

**Fix Release Notes**

Fix 47

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# Introduction

This document defines the changes made to the Location Bridge component of the product. It is bundled as Fix 47 for 4.7.0.0.

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

Please ensure that all listeners, map servers, scheduler processes and dbms\_jobs are disconnected prior to the installation of this fix.

# Fix Details

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| --- | --- |
| Fix Details Baseline Release |  |
| Fix Description | This fix provides changed and improved functionality in the Location Bridge component of Network Manager. |
| Prerequisites | NM3 and Location Bridge version 4.1. |
| Implementation Instructions | Ensure that the system is not in use before upgrading with this fix release.  The staging folder is the location of the folder that .zip was extracted to (the folder containing this readme).  Log onto SQL\*PLUS as the Highways Owner with the staging folder as the working directory.  At the prompt type START and press return.  Exit SQL\*Plus |
| Limitations | None known |
| Configuration Information | None |
| How To Test | Tests to be performed from client ARS modules |
| Rollback Strategy | Initially implement on a test environment |

# List of New and Amended Files

|  |  |
| --- | --- |
| Filename | Version |
| exnm0407001en\_updt47.sql | 1.1 |
| log\_nm\_4700\_fix47.sql | 1.0 |
| lb\_ref.pkh | 1.8 |
| lb\_ref.pkb | 1.8 |
| lb\_get.pkh | 1.10 |
| lb\_get.pkb | 1.14 |
| lb\_reg.pkh | 1.3 |
| lb\_reg.pkb | 1.12 |
| lb\_load.pkh | 1.7 |
| lb\_load.pkb | 1.17 |
| v\_network\_types.sql | 1.2 |
| v\_lb\_directed\_path\_links.vw | 1.0 |
| V\_LB\_PATH\_BETWEEN\_POINTS.vw | 1.3 |
| v\_lb\_path\_links.vw | 1.0 |
| v\_lb\_type\_nw\_flags.vw | 1.0 |
| v\_network\_elements.vw | 1.0 |
| v\_nm\_inv\_on\_network.vw | 1.0 |
|  |  |

# Log No. Summary

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

For issues raised by users, Bentley Technical Support Group (TSG) Service Request Numbers are cross referenced where applicable.

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| --- | --- | --- |
| Details | Internal Reference | TSG Service Request |
| Change v\_network\_types to include networks without locatable asset types | Enhancement 525376  Task 525896 |  |
| Location based predicates | Enhancement 316415 |  |
| Failure in route-based aggregation | Defect 433726 |  |
| Location Bridge query relative to route fails to operate with NULL measures | Defect 563403 |  |
| Problems in computation of aggregated geometry | Task 188739 |  |
| Problems with NULL aggregated geometry | Task 527600 |  |
| Add validation of measures on the load-by linear range function | Defect 524768 |  |
| Location Bridge generates incorrect results in the set operation MINUS (LB\_OPS.RPT\_MINUS) | Defect 563409 |  |
| Get whether an on-network asset type is Point or Continuous | Enhancement 316426 |  |
| Corrections and various improvements in the registration/de-registration of asset-types. | Defect 563412 |  |
| Enhancement to provide list of possible XSPs over a network location | Enhancement 523312 |  |
| Enhancement to provide a flag to indicate if an asset-type is point or continuous in respect of its location. The enhancement includes a view which can provide further flags relating to the asset-type and the network. | Enhancement 524308 |  |