



Enhancements & Fixes for Halcyon IBM i Product Suites and Network Server Suite

Covering releases: July to September 2012

(IBM i: 2012.198 to IBM i: 2012.251 inclusive)

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The Experts in Systems Management

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Company Information

Registered US Office

Halcyon Software, Inc.
16 North Franklin Street
Suite 200B
Doylestown, PA 18901
USA

Tel: +1-215-240-8838
Fax: +1-215-933-1428

Registered UK Office

Halcyon Software
5 The Forum
Minerva Business Park
Lynch Wood
Peterborough
PE2 6FT

Tel: +44 (0)1733 234995
Fax: +44 (0)1733 234994

Registered Australian Office

Halcyon Software (Australia) Pty Ltd
Level 3, IBM Tower
60 City Road
Southbank
Melbourne
VIC 3006

Tel: 613 9495 6600
Fax: 613 9495 6601

Web: www.halcyonsoftware.com
Sales: sales@halcyonsoftware.com
Support: technicalservices@halcyonsoftware.com

Foreword

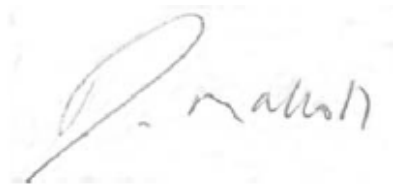
By Donnie MacColl, Technical Services Director

This update covers product enhancements and fixes between July and September 2012 for all Halcyon IBM i Software Suites and Network Server Suite.

These update notifications are intended to provide customers with the technical release information of all the latest product enhancements and fixes of our software so you can decide if you need to, or wish to, upgrade from your current version of Halcyon Software to a newer version.

Information contained in these documents is aimed at technical analysts, administrators and operations staff responsible for the maintenance of our software on their own systems or their client's IBM i (iSeries) systems.

These release notes will also assist with change and version control by providing the information and reasons as to why an upgrade is required.



Donnie MacColl

About Donnie MacColl



Prior to becoming Director of Technical Services at Halcyon Software Ltd, Donnie MacColl has worked for more than 20 years in the IT industry. He first specialized in the management of IBM i systems, (iSeries, AS400), in general manufacturing and logistics companies. Later on in his career Donnie was Network Manager for one of the largest telecommunications corporation in Europe.

He is regular speaker at international IBM events, including IBM Common in Europe and the USA, as well as the Interaction Conference in Australia.

Donnie specialises in advising companies on how to keep a tight control on the management of operations, critical processes, and core services across increasingly complex infrastructures and multi-platform environments.

He has worked with many industry sectors in his time at Halcyon Software to help improve cost efficiencies by implementing solutions in large European and US data centers in companies such as Computacenter, Parker Hannifin, Cap Gemini, Getronics, Logica, BGL Group (Budget Insurance), Arcadia and SunGard Public Sector.

Halcyon IBM i Product Suites

The following product suites are covered within this document:

Level 1 Message Management Suite



Our entry level suite for the IBM i. Closely monitor all your system messages, key applications and critical business processes.

Featuring:

- Message Monitoring
- FTP Monitoring
- TCP/IP Monitoring
- Output Queue Monitoring
- Device Monitoring
- Job Queue Monitoring
- SLA Reporting

Level 2 Systems Operations Suite



Monitor your IBM i system messages and automate the control of significant events.

All the features, of the Message Management Suite, plus:

- Object Monitoring
- Performance Monitoring
- Distribution Queue Monitoring
- User Profile Monitoring
- Inactivity Monitoring
- Audit Journal Monitoring
- Restricted Tasks Management

Level 3 Advanced Automation Suite



This level enables you to optimize performance, disk space and spool file management on your IBM i.

All the features of the Systems Operations Suite, plus:

- Performance Management
- Performance Snapshots GUI
- Disk Space Management
- Disk Space Explorer GUI
- Spooled File Management

Level 4 Operations Center Suite



Raise your operational control to the ultimate level. Contains all the functionality of the previous levels 1 to 3, plus the most advanced job scheduler available today.

