290934 v3.1

Aptean Ltd

Contents

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aptean

DHL C-TMS

Parcel Carrier Management

FUNCTIONAL SPECIFICATION - 10.7

28/11/11 - 3.1
Reference: FS 290934 NW-8KEMRU

2 FUNCTIONAL OVERVIEW

2.1 Client Requirement

It is assumed that this RIO will be managed in conjunction with the Project Rigel System Requirements Document v1.0 or higher.

Parcel carrier integration including the creation of a standard EDI output to DHL Link of an electronic Carrier Manifest, a hard copy (.pdf or .csv) manifest and labels based on carrier specifications. This also includes the ability to manage carrier tracking numbers and import gazetteer.

2.2 Solution

The ?TripOrder? XML format will be used for the production of the electronic parcel carrier manifests.

A hard copy will be available in PDF format in the specific format for the carrier.

A new trip error message will be generated, and displayed in a new tab page in the ?Interface Errors? screen, should the electronic parcel carrier manifest fail to be transferred to DHL Link so that the users are aware that the manifest has not been sent to the carrier. Therefore, there will also be the ability to re-send the file for the manifest via a button in a new tab page called ?Carrier Manifest? of the ?Interface Errors? screen.

The existing ?Default Printer Maintenance? screen will be used to store the default printer required for each user.

The default printer for the user will then be used automatically when the user requests the automatic printing of the labels via the ?Pack Confirmation? EDI message. If the ?Pack Confirmation? message contains a printer then its value will be used in preference to the default value stored against the user.

For manually requested re-printed labels, and during manual ?Pack Confirmation?, the user will be able to specify a printer but will be given the option to accept the user?s default printer setup for the process.

Once planning and packing has been completed and the DU?s labelled (e.g. PARCELS or PALLETS), an end of day manifest will need to be sent to each Parcel Carrier. This will send an electronic copy of the manifest. The trigger point to generate the electronic copy of the carrier manifest should be the changing of the status of the Trip to EN-ROUTE. This should also generate the Despatch Confirmation message from C-TMS to Unison or another WMS.

There is a requirement to be able to delay the transmission of this Despatch Confirmation message to Unison or another WMS for certain transport orders: a new screen will be developed to enable the user to hold the transmission for any transport order on the trip stop.

A new screen called ?Trip Message Holds? will be developed for the trip screens to view all orders scheduled on it. There will be a check box against each order that can be manually checked by a user: this will hold the ?Despatch Confirmation? message once it is generated. Another button will be available to release the holds.

N.B. There are a number of different label formats required for each carrier of the trip:

- Parcelforce (Logos & Barcodes):
    - Standard Domestic Label
- Domestic Label - Saturday Delivery
- Yodel (Logos & Barcodes)
- DHL Express TD (Logos & Barcodes)
- DHL Own Fleet (Logos & Barcodes)
- Polarspeed (Logos & Barcodes)
- Movianto (Barcodes)

Each label will be produced from a text file, which includes the appropriate printer commands, which will be printed directly to a remote printer as requested by the packer upon processing of the packing confirmation message. All labels will be printed to ZPL2 standard.

A new import message will be created for the upload of the parcel carrier gazetteer information into C-TMS. (See RIO NW-8KENDW for further details.)

A new maintenance screen for the parcel carrier gazetteer/route codes information will be developed.

The following new functionality will be required in C-TMS to allow integration with these Parcel Carriers:

- Routing Tables
- Routing Codes
- Tracking References***

The Range is provided by the Parcel Carrier and held in C-TMS. A system alert or warning message is required to highlight when a new range is required i.e. only 200 numbers left.

Parcel Carrier tracking ranges can be defined in three ways:

- A tracking range covering a shipment
- A tracking range covering shipment and a separate tracking range covering DU
- A tracking range covering DU only

In the instance where the tracking range is applied at DU level the associated interface should include a shipment reference as well. See system requirement documents Appendix 13.2.

The following information is specific to Yodel and is also required to be held and managed within C-TMS:

- Meter Number - Covers all clients in DHL Healthcare - one number
- Account Number - Site Specific (Assigned to specific Despatching Location/Depot and/or C-TMS Customers and multiple combinations thereof)
- Contract Number - Site Specific (Despatching Location/Depot)
- Schedule Number - Client code within account (C-TMS Customer/Warehouse Owner Code)

This information is to be held against the carrier.

This information is used by YODEL to identify particular clients and contracts within DHL and is required to be passed to them with the daily manifest files.

A new tab page will be developed for the carrier to maintain these numbers for combination of location (i.e. despatching depot) and customer.

A Service Table will be required in C-TMS which will drive the labels and manifests; this is one table of seven that is part of the ?gazetteer? or Routing Table. Routing Tables are generally updated every three to six months and this should be handled either via a CSV import into C-TMS.

Each carrier will handle this differently as shown:

- Yodel - Multiple Files
- DHL Express TD - Single File
- Polarspeed - Single File
- Movianto - Single File
- Parcelforce - Single File

Service Types are used by Parcel Carriers to manage their delivery capability and SLAs.

If the Service Type is blank an assumption should be made in DHL Link and the field populated with S24. This should then be mapped to the Parcel Carrier Service Type once scheduled.

2.3 Scope

This change will be applied to system version 10.7.0.

3 SET-UP

3.1 Pre-Requisites

Table changes have been applied.

3.2 Data

The new reports will be added to the standing data to allow it to be selected from the standard reports form.

3.3 Implementation Advice

Database table changes must be applied before the new programs are compiled and installed.

Access to the new tab pages will be controlled for specific user groups.

4 FUNCTIONAL DESCRIPTION

4.1 Trip Message Holds

A new form called ?Trip Message Holds? (?TRIP_MSG_HOLDS.fmb?) will be created and made available via a right-click option in the ?Trip Manipulation?, ?Trip Execution?, Trip Overview?, ?Trip Debrief? and ?Trip Planning? screens, to enable the user to prevent the transmission of the despatch confirmation message to DHL Link for a transport order.

The right-click option called ?Desp Conf Message Hold? will be available in the following data blocks:

Screen	Data Block
Trip Manipulation	TRIP_STOP ('Stops' tab page)
Trip Planning	TRIP_STOP ('Stops' tab page)
Trip Execution	SCH_TRIP_ORD
Trip Overview	TRIP_BLOCK1-10 / TAB_BLOCK1-10
Trip Debrief	SCH_ORDER_LINE ('Order Debrief' tab page)

The parameters passed will be:

1. Trip ID (SCH_TRIP.TRIP_ID)
2. Stop Number (SCH_TRIP_STOP.STOP_NO)
3. ?DESP_CONF? (message type)

An error message will be issued if the user attempts to call the new screen at a stop that is not loading at the owning depot of the trip.

The ?Trip Execution? screen will pass the stop number of the ?Load Location?.

The ?Trip Overview? screen will pass the stop number for the loading activity at the owning depot of the trip when the data is displayed at the trip level and the order level in each tab page.

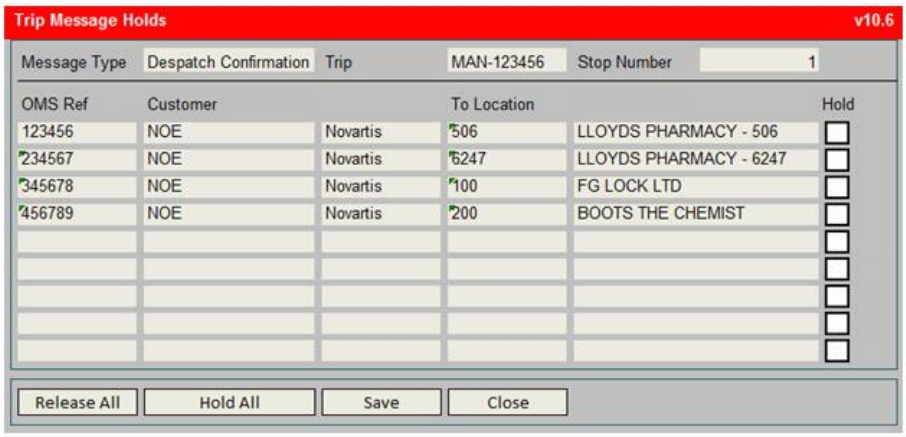
The ?Trip Debrief? screen will pass the stop number of the ?Load? location.

If the user accesses the screen via the menu then the trip and stop number may be entered to select the orders on the trip stop; if the screen is called from another trip screen then the trip and stop number will be passed by the calling screen and used automatically to select the orders.

The message type may be selected from a dropdown list which will be ?Despatch Confirmation? at present (but the screen could be developed in the future for other messages).

The screen will display the transport orders present on the trip stop at the despatching depot of the trip with a box for each order, when the box is ticked it will prevent transmission of the despatch confirmation message.

For example:



- Clicking ?Release All? will un-tick all of the ?Hold? boxes.
- Clicking ?Hold All? will tick all of the ?Hold? boxes.

- Clicking ?Save? will save any changes made.
- Clicking ?Close? will close the screen and return the user to the calling trip screen or menu.

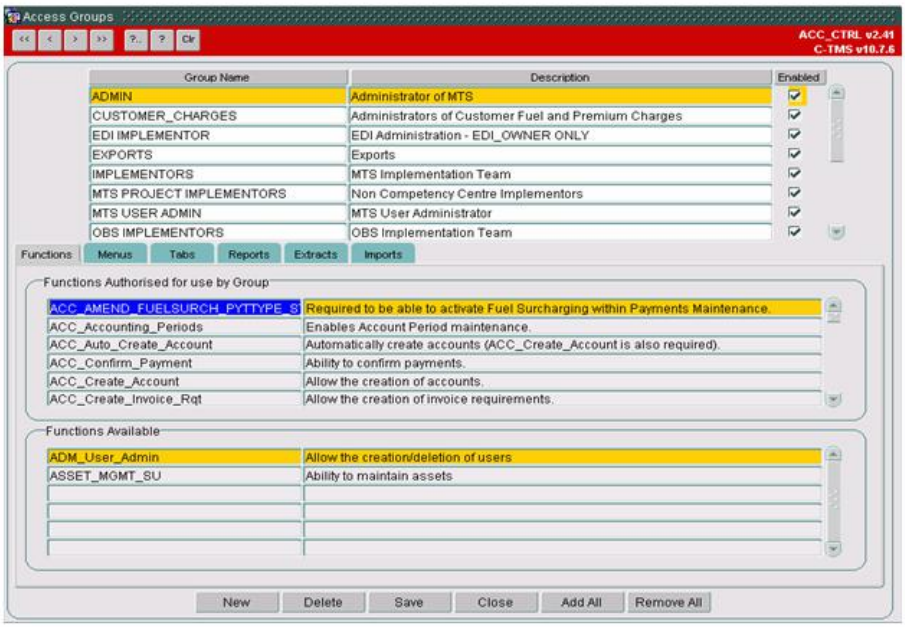
If the ?Hold? box is ticked then the transmission of the message will be prevented. (See section 3.13 for further details about the transmission.)

The ?SCH_ORD? database table will be changed to include the following column:

NAME	TYPE	NULLABLE
DESP_CONF_HOLD	VARCHAR2(12)	Y

The menu structure will be changed so that the new form is available in the ?Trip Management? menu.

