**Network Manager
Fix Release Notes**

4.7.0.x Fix 57

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1. Introduction

This document defines the changes made to the Network Manager product for 4.7.0.x Fix 57 and is specifically targeted at end users.

After reading through this document, should you have any further training or consultancy requirements then please contact your Bentley account manager.

2. Fix Details

Fix Details Baseline Release	4.7.0.x
Fix Description	Network Manager 4.7.0.x Fix 57 Patchset
Prerequisites	Network Manager Fixes 20 and 45 should be applied prior to this fix

Implementation Instructions	The staging folder is the location of the folder that **exnm04070004en_updt57.zip** was extracted to (the folder containing this readme).
	
	 Go to the relevant exor\bin directory on the Oracle Weblogic Server and rename the following files:-
	
	     hig2520.fmx to hig2520_old.fmx
	     hig2540.fmx to hig2540_old.fmx
	     nm0110.fmx to nm0110_old.fmx
	
	 Then copy in the new versions of the files from the staging folder.
	
	 Log onto SQL*Plus as the Highways Owner with the staging folder as the working directory.
	
	     At the prompt type START nm_4700_fix57.sql and press return.
	
	 Exit SQL*Plus

Limitations	
Configuration Information	None
How To Test	Recommend full regression test
Rollback Strategy	Initially implement on a test environment

3. List of Amended Files

Filename	*Version*
Get_lb_RPt_r_tab.fnc	1.2
v_obj_on_route.vw	1.4
nm3rsc.pkw	2.19
nm3undo.pkw	2.34
v_nm_ordered_members.vw	1.7
hig_processes_v.vw	3.6
hig_processes_all_v.vw	3.3
hig2520.fmx	5.2
hig2540.fmx	5.1
nm0110.fmx	5.5
nm_4700_fix57.sql	1.6

4. Log No. Summary

This chapter summarises all software issues that have been addressed by this fix.

For issues raised by customers, Bentley Technical Support Group (TSG) Ticket Numbers are cross referenced where applicable.

Details	Internal Reference	TSG Ticket Number
Refresh of route materialized views is failing with exception ORA-22813: operand value exceeds system limits	Defect 761530	
Rescale is unusably slow on large Route Group	Defect 716559	
Process Monitor form (hig2520) experiences unusable response times for large volumes of data	Defect 762160	
Unable to unclose a datum after closing it manually, if a route was closed before (datums off).	Defect 673563	