Our flagship software suite contains all the features of the previous three suites, with the addition of:

- Advanced Job Scheduling



Halcyon Network Server Suite

Halcyon's Network Server Suite has been designed to provide a comprehensive monitoring solution to keep a close eye on all your critical servers, applications and devices across a multi-platform environment including Windows®, AIX® and Linux®.

How to use this document:

This publication is split into two chapters:

- Product Enhancements
- Product Fixes

Each of these chapters is then split in the following order:

- **Common Library**

These are enhancements and fixes that affect all products suites from Level 1 (Message Management Suite) through to Level 4 (Operations Center Suite).

- **Specialist Products** (listed alphabetically)

These are enhancements and fixes that affect individual products which are contained as modules in one or more of Halcyon's Product Suites.

For example, an enhancement to Audit Journal Manager is only applicable to Level 2 (Systems Operations Suite), Level 3 (Advanced Automation Suite) and Level 4 (Operations Center Suite).

- **Individual Change Reference**

Each enhancement and fix is prefixed with a CHGxxxx reference, where xxxx represents a combination of numbers and letters. Within both the Common Library and Specialist Product sections, each enhancement or fix is then listed in numerical and then alphanumeric Change Reference order.

Finding information in this PDF

From within Adobe® Acrobat® Reader®, use either the Search window (accessible from menu options; Edit | Search) or the Find toolbar (shown far right in the image below) to search document content.



Type the text that you wish to use for the basis of the search and press Enter.

We recommend using the CHG reference ID number (for example; CHG03RS), if known, within the Search or Find parameters as this text is unique within the document.

Need to confirm which Halcyon Products you have installed?

If you are unsure which Halcyon products you have installed on your system, type the following command onto the command line within your Halcyon environment:

DSPPRDINF

Alternatively, from within the Halcyon product menu, select option 70=Technical Information Menu followed by option 1=Display Product Information.

If you are still unsure, please contact: technicalservices@halcyonsoftware.com

Enhancements and Fixes



IBM i Product Suite Enhancements

The following enhancements have been made to Halcyon IBM i Product Suites between July and September 2012, covering releases IBM i: 2012.198 to IBM i: 2012.251.

Common Library – Action Templates

Reference: CHG04VN Action Template Remove Link (RMVLNK) added for use in Object Rules

A new Action Template, Remove Link (RMVLNK), has been added. The RMVLNK Action Template is valid for selection in Object *DIR and *IFS Rules.

Common Library – Alert Log

Reference: CHG04U7 Work with Alert Log allows subset by Message ID

Work with Alert Log now includes the ability to subset by Message ID within F17=Subset.

Common Library – Configuration – Admin Alert Criteria

Reference: CHG0446 First level message text added to Admin Alert Criteria

Work with Admin Alert Criteria (WRKADMALT) now shows the first level message text in the summary list of defined messages.

Reference: CHG04V2 Admin Alert Criteria can be created directly from the Message Log

Option 11=Set as Admin Alert has been added to the Halcyon Message Log so you can add the details of the message to the Halcyon Admin Alert Criteria (WRKADMALT).

Common Library – Configuration – Calendars

Reference: CHG04V2 Retrieve Calendar command added to allow checking against Calendars

New command Retrieve Calendar (RTVCAL) has been made available for use in programs to verify details against a Halcyon Calendar.

Common Library – Configuration – Remote Locations

Reference: CHG04RN Multiple Environments can now use the same Port

It is now possible to set multiple Halcyon Environments on the same System to use the same Port. When you attempt to set the Port parameter within Work with Remote Locations to a Port that is already used by another Environment you receive warning message HAL0877. You can then press Enter to confirm and allow the change.

Note: It is important that you only have the Network Monitors for one of the Environments active at the same time. If not, you could have one Environment sending data with the other Environment receiving or vice-versa.

Reference: CHG04TO Remote Location Auto-Configuration now amends an existing Remote Location IP Address

Previously, Remote Locations would be configured automatically and the Remote Location would remain unchanged. This could cause an issue in a network where devices had dynamic IP Address assignment. In this scenario, each time the same device was assigned a different IP Address a new Remote Location would be created, up to a maximum of 9 locations. From then on, any connection attempt by the device would be denied as no more Remote Location Names were available.