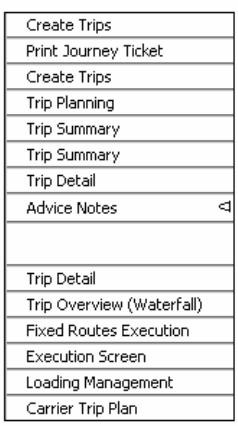
Access to the new form will be restricted to specific user groups in the ?User Access Control? screen by a new function called ?TRIP_MESSAGE_HOLD? (i.e. ?Allow access to the ?Trip Message Hold? screen?). The same access controls will be used to activate the right-click option in the other trip screens.



Access to the new form will also be restricted by user group in the ?Menus? tab.

4.2 Orion Menu

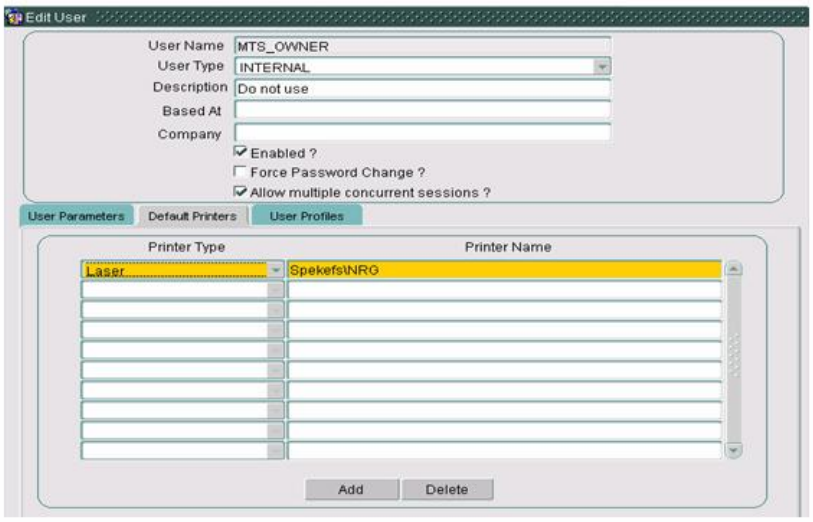
The menus will be changed so that the new form is available in the ?Trip Management? menu:



?Trip Message Holds? will be added to the menu options.

4.3 Default Printer Maintenance

The default printers may be setup for the user in the ?User Access Control? screen:



The default printer type will be a dropdown list of values from the existing ?REP_PRINTER_TYPE? database table and the expected values will be:

- Label
- Laser
- Matrix

The default printer type and name for the user will be stored on the existing ?ADM_DFLT_PRINTER? database table.

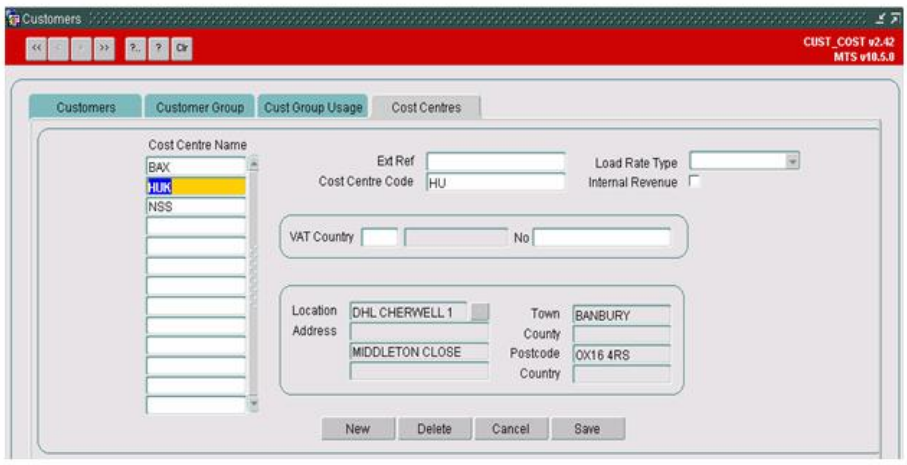
The manifest reports setup should not contain a default queue as the user?s default printer will be used.

The function ?REP.PARAMS? will be called for the printing of the manifests specifying local printing but not the user as the system username will be used.

The user?s default printer will be obtained for the printer type of the report: therefore, the manifest reports should be setup for printer type ?Laser? and the carrier labels should be setup for printer type ?Label?.

4.4 Meter Number

The meter number will be maintained for the cost centre code of the client, a new field called ?Meter Number? will be added to the ?Cost Centres? tab page of the ?Customers? screen:



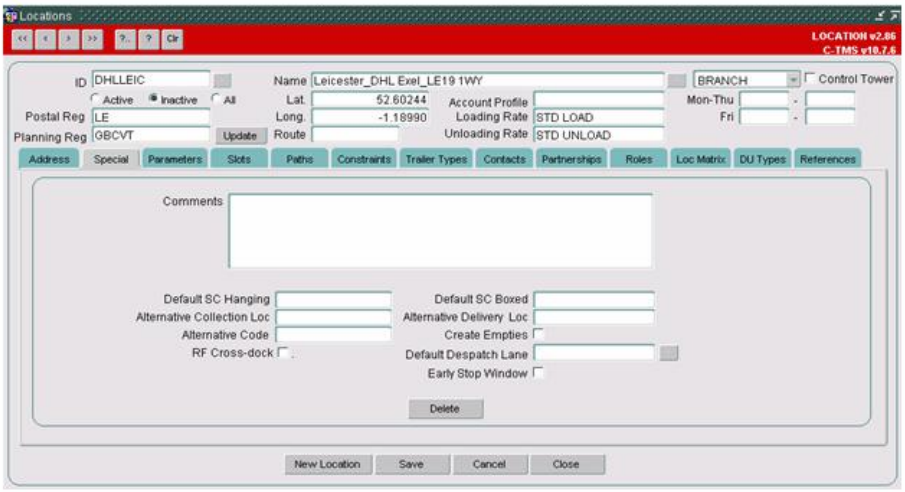
The ?REV_COST_CENTRE? database table will be changed to include the following column:

NAME	TYPE	NULLABLE
METER_NUMBER	VARCHAR2(12)	Y

4.5 Location Maintenance

A new field called ?Collecting Depot? will be added to the ?Locations? maintenance screen to store the code of origin of the depot location.

The new field will be displayed for ?CROSSDOCK? and ?RDC? location types.



The ?GEO_LOCATION? database table will be changed to include the following column:

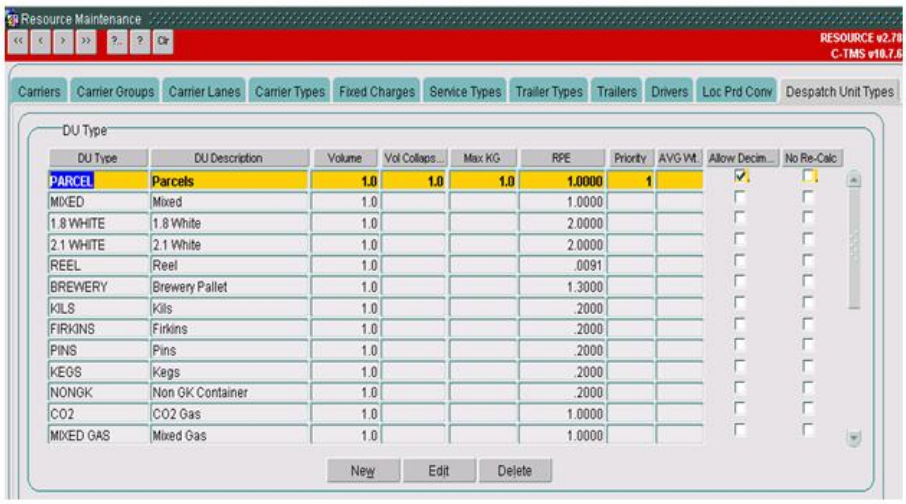
NAME	TYPE	NULLABLE
COLLECT_DEPOT	VARCHAR2(12)	Y

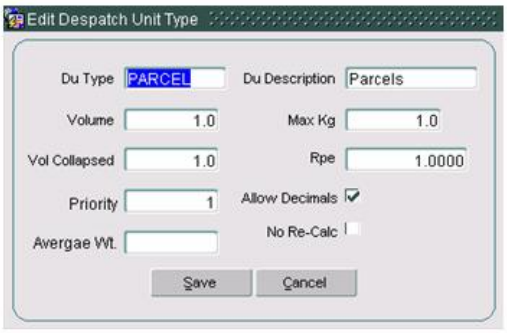
For example, the collecting depot could be ?OXF? although the location exists for a different sortation hub of ?LUT?.

4.6 Despatch Unit Types Maintenance

A new column called ?DU Category? will be added to the ?Despatch Unit Types? tab page of the ?Resource Maintenance? screen and to the ?Edit? screen.

The ?DU Category? will define the type of despatch unit for the carrier manifests from a dropdown list of values (e.g. ?Parcel? or ?Pallet?).





The ?RES_DESPATCH_UNIT_TYPE? database table will be changed to include the following column:

NAME	TYPE	NULLABLE
DU_CATEGORY	VARCHAR2(12)	Y

4.7 Carrier Maintenance

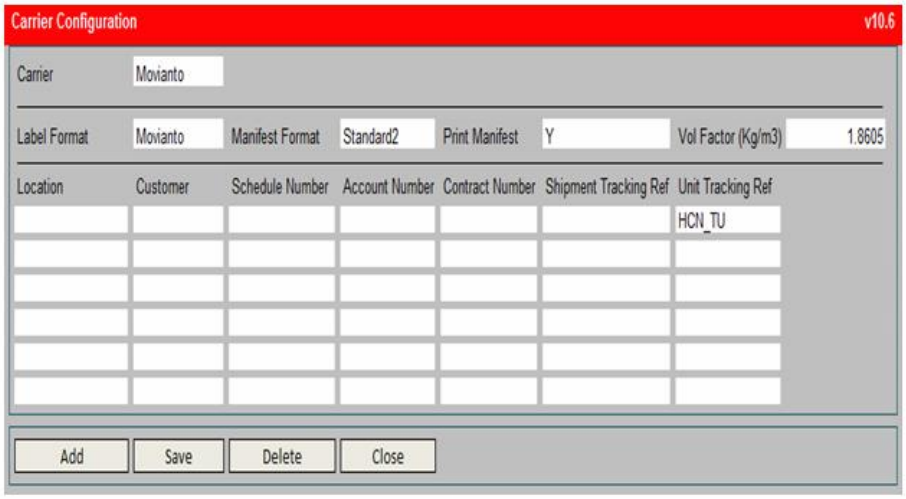
4.7.1 Carriers

A new tab page called ?Config? (i.e. ?Carrier Configuration?) will be added to the ?Resource Maintenance? screen to include extra fields related to the production of labels and manifests.

The schedule number, account number and contract number are stored against the carrier rather than the customer: they are carrier specific but can be applied at the customer level.

Access to the new tab page will be restricted to specific user groups in the ?User Access Control? screen.

For example:



- Clicking ?Add? will insert a new record.
- Clicking ?Save? will save any changes made and deletes the carrier configuration record.
- Clicking ?Delete? will delete the carrier configuration record.
- Clicking ?Close? will return the user to the menus.

