limits (table rows, time, etc)
- Administrator privileges

## **Report Design**

- Drag-and-drop
- Over the web
- Via blank slate or report templates
- Template creation
- Graphs and charts

## **Data Analysis**

- Trending
- Statistical
- Pattern
- Comparative
- Custom and predefined calculations

# Selection Criteria for Reports in New System



- Examine all current system reports (approximately 675 used today). Determine To-Be status for each report. Develop new reports as requested to address reporting gaps.

OR

- Determine critical reports of the 675 and examine this smaller subset. Work closely with sub-system owners/users to develop a new list of canned reports and base these new reports on today's user needs and experiences rather than an old list of predetermined reports.

# Selected Reporting Strategy



- As of 06/20/2002, the report review meeting selected option 2 as the strategy going forward to determine all systems reports
  - Determine critical reports of the 675 and examine this smaller subset. Work closely with sub-system owners/users to develop a new list of canned reports and base these new reports on today's user needs and experiences rather than an old list of predetermined reports.

# Next Steps



- Update documentation based on feedback
- Sign-off on To-Be High-Level Requirements and Strategy

# Questions