To help resolve this situation auto-configuration now has the ability to change the IP Address on existing Remote Locations.

Reference: CHG04W2 Unused Remote Locations are now automatically deleted

The ability to automatically delete unused Remote Locations has been made available. This is controlled by 2 new system defaults:

HAL/NETAUTODLT15 Specifies the number of days of inactivity before deleting an *I5 Remote Location

HAL/NETAUTODLTPC Specifies the number of days of inactivity before deleting a *PC Remote Location

If these system defaults are set, the Remote Location is deleted if it has not connected within the specified number of days.

Please Note:

This functionality is primarily aimed for use in networks that use dynamic IP Address assignment. This is so that Remote Locations that have not connected are removed as they likely relate to a device which now uses a different IP Address.

Common Library – Customizations

Reference: CHG04TE Infor XA Customization Templates now available

An Infor ERP Discrete iEnterprise (XA) customization template is now available.

Common Library – Installation/Upgrade

Reference: CHG04J1 *END option added for Control Monitors

HALINST/INSTALL now includes an additional value for the 'Control monitors' parameter:

*END This ends any active Monitors and performs the upgrade. Monitors are not restarted after the upgrade is complete.

Below is a complete list of possible values for the Control Monitors ;

*YES End active Monitors, perform the upgrade then restart all Monitors.

*NO Do not end active Monitors. If Monitors are active the upgrade fails.

*END End active Monitors and perform the upgrade. Do not restart any Monitors after the upgrade is complete, leave them ended.

Reference: CHG04U8 Number of entries allowed on Control Panel has been increased

The HALINST Control Panel (CTLPANEL), which allows you to control remote upgrades, now allows you to control up to 9,999 remote machines/environments.

Common Library – Work with Monitors**Reference: CHG04XF Work with Monitors now shows Held Monitor jobs in reverse image red**

The Work with Monitors (WRKMON) display now shows Monitors where the job has been directly held using HLDJOB, outside of Halcyon, in reverse image red to highlight they are not currently processing.

Common Library – Work with Rules – Job Queue Rules**Reference: CHG04U9 Alerts can now be generated only on change of Job Queue Status**

Job Queue Status (*STS) Rules now have the ability to only Alert when the Status of the Job Queue changes as well as for a specific Status. To only Alert when the status of a Job Queue changes specify *CHG for the 'Comparison' parameter.

Common Library – Work with Rules – Object Rules**Reference: CHG043X Library size can now be monitored**

Object *LIB Rules now have the ability to monitor the size of a Library. Within the Rule, the 'Type' parameter can now be set to:

- *OBJCOUNT The number of objects within the library of the specified type.
- *LIBSIZE The total size of all the objects within the library.

Reference: CHG04RR Field data values can now be returned in Alert for Object *RDCNT Rules

Object *RDCNT Rules now enable you to return data values from fields within a File within the second level Alert text. If, as part of the SQL SELECT statement, you specify specific fields, the second level Alert text includes the actual data returned, up to 512 characters in length.

This feature supports the following data types only:

- Character
- Packed decimal
- Zoned decimal
- Binary (2, 4 or 8)

Reference: CHG04TD Size of Number of Objects parameter on a *LIB Rule has been increased

Object; *LIB, *DTAQ and *DIR Rules now allow 'Number of objects' up to 6 digits (i.e. 999,999).

Reference: CHG04UV Ability to process Stream Files using Age in Days has been added

The ability to Alert for Stream Files based on Age in Days has been added to Object *IFS Rules, via a new 'Age exceeds' parameter.

Reference: CHG04WY Objects can now be omitted from an *IFS Rule

Object *IFS Rules now have the ability to exclude Paths as part of the criteria via use of new function F13=Exclusions.

Common Library – Work with Rules – Performance Rules

Reference: CHG04UJ Alerting can be turned off when Subsystem not active on *JOB Rules

Performance *JOB Rules now include a new 'Status' parameter under "Subsystem" to allow you to specify whether to Alert if the specified Subsystem is Active or not. The new parameter allows two values:

***ACTIVE** Only Alert when the specified Subsystem is Active. You can only specify *ACTIVE if a specific Subsystem is specified, not if Subsystem is set to a generic value or *ALL.