The fields will be:

1. ?Label Format? (Controls which label format will be used)
2. ?Manifest Format? (Controls which physical manifest format will be used)
3. ?Print Manifest? (Controls whether the physical manifest will be printed automatically)
4. ?Vol Factor? (Stores the volumetric factor for the carrier to convert a weight into a dimensional weight in Kg/m3)
5. ?Location? (i.e. the despatching depot of the trip)
6. ?Customer? (i.e. the customer of the order)

7. ?Schedule Number?
8. ?Account Number?
9. ?Contract Number?
10. ?Shipment Tracking Ref? (Controls which tracking number range will be used at the shipment level and defines destination of lookup on existing data)
11. ?Unit Tracking Ref? (Controls which tracking number range will be used at the delivery unit level and defines destination of lookup on existing data)

The ?RES_CARRIER? database table will be changed to include the following columns displayed in the second section of the screenshot above:

NAME	TYPE	NULLABLE
LABEL_FORMAT	VARCHAR2(12)	Y
MANIFEST_FORMAT	VARCHAR2(12)	Y
PRINT_MANIFEST	VARCHAR2(1)	Y
VOLUMETRIC_FACTOR	NUMBER(8,4)	Y

A new database table called ?RES_CARRIER_CONFIG? will be created to store the following columns displayed in the third section of the screenshot above:

NAME	TYPE	NULLABLE
CARRIER_ID	VARCHAR2(12)	N
LOCATION_ID	VARCHAR2(12)	Y
CUSTOMER_ID	VARCHAR2(12)	Y
SCHEDULE_NUMBER	VARCHAR2(20)	Y
ACCOUNT_NUMBER	VARCHAR2(20)	Y
CONTRACT_NUMBER	VARCHAR2(20)	Y
SHIPMENT_TRACKING_REF	VARCHAR2(20)	Y
UNIT_TRACKING_REF	VARCHAR2(20)	Y

The following indexes will be added to the new database table:

Normal Ascending Index 1:

1. CARRIER_ID
2. LOCATION_ID
3. CUSTOMER_ID

Normal Ascending Index 2:

1. CARRIER_ID
2. CUSTOMER_ID
3. LOCATION_ID

The numbers and tracking references may be maintained at the carrier level, at the carrier/location level, at the carrier/customer level or the carrier/location/customer level as required.

In the example above the ?Unit Tracking Ref? has been set at the carrier level because a location and a customer have not been set.

The ?Label Format? and ?Manifest Format? fields will have a list of values based on the new ?RES_CARRIER_FORMATS? database table described in section 3.1.2: the ?Label Format? must have a type of ?Label? and the ?Manifest Format? must have a type of ?Manifest?.

?Print Manifest? will be a dropdown list with values of ?N? and ?Y? available: ?Y? will indicate that the physical manifest will be printed to the default printer when the trip is updated to ?EN-ROUTE?. A ?NULL? value will be considered to be ?N?.

The ?Schedule Number?, ?Account Number? and ?Contract Number? will be free text.

The ?Shipment Tracking Ref? and ?Unit Tracking Ref? fields will have a list of values based on the new ?RES_CARRIER_TRACKING? database table described in section 3.5.

The formats are expected to be setup as follows:

Carrier Type	Label Format	Manifest Format
DHL Express	DHL Express	DHL Express
Movianto	Movianto	Movianto
Parcelforce	Parcelforce	Standard1
Yodel	Yodel	Yodel
Courier	Standard	Standard1
Own Fleet	Standard	Standard1
Polarspeed	Polarspeed	Standard2

N.B. The level at which the tracking numbers will be generated will control whether a despatch unit and/or a shipment label will be produced:

- **If only a ?Unit Tracking Ref? exists then a label will be printed for each despatch unit quantity.**
- **If only a ?Shipment Tracking Ref? exists then a label will be printed for each despatch unit quantity in the shipment and a label will be printed for the shipment itself.**
- **If both a ?Unit Tracking Ref? and a ?Shipment Tracking Ref? exist then a label will be printed for each despatch unit quantity in the shipment and a label will be printed for the shipment itself.**

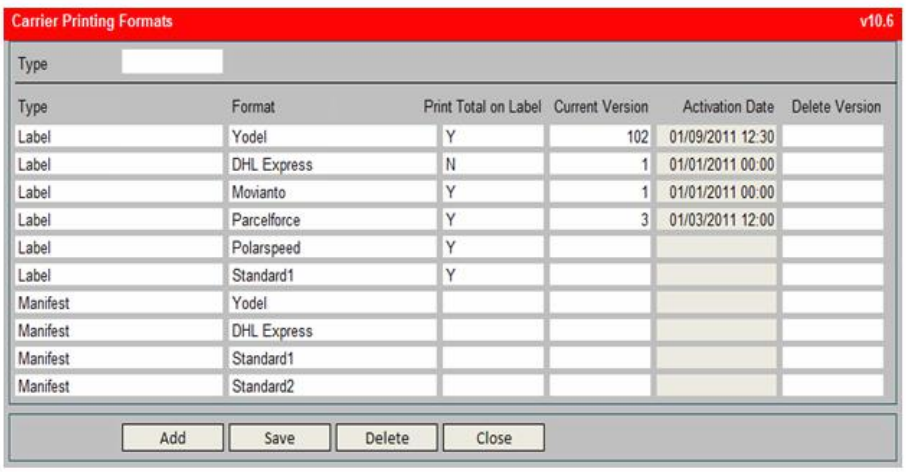
4.7.2 Carrier Printing Formats

A new tab page called ?Carrier Formats? will be created in the ?Resource Maintenance? screen to maintain the valid label and manifest formats.

A new database table called ?RES_CARRIER_FORMATS? will be created to store the following columns:

NAME	TYPE	NULLABLE
TYPE	VARCHAR2(12)	N
FORMAT	VARCHAR2(12)	N
PRINT_TOTAL_ON_LABEL	VARCHAR2(1)	Y
CURRENT_VERSION	NUMBER	Y
ACTIVATION_DATE	DATE	Y

The new tab page will display fields called ?Type? and ?Format? as shown in the example below:



- Clicking ?Add? will insert a new record.
- Clicking ?Save? will save any changes made and also deletes the route codes for the version number if set in the ?Delete Version? column.
- Clicking ?Delete? will delete the record and associated routing codes.
- Clicking ?Close? will return the user to the menus.

The ?Type? and ?Format? fields will be free text to enable any other formats to be used in the future.

The ?Print Total on Label? field will control the printing of the total number of labels per shipment/transport order, i.e. ?of X? or ?/X?. There will be a dropdown list with values of ?N? and ?Y? available: if the total number of labels needs to be printed on the label (if possible for the label format) then ?Y? should be entered.

A list of values will be present for the ?Current Version? and ?Delete Version ?fields based on the corresponding ?RES_CARRIER_ROUTING? or ?CAR_GAZ_VERSION? database tables.

The user will be able to update the current version of the format (should one exist on the corresponding ?RES_CARRIER_ROUTING? or ?CAR_GAZ_VERSION? database table) and the activation date will store the system date and time when the record is updated.

It is expected that the label format will correspond to the gazetteer/routing codes and that the appropriate carrier(s) will be assigned the label format.

The user will be able to delete any old gazetteer/routing codes from the corresponding ?RES_CARRIER_ROUTING? or ?Yodel? database tables. A check will be present to ensure that the deleted version is not the current version number.

It is expected that the deleted versions will be versions that are no longer required.

N.B. The ?Current Version? field will contain validation for ?Yodel? to ensure that the gazetteer ID entered exists on the new ?GAZ_YODEL_VERSION? database table and that the same gazetteer ID exists on the related database tables ?GAZ_YODEL_ACTIVATE?, ?GAZ_YODEL_DEST_STAT?, ?GAZ_YODEL_PRDSERV?, ?GAZ_YODEL_DEST_EXC?, ?GAZ_YODEL_REAMUSID?, ?GAZ_YODEL_SERVICES?, ?GAZ_YODEL_FEATURE?, ?GAZ_YODEL_HANDLING?, ?GAZ_YODEL_COUNTRY? and ?GAZ_YODEL_FREIGHT?. It will also be a requirement that the activation date present in the ?GAZ_YODEL_ACTIVATE? database table is not in the future.

These database tables will include a gazetteer ID obtained from the filename (e.g. ?SERVICES.102?) so that they may be maintained with the other database tables described above.

See section 3.6 for further information about the import process.

The current version will be used when the gazetteer/routing code information is accessed.

4.7.3 Carrier Service Types

A new tab page called ?Carrier Services? will be created in the ?Resource Maintenance? screen to maintain the relationship between the service type of the trip stops and the service code of the carriers for printing on the labels.

CARRIER	CODE	SERVICES	COVERAGE
Courier	COO	S24	Standard 24 Hour
	COU	ST	Standard 24 Hour
Movianto	HCL	C72	Channel Island 3 Day
	HCD	CUP	Channel Islands 2 Day
	HCS	N24	NI Next Day
	HCN	N72	NI 3 Day
	STU	NUP	NI 2 Day
	URG	S09	Pre 9
		S10	Pre 10:30
		S12	Pre 12
		S24	Standard 24 Hour
		SAT	Saturday
		SUP	Standard 2 Day
		SZZ	One Off

Agility	AGI	AIR	AIR CARRIER
Air World	AIR	ROA	ROAD CARRIER
Bronel	BRO	SEA	SEA CARRIER
Connexion	CWC		
Consumer Network	CNW		
Davies Turner	DAV		
Hardrodt	HAR		
Heritage	HER		
ISCA	ISC		
Kuehne & Nagel	KUN		
Maltacourt	MAL		
OceanBlue	OCE		
Pentagon	PEN		
Rohlig	ROH		
TBD	TBD		
Uniserve	UNI		
Uti	UTI		

Own Fleet	CHE	ND	Next Day 24 Hour
	CH1	S24	Next Day 24 Hour
	CH2	SND	Next Day 24 Hour

YODEL	D01	A10	NI Pre 10
	D02	ENI	NI 2/3 Day
	D03	H24	@ Home 24 Hour
	D04	H48	@ Home 48 Hour
	D05	N10	Pre 10
	D13	ND	Standard 24 Hour
	D19	NDA	Pre 12
	D30	NDN	NI 24 Hour
	D32	OIH	Offshore Isles and Highlands
	D33	S10	Saturday pre 10
	D34	SAM	Saturday pre 12
	D35	ST	Economy 2/3/Day
	D36		
	D37		

Polarspeed	POL	S24	Standard 24 Hour
		S12	Pre 12
		S10	Pre 10
		SAT	Saturday

DHL TD	TD1	DOM	Domestic UK
	TD2	MDE	Pre 12
	TD3	SDE	Pre 10
	TD4	ST	DOM / ECX / WPX
	TD5	WPX	Worldwide Parcel Express
	TD6	ECX	European Community Express
	TD7		
	TD8		
	DHL		

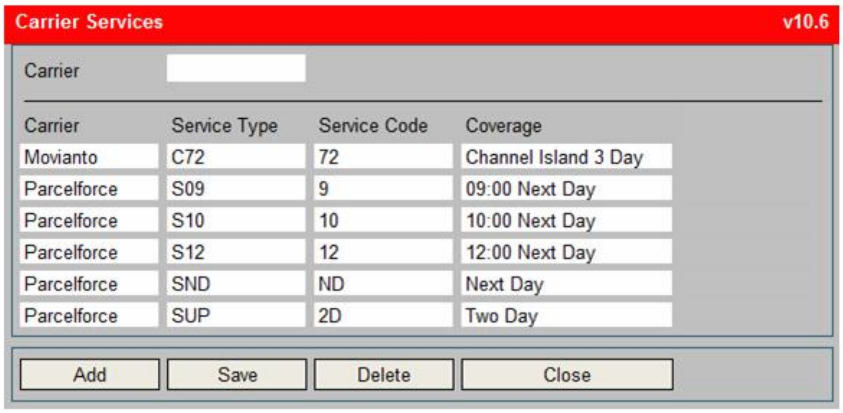
PARCELFORCE	PF1	S09	09:00 Next Day
	PF2	S10	10:00 Next Day
	PF3	S12	12:00 Next Day
		SND	Next Day
		SUP	Two Day

The ?PARCELFORCE? carrier will be setup with service types ?S09?, ?S10?, ?S12?, ?SND? and ?SUP?.

