DRD Migration of 4 databases into 1.

The DRD run 4 databases to cover their 4 operational areas.

EAST

WEST

NORTH

SOUTH

This document describes the process that has been used to move all data into 1 database.

EAST has been used as the target system and the other systems will insert their data into the east system.

In order to preserve numeric key columns the following values have been added to values in various tables.

For the following tables

WEST 1000000

NORTH 2000000

SOUTH 3000000

Hig\_users – hus\_user\_id

Docs – doc\_id

Hig\_address – had\_id

Hig\_contacts – hct\_id

For the following tables

WEST 20000000

NORTH 30000000

SOUTH 40000000

Nm\_inv\_items\_all – iit\_ne\_id

Nm\_Points – np\_id

Nm\_nodes – no\_node\_id

Nm\_elements – ne\_id

Activities\_report - are\_report\_id, are\_batch\_id

Act\_report\_lines – arl\_are\_report\_id

Contracts – con\_id

Contract\_payments – cnp\_id

Defects – def\_defect\_id

Nm\_audit\_actions – na\_audit\_id

Nm\_element\_history – neh\_id

Notices – not\_id

Schedules – shed\_id

Works\_orders – wor\_work\_order\_id has the area initial appended to the end

Work\_order\_lines – wol\_id

Boq\_items - boq\_id

Claim\_payments -cp\_woc\_claim\_ref

Claim\_payments\_audit – cpa\_id

Doc\_actions – dac\_id

Doc\_action\_history – dah\_dac\_id

Files

Cre\_db\_links.sql – This script creates the database links required to enable the migration to work. It needs to be run on the destination database (east) and will need to be edited to ensure that it has the correct usernames, password and connection details for the other databases (WEST,NORTH,SOUTH).

Edit it and run via sqlplus as the highways owner in the east database.

Drd4into1.pkh and drd4into1.pkb – these are the packages that contain the code to complete the mirgration.

Run via sqlplus as the highways owner in the EAST database.

Run\_all.sql – this script execute all the procedures to complete the migration.

Run via sqlplus as the highways owner in the EAST database.