***ALL** Alerts regardless of the status of the specified Subsystem.

Advanced Job Scheduler

Reference: CHG03R5 Additional files are included in Journaling

Two additional files within Advanced Job Scheduler are now journaled when you use Halcyon Journaling. These are:

HJSEX Exclusivity Groups

HJSNE Named Environments

Audit Journal Manager

Reference: CHG04OF Audit Journal Entry Type (JS) allows specification of IP Address

Audit Journal Manager JS (Actions that affect jobs) Journal Entry Type now allows you to specify criteria for an IP Address.

Document Management System

Reference: CHG03XB Option 8=Where Used added to Work with Report Types display

Work with Report Types now has option 8=Where Used available. This displays any segments within Bundles that use the chosen Report Type.

Also, you are no longer allowed to delete a Report Type that has dependent Segments.

Reference: CHG04IB *PC Remote Location now lists DMS WebGUI in Applications Detected

If installed, DMS WebGUI's are now listed within the 'Applications Detected' parameter against *PC type Remote Locations.

Reference: CHG04SV Option 8=Where Used added to Work with Recipient Lists display

Work with Recipient Lists now has option 8=Where Used available. This lists any Bundles or Segments, within Bundles, that use the Recipient List.

Also, you are no longer allowed to delete a Recipient List if any dependent Bundles and/or Segments exist.

Reference: CHG04TT Ability to subset added to Work with Recipients display

Work with Recipients (WRKRCP) now has F17=Subset available. You can subset using RecipientID and/or Name including wildcard values.

Reference: CHG04V1 'Cache' facility added to Work with Bundles

In order to improve the performance of Work with Bundles (WRKBDL) a 'cache' has been introduced.

Message Communicator

Reference: CHG0402 GSM script updated to hang-up if incoming call detected

The Message Communicator script for sending SMS messages, TC35SND, now includes statements to hang up if an incoming call is detected.

Reference: CHG0466 Error warning message: HMC0117 has been added to Admin Alert Criteria

For new installations, Message HMC0117 (Message not sent to device xxxx type xxxx due to error xxx) has been added to Work with Admin Alert Criteria (WRKADMALT).

Reference: CHG04RM Sending emails is prevented if SMTP Servers are not started

Message Communicator now checks if the SMTP Server Jobs are active before sending emails. If the SMTP Server Jobs are not active, emails are now set to a Status of STMP-Wait and no attempt to send is made until the SMTP Server Jobs are active.

Also, message HMC0306 is now added to the Halcyon Message Log;

HMC0306 - Simple Mail Transfer Protocol is not active.

This means it is possible to use Admin Alert Criteria (WRKADMALT) to monitor for this message and send it to the Admin Message Queue (System Default HAL ADMINMSGQ or F17 within WRKADMALT).

Reference: CHG04X4 Size of 'Attachment Name' parameter on SNDEMLMSG command has been increased

Send Email Message (SNDEMLMSG) has had the value allowed for parameter 'Attachment Name' extended to 256 characters. This parameter allows you change the name of the attachment when it is added to the email in order to make it more meaningful.

Message Manager

Reference: CHG04RA Various enhancements to Send Test Message (SNDTSTMSG) Verify Rules (F15)

Send Test Message (SNDTSTMSG) Verify Rules (F15) has been enhanced as follows:

1. The list of Rules applying to the message details entered is now sorted in the same order that the Message Monitor processes them, showing the highest "weighted" Rule at the top towards the lowest "weighted" at the bottom. Weighting is scored according to how many and what criteria are specified on the Rule - the more criteria the heavier the weighting.
2. Rules with criteria NOT matching the message are now colored Red.
3. Rules which have Omit Criteria which means NOT matching the message are now colored White.
4. Rules with criteria matching the message are now colored Green.
5. The "Sts" column now shows 'H' in Red for Held Rules and 'R' in Green for Released Rules.