The ?CARRIER CODE? column above is the Unison carrier code and it will be mapped by DHL Link to the carrier ID in C-TMS during the order upload.

The new ?Carrier Services? tab page will enable the carrier service type of the trip stop to be mapped to the carrier service code for printing on the labels (e.g. ?S24? maps to ?24?):

For example:



A new database table called ?RES_CARRIER_SERVICES? will be created to store the following columns:

NAME	TYPE	NULLABLE
CARRIER_ID	VARCHAR2(12)	N
SERVICE_TYPE	VARCHAR2(12)	N
SERVICE_CODE	VARCHAR2(12)	N
SERVICE_COVERAGE	VARCHAR2(50)	N

The following index will be added to the new database table:

Unique Ascending Index 1:

1. CARRIER_ID
2. SERVICE_TYPE

4.7.4 Carrier Routing Codes

4.7.4.1 Maintenance

The new ?Carrier Routing? tab page will display records from the new ?RES_CARRIER_ROUTING? database table in the ?Resource Maintenance? screen:

For example:

A horizontal scrollbar will be present to display the other columns:

- Earliest Del Time
- Sun
- Mon
- Tue
- Wed
- Thu
- Fri
- Sat

- Clicking ?Add? will insert a new record.
- Clicking ?Save? will save any changes made.
- Clicking ?Delete? will delete the record.
- Clicking ?Close? will return the user to the menus.

The days of the week will be a tick box which if ticked will have a value of ?Y?.

The earliest delivery time will be stored as 4 digits, e.g. ?0730?.

The ?RES_CARRIER_ROUTING? database table will be created for the new carrier route code files:

NAME	TYPE	NULLABLE
LABEL_FORMAT	VARCHAR2(12)	N
VERSION	NUMBER	N
COUNTRY_CODE	VARCHAR2(3)	N
FROM_POSTCODE	VARCHAR2(12)	Y
TO_POSTCODE	VARCHAR2(12)	Y
TOWN	VARCHAR2(50)	Y
SORTATION_HUB	VARCHAR2(3)	Y
DEPOT	VARCHAR2(50)	Y
DEPOT_LABEL	VARCHAR2(2)	Y
AMBIENT_SERVICE_LEVEL	VARCHAR2(12)	Y
CHILL_SERVICE_LEVEL	VARCHAR2(12)	Y
DIRECTION	VARCHAR2(1)	Y
EARLIEST_DEL_TIME	VARCHAR2(4)	Y
SUNDAY	VARCHAR2(1)	Y
MONDAY	VARCHAR2(1)	Y
TUESDAY	VARCHAR2(1)	Y
WEDNESDAY	VARCHAR2(1)	Y
THURSDAY	VARCHAR2(1)	Y
FRIDAY	VARCHAR2(1)	Y
SATURDAY	VARCHAR2(1)	Y
CREATED_DATE	DATE	N
CREATED_BY	VARCHAR2(40)	N
UPDATED_DATE	DATE	Y
UPDATED_BY	VARCHAR2(40)	Y

Each of the carrier routing files uploaded (except ?Yodel?) will write data to the new database table as follows:

Column	DHL ESD	Movianto	Polarspeed
LABEL_FORMAT	'DHL Express'	'Movianto'	'Polarspeed'
VERSION	Sequential	Sequential	Sequential
COUNTRY_CODE	Uploaded	Default 'GB'	Default 'GB'
FROM_POSTCODE	Uploaded	Uploaded	Uploaded
TO_POSTCODE	Uploaded	Uploaded	Uploaded
TOWN	Uploaded	Uploaded	NULL
SORTATION_HUB	Uploaded	NULL	Uploaded
DEPOT	NULL	Uploaded	NULL
DEPOT_LABEL	NULL	Uploaded	NULL
AMBIENT_SERVICE_LEVEL	NULL	Uploaded	NULL
CHILL_SERVICE_LEVEL	NULL	Uploaded	NULL
DIRECTION	NULL	NULL	Uploaded
EARLIEST_DEL_TIME	NULL	NULL	Uploaded
SUNDAY	NULL	NULL	Uploaded
MONDAY	NULL	NULL	Uploaded
TUESDAY	NULL	NULL	Uploaded
WEDNESDAY	NULL	NULL	Uploaded
THURSDAY	NULL	NULL	Uploaded
FRIDAY	NULL	NULL	Uploaded
SATURDAY	NULL	NULL	Uploaded

Each upload of a route code file for the carrier will be provided with a version number so that the current version may be set.

The version number will be a sequential number for the carrier file.

N.B. It is expected that unused versions will be deleted to limit the number of records stored on the database tables. This will be a process managed by the user and the records will not be deleted automatically.

N.B. It is expected that only the ?ESD? format will be uploaded for ?DHL Express? and not the ?TDB? format.

4.7.4.2 Activation

The current ?Yodel? gazetteer and other carrier routing codes will be maintained in the new ?Carrier Printing Formats? tab page of the ?Resources? screen: the user will be able to set the current version and delete any old versions.

A check will be in place for when the gazetteer is activated to check that all records are present with the same version number, if they are not then the gazetteer cannot be activated.

4.8 Carrier Tracking Numbers

4.8.1 Maintenance

A new maintenance tab page called ?Carrier Tracking? will be created in the ?Resources? screen to maintain the tracking ranges required for each combination of carrier, client (customer) and level (shipment and/or DU level).

An example of the current tracking number ranges is shown below:

CARRIER	Client(s)	Shpt Ref Type	TU Ref Type	PREFIX	CONSIGNMENT LEVEL Start	End	Next Ref	Remaining	TRANSPORT UNIT LEVEL Start	End	Next ref	Remaining
Parcelforce	Site 1	PF_SHPT	N/A	AS	664000	763999	674928	83071				
Parcelforce	Site 2	PF2_SHPT	N/A	FI	400000	499999	400000	99999	NOT IN USE			
Parcelforce	Zimmer	PF3_SHPT	N/A	LI	900000	999999	900000	99999				

CARRIER	Client(s)	Shpt Ref Type	TU Ref Type	PREFIX	CONSIGNMENT LEVEL Start	End	Next Ref	Remaining	TRANSPORT UNIT LEVEL Start	End	Next ref	Remaining
DHL DD	Novartis	N/A	DHL_DD_LPN	00002268362								
DHL DD	Site 3 Multi User	N/A	DHL_DD_LPN	00002268362								
DHL DD	Dew/Sori/Hae	N/A	DHL_DD_LPN	00002268362								
DHL DD	GSK Promo	N/A	DHL_DD_LPN	00002268362					1	999999	67032	932967
DHL DD	Morwyle	N/A	DHL_DD_LPN	00002268362								
DHL DD	Ferndale	N/A	DHL_DD_LPN	00002268362								
DHL DD	Site 1	N/A	DHL_DD_LPN	00002268362								
DHL DD	Smiths	N/A	DHL_DD_LPN	00002268362								

CARRIER	Client(s)	Shpt Ref Type	TU Ref Type	PREFIX	CONSIGNMENT LEVEL Start	End	Next Ref	Remaining	TRANSPORT UNIT LEVEL Start	End	Next ref	Remaining
DHL TD	GSK	DHL_UK_AWB	DHL_UK_LPN	00002263200								
DHL TD	Novartis	DHL_UK_AWB	DHL_UK_LPN	00002263200								
DHL TD	Dew/Sori/Hae	DHL_UK_AWB	DHL_UK_LPN	00002263200								
DHL TD	Ferndale	DHL_UK_AWB	DHL_UK_LPN	00002263200	717921625	717933624	717923251	10373	1	999999	127864	872135
DHL TD	Serono	DHL_UK_AWB	DHL_UK_LPN	00002263200								
DHL TD	Site 1	DHL_UK_AWB	DHL_UK_LPN	00002263200								
DHL TD	Smiths	DHL_UK_AWB	DHL_UK_LPN	00002263200								

CARRIER	Client(s)	Shpt Ref Type	TU Ref Type	PREFIX	CONSIGNMENT LEVEL Start	End	Next Ref	Remaining	TRANSPORT UNIT LEVEL Start	End	Next ref	Remaining
Movianto	GSK	HCL_GSK	HCN_TU		1	9999999999	327832	9999672167	1	4999999	137286	4862713
Movianto	GSK	HCL_GSK	HCS_TU						5000000	9999999	5221102	4778897
Movianto	Actavis	HCL_ACT	ACT_TU		1	999999	168992	831007	1	9999999	322140	9677859
Movianto	Actavis	HCL_ACT	ACT_TU									
Movianto	GSK	SCH_SMD	GSK_TU		100000	199999	100000	99999				
Movianto	GSK	SCH_STU	GSK_TU		200000	299999	201398	98601				
Movianto	GSK	SCH_SWE	GSK_TU		300000	399999	300000	99999	1	9999999	10384	9989615
Movianto	GSK	SCH_STH	GSK_TU		400000	499999	400000	99999				
Movianto	GSK	SCH_SFR	GSK_TU		500000	599999	500000	99999				
Movianto	GSK	SCH_URG	GSK_TU		1	999999	1	999998				

CARRIER	Client(s)	Shpt Ref Type	TU Ref Type	PREFIX	CONSIGNMENT LEVEL Start	End	Next Ref	Remaining	TRANSPORT UNIT LEVEL Start	End	Next ref	Remaining
Courier	Merck Serono	Courier	N/A		370000000	379999999	370002033	9997966				
Courier	Novartis	Courier	N/A									
Courier	Actavis	Cour_Act	N/A		1	9999999	6	9999993				

CARRIER	Client(s)	Shpt Ref Type	TU Ref Type	PREFIX	CONSIGNMENT LEVEL Start	End	Next Ref	Remaining	TRANSPORT UNIT LEVEL Start	End	Next ref	Remaining
Own Fleet	Novartis	XL_Fleet	N/A		360000000	369999999	360040349	9959650				

CARRIER	Client(s)	Shpt Ref Type	TU Ref Type	PREFIX	CONSIGNMENT LEVEL Start	End	Next Ref	Remaining	TRANSPORT UNIT LEVEL Start	End	Next ref	Remaining
Polarspeed	Novartis	Polar	POLAR_TU		1	999999999	22775	999977224	1	999999999	35228	999964771

CARRIER	Client(s)	Shpt Ref Type	TU Ref Type	PREFIX	CONSIGNMENT LEVEL Start	End	Next Ref	Remaining	TRANSPORT UNIT LEVEL Start	End	Next ref	Remaining
Various	Actavis	Various	Various		1	999999	var	Lots	1	999999999	var	Lots

The carrier ID will have a shipment reference and/or a DU reference assigned to it to obtain the next tracking number at the appropriate level.

