

Memo

To
MDBA

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25 January 2016	2	
From	Direct line	E-mail
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Subject
Release notes - Update 2016-01-27

- 1) Threshold rules as specified in HowTo_ThresholdRules are applied to the *_calc data import from MDBC_OPS. This task has been added to workflow which imports the results from MDBC_OPS. The relevant configuration files are:
 - a) WorkflowFiles\
 - Process\ Prepare_Thresholds.xml (new)
 - Import\ Import_MDBC_OPS.xml
 - b) ModuleConfigFiles\
 - ProcessObserved\AssessThresholdsObserved.xml (new)
 - ProcessOperationsData\PreprocessThresholdsMDBC_OPS.xml (new)
 - ProcessOperationsData\AssessThresholdsMDBC_OPS_specials.xml (new)
 - ProcessOperationsData\AssessThresholdsMDBC_OPS.xml (new)
 - ProcessOperationsData\LevelToFlow_Calc.xml (new)
 - ProcessOperationsData\ LevelToStorage_Calc.xml (new)
 - c) RegionConfigFiles\
 - LocationSets.xml
 - ModuleInstanceDescriptors.xml
 - Parameters.xml
 - Qualifiers.xml
 - Thresholds.xml
 - ThresholdValueSets.xml
 - ThresholdWarningLevels.xml
 - TimeSteps.xml
 - WorkflowDescriptors.xml
- 2) Meta data defining the threshold rules values is managed in the master spreadsheet (xlsm), from which upon saving automatically the csv file is generated / updated.
 - a) RootConfigFile\
 - ROWS_CSV_idmap_master.xlsm
 - b) MapLayerFiles\
 - ROWS_ops_Thresholds.csv
- 3) Threshold Status Table has been added to the Explorer, to display for each reach the daily alert summary together with the year-to-date count.
 - a) SystemConfigFiles
 - DisplayGroups_Thresholds.xml (new)
 - Explorer.xml
 - TimeSerisDisplayConfig.xml
 - b) ReportImageFiles
 - Thresholds_Yarra-Euston.svg (new)

- Thresholds_Hume-Yarra.svg (new)
- Thresholds_US-Hume.svg (new)
- Thresholds_Euston-SAborder.svg (new)
- Thresholds_SAborder-MurrayMouth.svg (new)
- Thresholds_LowerDarling.svg (new)
- 4) Filter has been extended with the Thresholds timeSeries in:
 - a) RegionConfigFiles\
 - Filters.xml
 - Filters_OpsReach.xml
 - Filters_Telemetry.xml
- 5) Daily email alert on threshold crossings.
 Every time the OPO processing task is run, a check is performed via Secondary Validation. When both the relevant thresholds are exceeded and no previous email has been send that day, a trigger will be generated which will prompt the generation and sending of an email with the Daily threshold report.
 Please note this task will only trigger an email when one of the relevant thresholds has been crossed that day. At this point, only the threshold for OPO DO% is part of this daily reporting. The relevant configuration files are:
 - a) WorkflowFiles\
 - Process\Process_Observed.xml
 - DailyExport_ThresholdCrossingsReport.xml
 - b) ModuleConfigFiles\
 - ProcessObserved\AssessThresholdsObserved.xml
 - Report\EmailReport_ThresholdCrossings.xml (new)
 - Report\TriggerEmailReport_ThresholdCrossings.xml (new)
 - See also the installation guide on how to set up the email server
 - c) ReportTemplateFiles\
 - dailythresholdcrossings_table_template.html (new)
- 6) SO reporting.
 All threshold rules as described in item 1) can be reported upon in the Threshold report. This will list all threshold crossing that year up to today, and includes as well any forecaster notes that where created on the same day, if the Event Code "Thresholdcrossing.info" was used. The relevant configuration files are:
 - i) DisplayConfigFiles\
 - ForecasterNotesdisplay.xml
 - ii) ModuleConfigFiles\
 - Report\ReportThresholdCrossings.xml (new)
 - iii) ReportTemplateFiles\
 - thresholdcrossings_table_template.html (new)
 - thresholdcrossings_report_template.html (new)
 - iv) WorkflowFiles\
 - Export_ThresholdCrossingsReport.xml
- 7) Documentation
 The new features are documented in:
 - a) These release notes
 - b) User guide: HowTo_ThresholdCrossings.pdf
 - c) User guide: HowTo_ThresholdRules.pdf (a copy of the appendix of the RfQ)
 - d) Config guide: HowTo_Config_ThresholdRuleUpdate.pdf
 - e) Installation guide: InstructionsEmailAlerts.docx