This means that the first Rule listed with all details shown in Green will be the one picked up and processed by Message Monitor as any Red or White coloring indicates that the Rule will not be selected.

Reference: CHG04SK Alerts can now be raised specifically for IBM Work with Problem messages

Message Monitor now includes the ability to create a Rule to specifically process messages from a message queue, usually QSYSOPR, which have a relating IBM Problem (WRKPRB). You are then able to alert using details from the IBM Problem rather than the message that triggered the Rule.

On Message Manager Rules there is now a 'Problem analysis' flag on the first page, just below the 'Message severity' parameter. This new flag can be set as follows:

- Y Only process messages with a corresponding IBM Problem that matches the other criteria on the Rule.
- N As previous functionality, pick up any message matching the other criteria on the Rule.

Three new Substitution Variables have been made available for IBM Problem related messages:

- &PRBID The 10 character IBM Problem Reference. This is the reference you would use on a DSPPRB /WRKPRB command, as an example.
- &PRBREF The 31 character internal IBM Problem Reference. This is NOT the 10 character reference used by the DSPPRB/WRKPRB command.
- &PRBTXT A compilation of details from the IBM Problem. This can be used instead of &ALERT for the Alert text to give the IBM Problem detail rather than details from the message that triggered the Rule.

Actions which support the use of &ALERT also now support the use of &PRBTXT instead. If &PRBTXT is specified the Alert text is compiled from the information on the IBM Problem rather than the message that triggered the Rule. If no corresponding IBM Problem exists then &PRBTXT is treated as &ALERT.

Spoiled File Manager

Reference: CHG042U Tables can now be printed

You are now able to print Tables via new command PRTTBL and F22=Print within Work with Tables (7/HEMHSNCFG).

Reference: CHG04K0 Copy Report Type now allows mixed case text for 'Description' parameter

Option 3=Copy when taken from the Work with Report Types (WRKRPTTYP) display, now allows mixed case text input for the Description for the copied Report Type.

Reference: CHG04UO ARCHIVE Action is reset if it is unable to lock Archive file within 15 seconds

An ARCHIVE Action briefly locks the Archive File in order to add a new member for the new spooled file to be archived. The lock is then released and the spooled file is archived to the new member.

If you attempt to run multiple ARCHIVE Actions to the same Archive File simultaneously it means the Action Monitors can be "busy" doing nothing more than waiting for the lock to be released by one of the other Action Monitors.

To improve performance, and not have Action Monitors waiting, the Action Monitors now attempt to lock the Archive File for a maximum of 15 seconds. After this time the ARCHIVE Action is reset, so it is processed later, and the Action Monitor moves on to another Action that needs attention.

The next available Action Monitor then picks up this ARCHIVE Action and attempts to perform the Archive operation following the same logic.

Reference: CHG04W5 'Time' parameter added to Run Bundle to apply to zero Age Tolerance Segments

Run Bundle now includes a parameter for 'Time' as well as 'Date'. The 'Time' parameter only applies to Segments with an Age Tolerance of zero. If you use Run Bundle, specifying a time a Segment with an Age Tolerance of zero selects the archived spooled file with the most recent creation time up to the value specified. This allows you to use Run Bundle against the same Bundle multiple times during the day as new versions of the same Report are produced and archived.

Network Server Suite Enhancements



No enhancements have been made to Halcyon Network Server Suite between June and September 2012.

Product Suite Fixes

The following fixes have been made to Halcyon IBM i Product Suites between July 2012 and September 2012, covering releases IBM i: 2012.198 to IBM i: 2012.251

IBM i Product Fixes



Common Library – Actions

Reference: CHG04TK COMMAND Action for SBMJOB no longer includes Product library in Library List

A batch job submitted from a Halcyon COMMAND Action previously included the Halcyon Common Library in the library list. This then prevented upgrade of the Halcyon software until all those jobs had ended as they held a lock on the library.

This has now been fixed and submitted jobs no longer include the Halcyon library in the library list.

This change only takes effect on new installs, NOT upgrades. This is because an upgrade migrates the existing settings. Therefore, on existing Environments you must manually remove the HAL Product Library from the Job Descriptions within the HAL Library.