A new database table called ?RES_CARRIER_TRACKING? will be created to store the tracking numbers at the different levels:

?RES_CARRIER_TRACKING?:

NAME	TYPE	NULLABLE
REF_TYPE	VARCHAR2(12)	N
PREFIX	VARCHAR2(12)	Y
CD_FUNCTION	VARCHAR2(20)	Y
CHECK_DIGIT	NUMBER	Y
START	NUMBER	N
END	NUMBER	N
NEXT	NUMBER	N
ALERT	NUMBER	Y
EMAIL_ADDRESS	VARCHAR2(100)	Y
SMS_ADDRESS_1	VARCHAR2(12)	Y
SMS_ADDRESS_2	VARCHAR2(12)	Y
SMS_ADDRESS_3	VARCHAR2(12)	Y
SMS_ADDRESS_4	VARCHAR2(12)	Y
RECYCLE	VARCHAR2(1)	Y

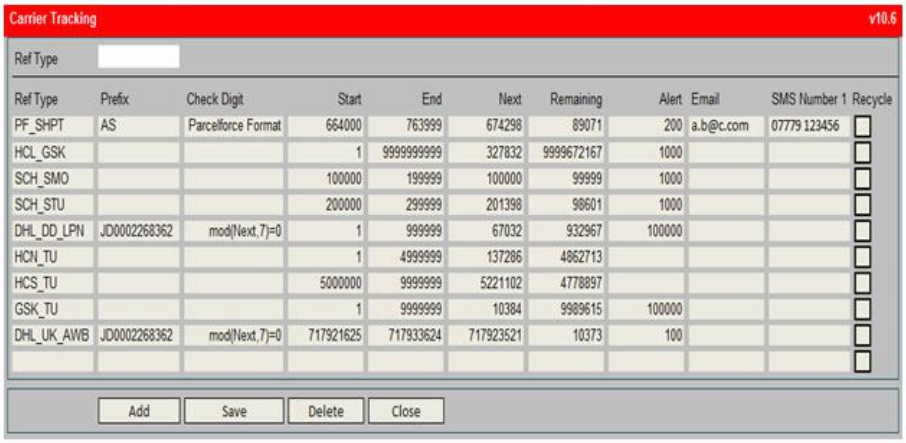
A unique primary key constraint will be created for the following columns:

- REF_TYPE

The remaining numbers will be calculated by the deduction of the next number from the end number for each record.

The new ?Carrier Tracking? tab page will display records from the new ?RES_CARRIER_TRACKING? database table in the ?Resource Maintenance? screen:

For example:



A horizontal scrollbar will be be present to display the other columns:

- SMS Number 2
- SMS Number 3
- SMS Number 4

- Clicking ?Add? will insert a new record.
- Clicking ?Save? will save the changes made.
- Clicking ?Delete? will delete the record.
- Clicking ?Close? will return the user to the menus.

The alert may be sent to an e-mail address plus up to 4 mobile phone numbers as a text message, therefore, at least one address must exist for the alert to be sent.

The check digit will be maintained with the update of the next number because the next number is used to form the check digit.

For example, next number ?717923521? will have a check digit of ?0? based on the function for the carrier.

There will be check digits formats for ?Parcelforce?, ?DHL Express?, ?Courier? and ?Own Fleet? carrier/customer combinations only:

Carrier	Check Digit Format
Parcelforce	See section 3.6.2
DHL Express	Modulus(next number,7)
Courier	Modulus(next number,7)
Own Fleet	Modulus(next number,7)

?Recycle? will be a tick box that will indicate that the next number may return automatically to the start of the range when the end of the range has been reached; an alert will still be sent even if the number range may be recycled. A ticked box will have a value of ?Y?. The default will be ?N? for no recycling.

The maintenance tab pages may be used to insert, change and delete records.

4.8.2 Parcelforce Check Digit Algorithm

To calculate a check digit for a ?Guaranteed? service consignment number where:

XX is a two character alphabetic prefix

nnnnnn is a 6 digit number

C is the check digit

The procedure is as follows:

1. Multiply the first digit in the 6 digit number by 4.

Multiply the second digit in the 6 digit number by 2. Multiply the third digit in the 6 digit number by 3. Multiply the fourth digit in the 6 digit number by 5. Multiply the fifth digit in the 6 digit number by 9. Multiply the sixth digit in the 6 digit number by 7.

1. Add the results together.
2. Divide the resulting total by 11, note the remainder.
3. Subtract the remainder from 11.
4. If the result of (4) is 10, then the check digit is zero.

If the result of (4) is 11, then the check digit is 5. Else the check digit is the result of (4).

Thus, given a 6 digit number of 162738 the check digit calculation is as follows:

1. 1 x 4 = 4.

6 x 2 = 12. 2 x 3 = 6. 7 x 5 = 35. 3 x 9 = 27. 8 x 7 = 56.

1. 4 + 12 + 6 + 35 + 27 + 56 = 140.
2. 140 * 11 = 12 remainder 8.
3. 11 - 8 = 3.
4. **Check digit = 3.**

4.8.3 Alerts

An alert message will be generated in an e-mail when the tracking number range is nearing its limit for the calendar year (i.e. when the number of remaining tracking numbers reaches the alert level set).

The recipient e-mail address will be setup for the tracking reference type.

The alert message will have the following format:

?Tracking reference type X is approaching its limit - please investigate.?

The e-mail will be sent to the e-mail address of the required recipient when the next tracking number used leaves the remaining numbers below the threshold set.

N.B. The method of transfer of messages to be used is described in section 3.6 of the functional specification ?FS-290930 NW-8KENDB SMS Pre-advice v1.0.doc?.

4.8.4 Processing

When the label is printed the tracking number will be stored at the appropriate level on a new database table called ?SCH_ORD_TRACKING?:

NAME	TYPE	NULLABLE
OMS_REF	VARCHAR2(12)	N
REF_TYPE	VARCHAR2(12)	N
SHIPMENT_ID	VARCHAR2(20)	N
CARRIER_ID	VARCHAR2(12)	N
LINE_NO	NUMBER(8)	Y
DU_TYPE	VARCHAR2(12)	Y
TRACKING_NO	NUMBER	N
TRACKING_REF	VARCHAR2(20)	N
CARTON_NUMBER	NUMBER(8)	Y

REF_TYPE? will indicate the type of tracking reference recorded: ?S? for shipment level and ?D? for despatch unit level depending on the next number used from the ?RES_CARRIER_TRACKING? database table.

- ?SHIPMENT_ID? will indicate the shipment ID generated for the transport order/shipment.
- ?CARRIER_ID? will indicate the carrier for whom the tracking reference was generated.
- ?LINE_NO? will indicate the line of the transport order to link the despatch unit tracking reference with the despatch unit.
- ?DU_TYPE? will indicate the despatch unit type of the despatch unit tracking reference.
- ?TRACKING_NO? will be the actual number used (?next? at the time).

- ?TRACKING_REF? will be the full tracking referenced used on the packing label.
- ?CARTON_NUMBER? will be the carton number obtained from the ?CIPD? message from Unison WMS, for which the despatch unit tracking numbers will be generated.

If a tracking number is used at the shipment or the despatch unit levels then a record will be written to the new table to store which tracking numbers have been used for which shipments/despatch units. The full tracking reference (a.k.a. air bill number) will also be recorded.

The storage of the carton number on the ?SCH_ORD_TRACKING? database table means that a record will need to be written when the ?CIPD? message is processed and then the record will be updated when the tracking number is generated for the printing of the label. The tracking number may then be linked to the carton number for the ?CITD? message that is sent to Unison WMS to store the tracking number against the carton number.

N.B. If a transport order has been entered manually then a carton number and sales order number will not be known and thus the ?CARTON_NUMBER? and ?SO_REF? columns on the ?SCH_ORD_TRACKING? database table will be blank. Therefore, the columns may be described as ?nullable?.

4.9 Parcel Carrier Gazetteer

4.9.1 Imports - Yodel

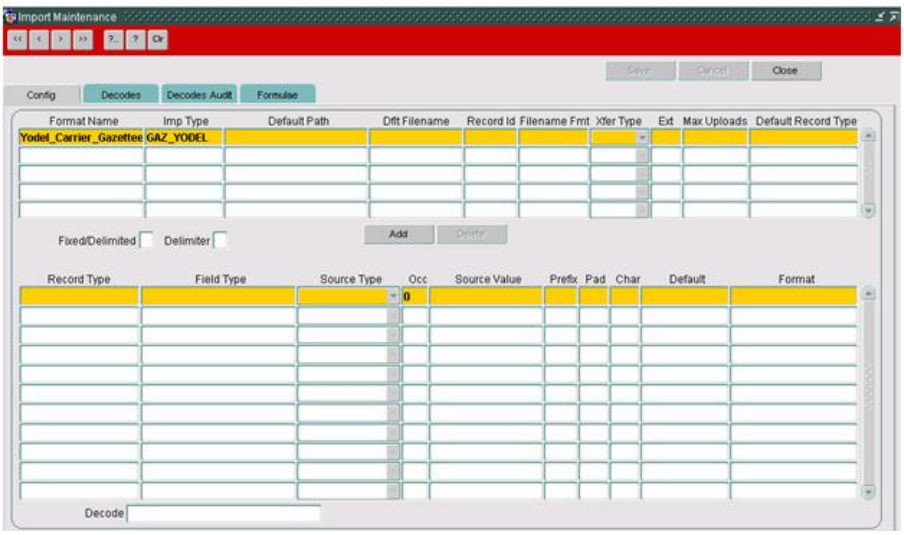
A new import type of ?GAZ_YODEL? will be introduced for the ?Import Maintenance? screen so that the following record type may be setup:

- VERSION (Version)

The import of the gazetteer will be run for a single record type for the version and all of the other files will be processed automatically with the version provided that all files are for the same gazetteer ID.

The other record types are listed below although they do not need to be setup in the ?Import Maintenance? screen:

- ACTIVATE (Activation)
- DESTINATION_STATION (Destination Station)
- DESTINATION_PRDSERV (Destination Services)
- DESTINATION_EXCEPT (Destination Exception)
- REAMUSID (Reamusid)
- SERVICES (Service Codes)
- FEATURE (Feature Codes)
- HANDLING (Handling Codes)
- COUNTRY (Country Codes)
- CONFRDES (Freight Codes)



The format name will be setup as ?Yodel Carrier Gazetteer?, for example, with an import type of ?GAZ_YODEL? and a default filename of ?VERSION.txt?.

The fields in the files to be uploaded will be delimited by pipes (?|?) (configurable).

