

296870 v0.1

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1 296870



DHL C-TMS

Modify Child Location to use parent latlong

FUNCTIONAL SPECIFICATION - 10.7

23/02/12 - 0.1

Reference: FS 296870 AK-8RPHMB





2 FUNCTIONAL OVERVIEW

2.1 Client Requirement

DISC Interface - Modify Child Location Creation to use Parent Lat/Longs

2.2 Solution

During the creation of a Child Location the Parent Location's Lat/Long data will be used to set the Child's Lat/long data.

A new tick box will be added to the Location's Special Tab: 'Fixed Lat/Longs' this will be set to Y when creating Child locations. This will protect the Child's Lat/Long from being updated should for example the Child address postcode be altered. When un-checked the Lat / Long could then be modified manually or automatically by changing town/postcode information using existing NAVTEQ calls.

This change ensures that the distance calculated to deliver to Child locations is derived the same as per parent and hence rated consistently. This also solves issues regarding missing and invalid Child location postcodes.

Furthermore, the provided Child address information received will be passed to Microlise for execution. It is envisaged that no geo-fence breaks will be provided in SystemEvent messages from Microlise and that debrief times will be sent in PODPOC/JourneySummary message only.