Common Library – Action Monitors

Reference: CHG04TP Primary Action Monitor job log is no longer fully populated with HALGUP messages

The Primary Action Monitor job log would fill up with messages about file HALGUP. This has been fixed.

Common Library – Import Environment

Reference: CHG04SL Import Environment (IMPENV) *NONSYS no longer sets Job Queue to Source Environment

IMPENV *NONSYS and *ALL was setting the Job Queue for the Monitors on the target Environment to the value from the Source Environment. This has been fixed.

Reference: CHG04VB *LAST Message Queue now starts from the correct point after Import Environment used

IMPENV was incorrectly setting the last message processed for message queues defined with 'Monitor startup option' of *LAST to the value from the source Environment. This has been fixed.

Reference: CHG04VY *CONFIG Import Environment no longer imports archived spooled file data

Import Environment (IMPENV) was incorrectly importing data relating to archived spooled files as part of a *CONFIG import. This has been fixed.

Common Library – Installation

Reference: CHG04UY **LODRUN now lists additional language options**

When using an optical disc on the IBM i to install/upgrade Halcyon you are required to use a LODRUN command. However, the install/upgrade would not offer all the language options available. This has been fixed.

Common Library – Substitution Variables

Reference: CHG04SC **Substitution Variables no longer fail if continuous variables are used**

Replacement of Substitution Variables with the actual values would fail if there was no break between the Variable names as they were joined by either underscore (_) or period (.). This has been fixed.

Note: The recently added use of underscore (_) and period (.) in Substitution Variable names can cause unexpected results. In order to be guaranteed the outcome expected place a semi-colon (;) at the end of the Substitution Variable name.

Common Library – Work with Alert Log

Reference: CHG04RG **First Level Message text from Message Manager alerts no longer causes issues in CCSID 65535**

Work with Alert Log (WRKALTLOG) would fail if the first level message text from a Message Manager Alert included non-displayable characters and the IBM System Value QCCSID was 65535 (No conversion).

This has been fixed. Now non-displayable characters are shown as question marks.

Common Library – Work with Monitors

Reference: CHG045E **Distribution Queue Monitor efficiency improved**

The efficiency of the Distribution Queue Monitor has been improved.

Reference: CHG04SQ **Output Queue Monitor no longer produces 'Maximum Open Spooled Files Exceeded' program dump**

The Output Queue Monitor was producing a program dump with an error of 'Maximum number of opened spooled files exceeded'. This has been fixed.

Reference: CHG04TM **Primary TCP/IP Monitor job no longer populated with messages about Auxiliary Monitors**

The Primary TCP/IP Monitor job log would fill up with messages about the TCPIP Auxiliary Monitors. This has been fixed.

Reference: CHG04TR **Distribution Queue Monitor job log is no longer populated with 'copied' messages**

The Distribution Queue Monitor job log is no longer populated with 'copied' messages.

Reference: CHG04W9 Japanese translation now correct for message HEM0079

The Japanese translation issue with message HEM0079 has now been fixed.

Reference: CHG04WL Inactivity Monitor no longer fails with Space Offset Error

In certain situations the Inactivity Monitor would fail with a Space Offset Error. This has been fixed.

Common Library – Work with Rules

Reference: CHG04R8 Object Rule Alerts are generated if Object or Library includes ‘£’ in the name

Object Rule Alerts are now generated if the name of the object or library includes the ‘£’ (British Pound) symbol for Code Page 285.

Advanced Job Scheduler

Reference: CHG04RK FTP Jobs no longer fail with Decimal Data Error

An FTP Job could fail with a Decimal Data Error if an error occurred. This has been fixed.

Audit Journal

Reference: CHG0401 PRTAUDJRNE – Now outputs to specified Stream File

Print Audit Journal Entries (PRTAUDJRNE) – Output to a Stream File would only work if you used the default value of *AUTO. This has been fixed.

Reference: CHG04TQ Audit Journal Monitor job log no longer populates with unnecessary messages

The Audit Journal Monitor job log no longer populates with unnecessary messages.