If only the version file were not used then the other pipe-delimited files would be setup as separate record types; and separate import and record types would be introduced, as listed below, for the files that do not contain the gazetteer ID as an item:

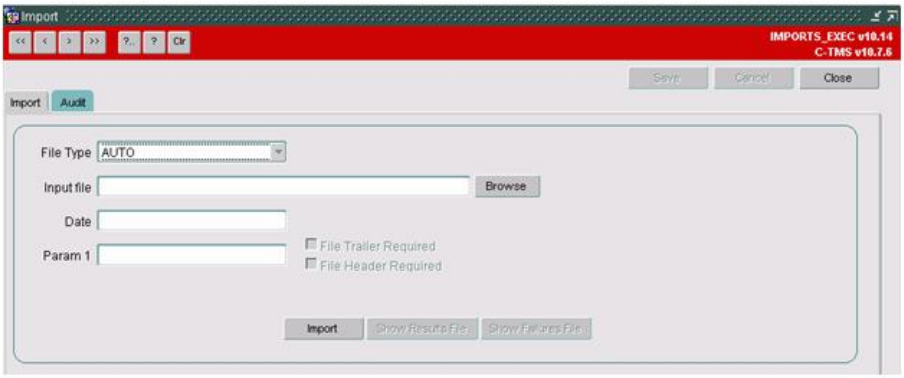
- SERVICES (Service Codes)
- FEATURE (Feature Codes)
- HANDLING (Handling Codes)
- COUNTRY (Country Codes)
- CONFRDES (Freight Codes)

The fields in the above files to be uploaded would be of fixed length.

?String? data types will be considered as ?VARCHAR2? data types and ?Float? data types will be considered as ?NUMBER? data types.

All import files processed will add new records on the new database tables created for each aspect of the gazetteer.

The following filenames will be expected and they will be required to be placed by the user into the required directory to be found in the browser:



The files expected will be:

1. VERSION.txt
2. ACTIVATE.999
3. DESTINATION_PRDSERVICE.999
4. DESTINATION_STATION.999
5. DESTINATION_EXCEPTION.999
6. REAMUSID.999
7. SERVICES.999
8. FEATURE.999
9. HANDLING.999
10. COUNTRY.999
11. CONFRDES.999

The ?Import Maintenance? and ?Import? screens will not be changed.

4.9.1.1 IMP Package

For the gazetteer information, only the file ?VERSION.txt? need be imported to set the gazetteer ID; the other files will then be uploaded using the gazetteer ID as the suffix (e.g. ?ACTIVATE.102?); this will be done by appending the gazetteer ID obtained in the ?VERSION.txt? file.

The whole set of files must be uploaded together so that the gazetteer is maintained correctly, the gazetteer ID in the ?VERSION.txt? file must match the gazetteer ID contained in the other files as the suffix.

A check will be performed to ensure that the 11 gazetteer files are present in the same directory with the same version number before the upload can proceed: if the whole gazetteer is not present and validated then the upload will be rejected.

The gazetteer ID must be greater than the previous gazetteer IDs stored to ensure that old data is not re-used.

The files with a suffix of ?999? will be renamed with a suffix of ?txt? prior to upload, for example, ?ACTIVATE_102.txt?.

The ?Import? button in the ?Import? screen will call the ?IMP.IMPORT_SERVER_FILE? function and pass the directory path and file found.

Function ?IMP.IMPORT_SERVER_FILE? will then read and validate the file received.

Changes will be made for the new ?GAZ_YODEL? import type.

?IMPORT_SERVER_FILE?

This function will be changed to check for the new import types and call the new functions.

?PROCESS_YODEL_GAZ?

A check will be performed at the start of the function to ensure that all of the gazetteer information is present in the same directory with the same gazetteer ID. (N.B. The 6 different filenames will be stored as the record types for the ?GAZ_YODEL? import type: VERSION, ACTIVATE, DESTINATION_STATION, DESTINATION_PRDSERV, DESTINATION_EXCEPT, REAMUSID; the other 5 files will be available as separate record types due to their fixed formats.)

If a valid set of gazetteer files is present then each file will be processed after the ?VERSION.txt? file within the same import process. Thus there will not be a requirement to import all of the files separately.

Each file will need to be processed consecutively so the file will need to be accessed and read afresh; it will be necessary to rename the files with a ?txt? suffix; UNIX commands may be used for this purpose.

The import will only store the data on the new gazetteer tables (external) and will not update automatically the active data for the carrier lanes used to assign carriers and to schedule transport orders/shipments onto trips for the carriers.

A new screen called ?Carrier Printing Formats? will be available to perform the update of the new version of the gazetteer as the live data once the activation date has passed. See section 3.5.2 for further information.

?PROCESS_YODEL_SERVICES?

The file will be processed and it will be necessary to rename the file with a ?txt? suffix; UNIX commands may be used for this purpose.

?PROCESS_YODEL_FEATURE?

The file will be processed and it will be necessary to rename the file with a ?txt? suffix; UNIX commands may be used for this purpose.

?PROCESS_YODEL_HANDLING?

The file will be processed and it will be necessary to rename the file with a ?txt? suffix; UNIX commands may be used for this purpose.

?PROCESS_YODEL_COUNTRY?

The file will be processed and it will be necessary to rename the file with a ?txt? suffix; UNIX commands may be used for this purpose.

?PROCESS_YODEL_CONFRDES?

The file will be processed and it will be necessary to rename the file with a ?txt? suffix; UNIX commands may be used for this purpose.

The breakdown of each file is shown in the following sections.

4.9.1.2 Version

The only row of the file contains the Gazetteer ID (version number):

REF	NAME	TYPE	SIZE	DESCRIPTION
1	Gazetteer ID	String	5	Start ID for Gazetteer (only appears once in the file)

This record type will have the following field type available for selection:

1. GAZETTEER_ID

For example:

102

A new database table called ?GAZ_YODEL? will be created to store the information uploaded for the ?VERSION? record type:

NAME	TYPE	NULLABLE
GAZETTEER_ID	VARCHAR2(5)	N
UPLOAD_DATE	DATE	N
ACTIVATION_DATE	DATE	Y

4.9.1.3 Activate

The only row of the file contains the Gazetteer ID (version number) and the activation date:

REF	NAME	TYPE	SIZE	DESCRIPTION
1	Gazetteer ID	String	5	Start ID for Gazetteer (only appears once in the file)
2	Activation Date	Date	10	Format DD/MM/YYYY.

This record type will have the following field types available for selection:

1. GAZETTEER_ID
2. ACTIVATION_DATE

For example:

10230/04/2009

A new database table called ?GAZ_YODEL_ACTIVATE? will be created to store the information uploaded for the ?ACTIVATE? record type:

NAME	TYPE	NULLABLE
GAZETTEER_ID	VARCHAR2(5)	N
UPLOAD_DATE	DATE	N
ACTIVATION_DATE	DATE	Y

4.9.1.4 DESTINATION_STATION

The first row of the file contains the Gazetteer ID (version number), with a pipe delimiter end:

REF	NAME	TYPE	SIZE	DESCRIPTION
DS1	Gazetteer ID	String	5	Start ID for Gazetteer (only appears once in the file)
DS2	CountryCode	String	2	(Always GB) country code of the receiver.
DS3	City	String	35	IGNORE city name of the receiver.
DS4	State	String	35	IGNORE state name of the receiver.
DS5	From_Postcode	String	12	Postal code where the shipment has to be delivered.
DS6	To_PostCode	String	12	Postal code where the shipment has to be delivered.
DS7	ProductCode	String	2	Product code selected for the shipment.
DS8	From_Weight	Float	Float	Minimum weight allowed for the given destination.
DS9	To_Weight	Float	Float	Maximum weight allowed for the given destination.
DS10	ServiceCtr_ReamusID	String	6	Standard location ID codes – Service Ctr
DS11	Hub_ReamusID	String	6	Standard location ID codes - Hub

This record type will have the following field types available for selection:

1. GAZETTEER_ID
2. COUNTRY_CODE
3. TOWN
4. COUNTY
5. FROM_POSTCODE
6. TO_POSTCODE
7. PRODUCT_CODE
8. FROM_WEIGHT
9. TO_WEIGHT
10. SERVICE_CENTRE_REAMUSID
11. SORTATION_HUB_REAMUSID

For example:

102|||||||||| GB|||AB10 0AA|AB16 9ZZ|01|0|3150|077240|077760| GB|||ZE1 1AA|ZE3 9ZZ|17|0|99999|98|98|

The first line is the ?Gazetteer ID? and will be processed separately by the import process.

The following item will be validated that it exists in C-TMS:

- COUNTRY_CODE

A new database table called ?GAZ_YODEL_DEST_STAT? will be created to store the information uploaded for the ?DESTINATION_STATION? record type:

NAME	TYPE	NULLABLE
GAZETTEER_ID	VARCHAR2(5)	N
COUNTRY_CODE	VARCHAR2(3)	N
TOWN	VARCHAR2(50)	Y
COUNTY	VARCHAR2(50)	Y
FROM_POSTCODE	VARCHAR2(12)	N
TO_POSTCODE	VARCHAR2(12)	N
PRODUCT_CODE	VARCHAR2(2)	N
FROM_WEIGHT	NUMBER	Y
TO_WEIGHT	NUMBER	Y
SERVICE_CENTRE_REAMUSID	VARCHAR2(6)	N
SORTATION_HUB_REAMUSID	VARCHAR2(6)	N
CREATED_DATE	DATE	N
CREATED_BY	VARCHAR2(40)	N

A unique primary key constraint will be created for the following columns:

- GAZETTEER_ID
- COUNTRY_CODE
- FROM_POSTCODE
- TO_POSTCODE
- PRODUCT_CODE
- FROM_WEIGHT
- TO_WEIGHT

4.9.1.5 DESTINATION_PRDSERV

The first row of the file contains the Gazetteer ID (version number), with a pipe delimiter end:

REF	NAME	TYPE	SIZE	DESCRIPTION
DPS1	Gazetteer ID	String	5	Start ID for Gazetteer (only appears once in the file)
DPS2	ServiceCtr_ReamusID	String	6	Standard location ID codes – Service Ctr
DPS3	ProductCode	String	2	Product code selected for the shipment.
DPS4	FeatureCode	String	2	Feature code selected for the shipment, look up value for Feature Code in the Service table
DPS5	Allowed	String	1	Product / service combination "Allowed Status" for given Service Ctr. "Y" – Yes, allowed. "E" – Exception, do lookup by postcode in Destination Exception table.

This record type will have the following field types available for selection:

1. GAZETTEER_ID
2. SERVICE_CENTRE_REAMUSID
3. PRODUCT_CODE
4. FEATURE_CODE
5. ALLOWED

For example:

102||||

0|17|C0|Y|

078016|01|17|Y|

The first line is the ?Gazetteer ID? and will be processed separately by the import process.

A new database table called ?GAZ_YODEL_DEST_PRDSERV? will be created to store the information uploaded for the ?DESTINATION_PRDSERV? record type:

NAME	TYPE	NULLABLE
GAZETTEER_ID	VARCHAR2(5)	N
SERVICE_CENTRE_REAMUSID	VARCHAR2(6)	N
PRODUCT_CODE	VARCHAR2(2)	N
FEATURE_CODE	VARCHAR2(2)	N
ALLOWED	VARCHAR2(1)	N
CREATED_DATE	DATE	N
CREATED_BY	VARCHAR2(40)	N

A unique primary key constraint will be created for the following columns:

- GAZETTEER_ID
- SERVICE_CENTRE_REAMUSID
- PRODUCT_CODE
- FEATURE_CODE

4.9.1.6 DESTINATION_EXCEPT

The first row of the file contains the Gazetteer ID (version number), with a pipe delimiter end:

REF	NAME	TYPE	SIZE	DESCRIPTION
DE1	Gazetteer ID	String	5	Start ID for Gazetteer (only appears once in the file)
DE2	CountryCode	String	2	(Always GB) country code of the receiver.
DE3	City	String	35	IGNORE Stores the city name of the receiver.
DE4	State	String	35	IGNORE Stores the state name of the receiver.
DE5	From_Postcode	String	12	Postal code where the shipment has to be delivered.
DE6	To_PostCode	String	12	Postal code where the shipment has to be delivered.
DE7	ProductCode	String	2	Product code selected for the shipment.
DE8	FeatureCode	String	2	Service code selected for the shipment.

This record type will have the following field types available for selection:

1. GAZETTEER_ID
2. COUNTRY_CODE
3. TOWN
4. COUNTY
5. FROM_POSTCODE
6. TO_POSTCODE
7. PRODUCT_CODE
8. FEATURE_CODE

For example:

102|||||||

GB|||AB10 0AA|AB10 9ZZ|01|04|

GB|||ZE3 0AA|ZE3 9ZZ|01|17|

The first line is the ?Gazetteer ID? and will be processed separately by the import process.

The following item will be validated that it exists in C-TMS:

- COUNTRY_CODE

A new database table called ?GAZ_YODEL_DEST_EXC? will be created to store the information uploaded for the ?DESTINATION_EXCEPT? record type:

NAME	TYPE	NULLABLE
GAZETTEER_ID	VARCHAR2(5)	N
COUNTRY_CODE	VARCHAR2(3)	N
TOWN	VARCHAR2(50)	Y
COUNTY	VARCHAR2(50)	Y
FROM_POSTCODE	VARCHAR2(12)	N
TO_POSTCODE	VARCHAR2(12)	N
PRODUCT_CODE	VARCHAR2(2)	N
FEATURE_CODE	VARCHAR2(2)	N
CREATED_DATE	DATE	N
CREATED_BY	VARCHAR2(40)	N

A unique primary key constraint will be created for the following columns:

- GAZETTEER_ID
- COUNTRY_CODE
- FROM_POSTCODE
- TO_POSTCODE
- PRODUCT_CODE
- FEATURE_CODE

N.B. It is possible that because of the number of records per gazetteer that the file may be split and uploaded in sections: this will not be a problem as long as the gazetteer ID is provided in the first line of each file.

4.9.1.7 REAMU SID

The first row of the file contains the Gazetteer ID (version number), with a pipe delimiter end:

REF	NAME	TYPE	SIZE	DESCRIPTION
RD1	Gazetteer ID	String	5	Start ID for Gazetteer (only appears once in the file)
RD2	ReamusID	String	6	Standard location ID codes
RD3	Location Name	String	35	Name of the location.
RD4	Opunit	String	6	Value for AD record 8.3 Opunit in the transmission file
RD5	CountryCode	String	2	Value for AD record 8.2 Country code in the transmission file
RD6	Location ID	String	7	IGNORE

This record type will have the following field types available for selection:

1. GAZETTEER_ID
2. REAMUSID
3. LOCATION_NAME
4. OPUNIT
5. COUNTRY_CODE
6. LOCATION_ID

For example:

102||||

11|NEWCASTLE|11|GB|

078016|BELFAST HUB|078016|GB|

102||||

The first and last lines are the ?Gazetteer ID? and will be processed separately by the import process.

The following item will be validated that it exists in C-TMS:

- COUNTRY_CODE

A new database table called ?GAZ_YODEL_REAMUSID will be created to store the information uploaded for the ?REAMUSID? record type:

NAME	TYPE	NULLABLE
GAZETTEER_ID	VARCHAR2(5)	N
REAMUSID	VARCHAR2(6)	N
LOCATION_NAME	VARCHAR2(50)	N
OPUNIT	VARCHAR2(6)	N
COUNTRY_CODE	VARCHAR2(3)	N
LOCATION_ID	VARCHAR2(7)	Y
CREATED_DATE	DATE	N
CREATED_BY	VARCHAR2(40)	N

A unique primary key constraint will be created for the following columns:

- GAZETTEER_ID
- COUNTRY_CODE
- REAMUSID

4.9.1.8 Services

A new import type of ?GAZ_YODEL_SERVICES? will be introduced for the ?Import Maintenance? screen.

The fields in the files to be uploaded will be of fixed length.

The file contains the following fixed-length items:

REF	NAME	TYPE	SIZE	DESCRIPTION
1	Service_ID	String	3	
2	Service_Description	String	45	
3	Product_Line_1	String	15	
3	Product_Line_2	String	35	
5	Product_Code	String	2	
6	Date_Code	String	2	
7	Day_Text	String	1	
8	Time_Code	String	1	
9	Time_Text	String	1	
10	Handling_Feature_Text	String	10	
11	Feature_ID	String	3	
12	Feature_Code	String	2	
13	File_Type	String	3	
14	Con_Flag	String	1	
15	DS_Flag	String	1	
16	Filler	String	254	

This record type will have the following field types available for selection:

1. SERVICE_ID
2. SERVICE_DESC
3. PRODUCT_LINE_1
4. PRODUCT_LINE_2
5. PRODUCT_CODE
6. DATE_CODE
7. DAY_TEXT
8. TIME_CODE
9. TIME_TEXT
10. HANDLING_FEATURE_TEXT
11. FEATURE_ID
12. FEATURE_CODE
13. FILE_TYPE
14. CON_FLAG
15. DS_FLAG
16. FILLER

For example:

```
10 Omega 12 Next Day                              EUROPACK UK    By 12.00
Noon                        0100 33NOON      00101UKDM
20 Standard Next Day                              EUROPACK UK    Next Day
0100 0 STD       00202UKDM
450GRN Next Day                                   EUROPACK UK
Consignee Receipt Rqd. - STD       0100 0 GRN       08888UKDM
```

A new database table called ?GAZ_YODEL_SERVICES? will be created to store the information uploaded for the ?GAZ_YODEL_SERVICES? record type:

NAME	TYPE	NULLABLE
GAZETTEER_ID	VARCHAR2(5)	N
SERVICE_ID	VARCHAR2(3)	N
SERVICE_DESC	VARCHAR2(45)	N
PRODUCT_LINE_1	VARCHAR2(15)	N
PRODUCT_LINE_2	VARCHAR2(35)	N
PRODUCT_CODE	VARCHAR2(2)	N
DATE_CODE	VARCHAR2(2)	N
DAY_TEXT	VARCHAR2(1)	N
TIME_CODE	VARCHAR2(1)	N
TIME_TEXT	VARCHAR2(1)	N
HANDLING_FEATURE_TEXT	VARCHAR2(10)	N
FEATURE_ID	VARCHAR2(3)	N
FEATURE_CODE	VARCHAR2(2)	N
FILE_TYPE	VARCHAR2(3)	N
CON_FLAG	VARCHAR2(1)	N
DS_FLAG	VARCHAR2(1)	Y
FILLER	VARCHAR2(254)	Y
CREATED_DATE	DATE	N
CREATED_BY	VARCHAR2(40)	N

A unique primary key constraint will be created for the following columns:

- GAZETTEER_ID
- SERVICE_ID

4.9.1.9 Feature

A new import type of ?GAZ_YODEL_FEATURE? will be introduced for the ?Import Maintenance? screen.

The fields in the files to be uploaded will be of fixed length.

The file contains the following fixed-length items:

REF	NAME	TYPE	SIZE	DESCRIPTION
1	Feature ID	String	3	Key Field
2	No Feature	String	3	Use for last 3 digits of routing barcode after the '+'.
3	Customs Clearance	String	3	Use for last 3 digits of routing barcode after the '+'.
3	Cash On Delivery	String	3	Use for last 3 digits of routing barcode after the '+'.
5	Ex-works	String	3	Use for last 3 digits of routing barcode after the '+'.
6	FOR FUTURE USE1	String	3	For Future Use
7	FOR FUTURE USE2	String	3	For Future Use
8	FOR FUTURE USE3	String	3	For Future Use
9	FOR FUTURE USE4	String	3	For Future Use
10	FOR FUTURE USE5	String	3	For Future Use
11	FOR FUTURE USE6	String	3	For Future Use
12	FOR FUTURE USE7	String	3	For Future Use
13	No Fixed Day	String	2	3 to 4 digits for routing barcode after the '+'
14	Fixed day 01	String	2	3 to 4 digits for routing barcode after the '+'
15	Fixed day 02	String	2	3 to 4 digits for routing barcode after the '+'
16	Fixed day 03	String	2	3 to 4 digits for routing barcode after the '+'
17	Fixed day 04	String	2	3 to 4 digits for routing barcode after the '+'
18	Fixed day 05	String	2	3 to 4 digits for routing barcode after the '+'
19	Fixed day 06	String	2	3 to 4 digits for routing barcode after the '+'
20	Fixed day 07	String	2	3 to 4 digits for routing barcode after the '+'
21	Fixed day 08	String	2	3 to 4 digits for routing barcode after the '+'
22	Fixed day 09	String	2	3 to 4 digits for routing barcode after the '+'
23	Fixed day 10	String	2	3 to 4 digits for routing barcode after the '+'
24	Fixed day 11	String	2	3 to 4 digits for routing barcode after the '+'
25	Fixed day 12	String	2	3 to 4 digits for routing barcode after the '+'
26	Fixed day 13	String	2	3 to 4 digits for routing barcode after the '+'
27	Fixed day 14	String	2	3 to 4 digits for routing barcode after the '+'
28	Fixed day 15	String	2	3 to 4 digits for routing barcode after the '+'
29	Fixed day 16	String	2	3 to 4 digits for routing barcode after the '+'
30	Fixed day 17	String	2	3 to 4 digits for routing barcode after the '+'
31	Fixed day 18	String	2	3 to 4 digits for routing barcode after the '+'
32	Fixed day 19	String	2	3 to 4 digits for routing barcode after the '+'
33	Fixed day 20	String	2	3 to 4 digits for routing barcode after the '+'
34	Fixed day 21	String	2	3 to 4 digits for routing barcode after the '+'
35	Fixed day 22	String	2	3 to 4 digits for routing barcode after the '+'
36	Fixed day 23	String	2	3 to 4 digits for routing barcode after the '+'
37	Fixed day 24	String	2	3 to 4 digits for routing barcode after the '+'
38	Fixed day 25	String	2	3 to 4 digits for routing barcode after the '+'
39	Fixed day 26	String	2	3 to 4 digits for routing barcode after the '+'
40	Fixed day 27	String	2	3 to 4 digits for routing barcode after the '+'
41	Fixed day 28	String	2	3 to 4 digits for routing barcode after the '+'
42	Fixed day 29	String	2	3 to 4 digits for routing barcode after the '+'
43	Fixed day 30	String	2	3 to 4 digits for routing barcode after the '+'
44	Fixed day 31	String	2	3 to 4 digits for routing barcode after the '+'
45	Filler	String	255	For Future Use

This record type will have the following field types available for selection:

1. FEATURE_ID
2. NO_FEATURE
3. CUSTOMS_CLEAR
4. CASH_ON_DEL
5. EX_WORKS
6. FUTURE_USE_1
7. FUTURE_USE_2
8. FUTURE_USE_3
9. FUTURE_USE_4
10. FUTURE_USE_5
11. FUTURE_USE_6
12. FUTURE_USE_7
13. NO_FIXED_DAY