Reference: CHG04VF Japanese translation fixed in messages HAM3006 and HAM3010

The Japanese translation problem for messages HAM3006 and HAM3010 has now been fixed.

Document Management System

Reference: CHG04QB Display Archived Spooled File now displays "No match" message if not found

Display Archived Spooled File now shows a message to indicate no match was found if relevant when you search using an Index.

Reference: CHG04QK Build Index now updates using ‘Last used date’

Build Index was not updating the ‘Date Last Used’ against an Archived Spooled File meaning that the Indexes were purged by the automatic purge rather than being retained. This has been fixed.

Reference: CHG04SE Run Bundle correctly applies Age Tolerance on Segments for *ALL Report Types

Work with Bundles was allowing a Bundle to be run that did not have an archived spooled file within the correct age tolerance specified on the Segments if the Report Type have a Spooled File Name of *ALL. This has been fixed.

Reference: CHG04SH Build Indexes now work for Report Types with Spooled File Name parameter defined as *ALL

Build Indexes, from within Work with Report Types, now works as intended for Report Types with *ALL specified for the Spooled File Name parameter.

Reference: CHG04SG Indexes no longer built on spooled files dated before Effective Date on first Version

Build Indexes, from within Work with Report Types, would incorrectly build Indexes over archived spooled files that pre-dated the first Version of Indexes on the Report Type. These archived spooled files should not have any Indexes built and this has now been fixed.

Reference: CHG04SN Index search no longer fails if Index value on different line to Control Text

Searching within an archived spooled file would fail if the Index was defined with the Index value on a different line to the Control Text. This has been fixed.

Reference: CHG04SP Wildcard Index search now functions correctly

Using a wildcard value within an Index search of an archived spooled file now returns valid matches.

Reference: CHG04SZ Index search now supports text that includes quotes

Attempting an Index search for an Archived Spooled File either via the Display Archived Spooled File or Work with Spooled File Indexes displays did not allow the use of a quote as part of the Index value. This has been fixed.

Reference: CHG04T0 F7=Previous and F8=Next now work after an Index search request

Having used the Index search facility from within Display Archived Spooled File, the F7=Previous and F8=Next functions now return the matches correctly.

Reference: CHG04T1 Emailing AFPDS as HTML/TXT now returns the correct error message after one attempt

Attempting to email an AFPDS spooled file as HTML or TXT, which is invalid, would retry to send even though not valid and then return an incorrect error message. This has been fixed.

Reference: CHG04TJ F17=Subset now disabled in Work with Report Types Viewer Design Mode

Work with Report Types Viewer no longer allows you to use F17=Subset when listing available archived spooled files for use with the Viewer.

Reference: CHG04UB Cancellling the creation of a new Report Type no longer retains Print Overlays

If you used F12=Cancel when creating a new Report Type the Print Overlays added within F16 would be remembered and added to the next Report Type you created. This has been fixed.

Reference: CHG04UM Simultaneous runs for multiple bundles no longer causes record lock

Run Bundle would fail with a record lock if several runs were active at the same time for different Bundles. This has been fixed.

Reference: CHG04VU Run Bundle on COMMAND Action no longer adds CPF9801 to Message Log if no Segment data exists

Using Run Bundle as part of a COMMAND Action would incorrectly add message CPF9801 to the Halcyon Message Log if any Segments within the specified Bundle did not contain data resulting in the Bundle not being produced. This has been fixed.

Message Communicator

Reference: CHG04IA Failed SNDTXTMSG now adds cause of failure to the Message Log

Send Text Message, run either as a SNDTXT Action or within a COMMAND Action, was only adding a failed error message to the Halcyon Message Log and not a message with the cause of the failure. This has been fixed.

Reference: CHG04S7 TC35SND script modified to allow sending of UCS2 SMS multipart messages

A UCS2 SMS message which needed to be sent in multiple parts would send the first part then fail. This has been fixed.

This change provides a new copy of the Halcyon supplied Script TC35SND. The existing version of this script within the HMCPROD/QSCRIPTS file will be renamed to include an underscore suffix (i.e. TC35SND_) and the new version installed.

If you have modified the script you must manually re-apply your changes to the newly installed version.

Reference: CHG04S8 UCS2 SMS now allows more than 70 characters

A UCS2 SMS longer than 70chars would not be sent but was marked as Complete. This has been fixed.

Reference: CHG04UZ Multipart UCS2 SMS no longer truncates on each SMS sent

A message sent via UCS2 SMS which needs to be sent as multiple SMS messages no longer truncates each message that is sent.

Reference: CHG04XD SNDTXTMSG now defaults to *HALCYON for 'Bookmark' parameter

Send Text Message (SNDTXTMSG) has had the default value for "Bookmark" changed to Halcyon.

Message Manager

Reference: CHG03YE Adding a Rule from directly from a QHST Message Review no longer fails

It is now possible to add a Rule directly from within Work with Messages Review for QHST.

Reference: CHG04QP IBM PTF Required to resolve Message Monitor failing with 'Lock enforcement' problem.

The Message Monitor can fail with a "Lock enforcement" error. This is due to an IBM issue which requires an IBM PTF to be applied:

V5R4 - SI46690

V6R1 - SI40330

Warnings are written to the Halcyon Message Log upon monitor start-up if the PTF has not been applied.

Reference: CHG04S0 Message Monitor no longer loops if QHST Monitoring is held

In certain situations the Message Monitor could loop if QHST Monitoring was held when the Monitor initially started. This has been fixed.

Reference: CHG04S1 Message Monitor no longer fails in monitoring QHST with CCSID 65535

In certain situations the Message Monitor was failing as part of monitoring QHST if the System was set to CCSID 65535. This has been fixed.

Reference: CHG04TX Message Monitor truncates message if a Variable has data greater than 2,048 characters

The Message Monitor would fail if it processed a message with a Variable that contained data longer than 2,048chars, for example, message CPF3837. In this scenario the data for the variable that is longer than 2,048 characters is truncated to 2,048 characters.

Reference: CHG04V6 Message error when message not found now displays correctly in Message Log

The Halcyon Message Log now correctly displays the error for any message which refers to a message that cannot be found in the message file defined in the rule.

Reference: CHG04V9 Messages containing Nulls ('hex:00') now accepted by Enterprise Console

Messages containing NULLs are now accepted when sent to the Enterprise Console.

Reference: CHG04VA Held WatchID 'Not Received' Rules no longer alert when released

A held Message Manager 'Not received' Rule, using a WatchID would incorrectly Alert when it was released as the Watch was not closed. This has been fixed.

Performance Analyzer

Reference: CHG04W7 PRTPERFORM command only intended for interactive use

The PRTPERFORM (Performance Data Parameters) command is only intended for use interactively.

To run Performance Reports please use the relevant command:

- PRTPFMASP Print ASP Performance Data
- PRTPFMDSK Print Disk Performance Data
- PRTPFMPOOL Print Pool Performance Data
- PRTPFMSYS Print System Performance Data

Restricted Tasks Manager

Reference: CHG04U6 Batch mode STRSYS no longer fails when setting Break Message handling

Batch Mode STRSYS no longer fails when attempting to set the Break Message Handling.

Spooled File Manager

Reference: CHG03ZZ Correct character spacing applied when spooled file written to *TXT

Spooled files written to *TXT no longer include an additional character spacing.

Reference: CHG04UA Cancelling the creation of a Report Type no longer remembers Retention Overrides

If you used F12=Cancel when creating a new Report Type, the Retention Overrides added within F15 would be remembered and added to the next Report Type you created. This has been fixed.

Reference: CHG04UW F3=Exit now exits correctly when selecting multiple spooled files

Selecting multiple spooled files from within the Halcyon Work with Spooled Files display for use with an option (such as 5=Display) and then trying to exit, would the cause the program to go to the next spooled file instead. This has been fixed.

Reference: CHG04WE Copy Spooled File Action option now works if a banner is added

A Copy Spooled File (CPYSPLF) Action no longer fails if the action is used to add a Banner.

Network Server Suite Fixes



No fixes have been made to Halcyon Network Server Suite between June and September 2012.

***** REPORT ENDS *****