14. FIXED_DAY_01
15. FIXED_DAY_02
16. FIXED_DAY_03
17. FIXED_DAY_04
18. FIXED_DAY_05
19. FIXED_DAY_06
20. FIXED_DAY_07
21. FIXED_DAY_08
22. FIXED_DAY_09
23. FIXED_DAY_10
24. FIXED_DAY_11
25. FIXED_DAY_12
26. FIXED_DAY_13
27. FIXED_DAY_14
28. FIXED_DAY_15
29. FIXED_DAY_16
30. FIXED_DAY_17
31. FIXED_DAY_18
32. FIXED_DAY_19
33. FIXED_DAY_20
34. FIXED_DAY_21
35. FIXED_DAY_22
36. FIXED_DAY_23
37. FIXED_DAY_24
38. FIXED_DAY_25
39. FIXED_DAY_26
40. FIXED_DAY_27
41. FIXED_DAY_28
42. FIXED_DAY_29
43. FIXED_DAY_30
44. FIXED_DAY_31
45. FILLER

A new database table called ?GAZ_YODEL_FEATURE? will be created to store the information uploaded for the ?GAZ_YODEL_FEATURE? record type:

NAME	TYPE	NULLABLE
GAZETTEER_ID	VARCHAR2(5)	N
FEATURE_ID	VARCHAR2(3)	N
NO_FEATURE	VARCHAR2(3)	N
CUSTOMS_CLEAR	VARCHAR2(3)	N
CASH_ON_DEL	VARCHAR2(3)	N
EX_WORKS	VARCHAR2(3)	N
FUTURE_USE_1	VARCHAR2(3)	N
FUTURE_USE_2	VARCHAR2(3)	N
FUTURE_USE_3	VARCHAR2(3)	N
FUTURE_USE_4	VARCHAR2(3)	N
FUTURE_USE_5	VARCHAR2(3)	N
FUTURE_USE_6	VARCHAR2(3)	N
FUTURE_USE_7	VARCHAR2(3)	N
NO_FIXED_DAY	VARCHAR2(2)	N
FIXED_DAY_01	VARCHAR2(2)	N
FIXED_DAY_02	VARCHAR2(2)	N
FIXED_DAY_03	VARCHAR2(2)	N
FIXED_DAY_04	VARCHAR2(2)	N
FIXED_DAY_05	VARCHAR2(2)	N
FIXED_DAY_06	VARCHAR2(2)	N
FIXED_DAY_07	VARCHAR2(2)	N
FIXED_DAY_08	VARCHAR2(2)	N
FIXED_DAY_09	VARCHAR2(2)	N
FIXED_DAY_10	VARCHAR2(2)	N
FIXED_DAY_11	VARCHAR2(2)	N
FIXED_DAY_12	VARCHAR2(2)	N
FIXED_DAY_13	VARCHAR2(2)	N
FIXED_DAY_14	VARCHAR2(2)	N
FIXED_DAY_15	VARCHAR2(2)	N
FIXED_DAY_16	VARCHAR2(2)	N
FIXED_DAY_17	VARCHAR2(2)	N
FIXED_DAY_18	VARCHAR2(2)	N
FIXED_DAY_19	VARCHAR2(2)	N
FIXED_DAY_20	VARCHAR2(2)	N
FIXED_DAY_21	VARCHAR2(2)	N
FIXED_DAY_22	VARCHAR2(2)	N
FIXED_DAY_23	VARCHAR2(2)	N
FIXED_DAY_24	VARCHAR2(2)	N
FIXED_DAY_25	VARCHAR2(2)	N
FIXED_DAY_26	VARCHAR2(2)	N
FIXED_DAY_27	VARCHAR2(2)	N
FIXED_DAY_28	VARCHAR2(2)	N
FIXED_DAY_29	VARCHAR2(2)	N
FIXED_DAY_30	VARCHAR2(2)	N
FIXED_DAY_31	VARCHAR2(2)	N
FILLER	VARCHAR2(255)	Y
CREATED_DATE	DATE	N
CREATED_BY	VARCHAR2(40)	N

A unique primary key constraint will be created for the following columns:

- GAZETTER_ID
- FEATURE_ID

4.9.1.10 Handling

A new import type of ?GAZ_YODEL_HANDLING? will be introduced for the ?Import Maintenance? screen.

The fields in the files to be uploaded will be of fixed length.

The file contains the following fixed-length items:

REF	NAME	TYPE	SIZE	DESCRIPTION
1	Feature ID	String	3	The last 3 digits for routing barcode after the '+'
2	Feature	String	35	Feature Description
3	Handling Text	String	10	Text on the label
4	CF Code	String	3	Code for CF Record in the Transmission file
5	CB Required	String	1	Y/N flag to indicate if a CB record is required
6	Filler	String	255	For Future Use

This record type will have the following field types available for selection:

1. FEATURE_ID
2. FEATURE_DESC
3. HANDLING_TEXT
4. CF_CODE
5. CB_REQ

For example:

```
000No Feature                                  N
001Customs Clearance                C          104Y
002Cash On Delivery                 C.O.D.     100Y
004Ex-works                         ExW        103Y
```

A new database table called ?GAZ_YODEL_HANDLING? will be created to store the information uploaded for the ?GAZ_YODEL_HANDLING? record type:

NAME	TYPE	NULLABLE
GAZETTEER_ID	VARCHAR2(5)	N
FEATURE_ID	VARCHAR2(3)	N
FEATURE_DESC	VARCHAR2(35)	N
HANDLING_TEXT	VARCHAR2(10)	N
CF_CODE	VARCHAR2(3)	Y
CB_REQ	VARCHAR2(1)	N
FILLER	VARCHAR2(255)	Y
CREATED_DATE	DATE	N
CREATED_BY	VARCHAR2(40)	N

A unique primary key constraint will be created for the following columns:

- GAZETTEER_ID
- FEATURE_ID

4.9.1.11 Country

A new import type of ?GAZ_YODEL_COUNTRY? will be introduced for the ?Import Maintenance? screen.

The fields in the files to be uploaded will be of fixed length.

The file contains the following fixed-length items:

REF	NAME	TYPE	SIZE	DESCRIPTION
1	Country ID	String	2	2 Digit Country Code
2	Country Code	String	3	3 Digit Country Code
3	Invalid Features	String	4	Sum of Invalid Feature Combinations
3	No Time Code	String	1	
5	No Time Code txt	String	1	Time code text. Note: Space filled
6	0900 Time Code	String	1	Time Not available if 'X' else value for 5th digit for routing
7	0900 Time Code txt	String	1	Time code text.
8	1000 Time Code	String	1	Time Not available if 'X' else value for 5th digit for routing
9	1000 Time Code txt	String	1	Time code text.
10	1200 Time Code	String	1	Time Not available if 'X' else value for 5th digit for routing
11	1200 Time Code txt	String	1	Time code text.
12	1700 Time Code	String	1	Time Not available if 'X' else value for 5th digit for routing
13	1700 Time Code txt	String	1	Time code text.
14	2100 Time Code	String	1	Time Not available if 'X' else value for 5th digit for routing
15	2100 Time Code txt	String	1	Time code text.
16	Time Code 6	String	1	Time Not available if 'X' else value for 5th digit for routing
17	Time Code 6 txt	String	1	Time code text.
18	Time Code 7	String	1	Time Not available if 'X' else value for 5th digit for routing
19	Time Code 7 txt	String	1	Time code text.
20	Time Code 8	String	1	Time Not available if 'X' else value for 5th digit for routing
21	Time Code 8 txt	String	1	Time code text.
22	Time Code 9	String	1	Time Not available if 'X' else value for 5th digit for routing
23	Time Code 9 txt	String	1	Time code text.
24	Product 01	String	1	Product Not available if 'X'
25	Product 02	String	1	Product Not available if 'X'
26	Product 03	String	1	Product Not available if 'X'
27	Product 04	String	1	Product Not available if 'X'
28	Product 05…99	String	95	Product Not available if 'X' 34-99 not shown in this table
29	Filler	String	255	For Future Use

This record type will have the following field types available for selection:

1. COUNTRY_ID
2. COUNTRY_CODE

3. INVALID_FEATURES
4. NO_TIME_CODE
5. NO_TIME_CODE_TEXT
6. 0900_TIME_CODE
7. 0900_TIME_CODE_TEXT
8. 1000_TIME_CODE
9. 1000_TIME_CODE_TEXT
10. 1200_TIME_CODE
11. 1200_TIME_CODE_TEXT
12. 1700_TIME_CODE
13. 1700_TIME_CODE_TEXT
14. 2100_TIME_CODE
15. 2100_TIME_CODE_TEXT
16. TIME_CODE_6
17. TIME_CODE_6_TEXT
18. TIME_CODE_7
19. TIME_CODE_7_TEXT
20. TIME_CODE_8
21. TIME_CODE_8_TEXT
22. TIME_CODE_9
23. TIME_CODE_9_TEXT
24. PRODUCT_01
25. PRODUCT_02
26. PRODUCT_03
27. PRODUCT_04
28. PRODUCT_05
29. ...
30. PRODUCT_99
31. FILLER

A new database table called ?GAZ_YODEL_COUNTRY? will be created to store the information uploaded for the ?GAZ_YODEL_COUNTRY? record type:

NAME	TYPE	NULLABLE
GAZETTEER_ID	VARCHAR2(5)	N
COUNTRY_ID	VARCHAR2(2)	N
COUNTRY_CODE	VARCHAR2(3)	N
INVALID_FEATURES	VARCHAR2(4)	N
NO_TIME_CODE	VARCHAR2(1)	N
NO_TIME_CODE_TEXT	VARCHAR2(1)	Y
0900_TIME_CODE	VARCHAR2(1)	N
0900_TIME_CODE_TEXT	VARCHAR2(1)	Y
1000_TIME_CODE	VARCHAR2(1)	N
1000_TIME_CODE_TEXT	VARCHAR2(1)	Y
1200_TIME_CODE	VARCHAR2(1)	N
1200_TIME_CODE_TEXT	VARCHAR2(1)	Y
1700_TIME_CODE	VARCHAR2(1)	N
1700_TIME_CODE_TEXT	VARCHAR2(1)	Y
2100_TIME_CODE	VARCHAR2(1)	N
2100_TIME_CODE_TEXT	VARCHAR2(1)	Y
TIME_CODE_6	VARCHAR2(1)	N
TIME_CODE_6_TEXT	VARCHAR2(1)	Y
TIME_CODE_7	VARCHAR2(1)	N
TIME_CODE_7_TEXT	VARCHAR2(1)	Y
TIME_CODE_8	VARCHAR2(1)	N
TIME_CODE_8_TEXT	VARCHAR2(1)	Y
TIME_CODE_9	VARCHAR2(1)	N
TIME_CODE_9_TEXT	VARCHAR2(1)	Y
PRODUCT_01	VARCHAR2(1)	N
PRODUCT_02	VARCHAR2(1)	N
PRODUCT_03	VARCHAR2(1)	N
PRODUCT_04	VARCHAR2(1)	N
PRODUCT_05	VARCHAR2(1)	N
...		
PRODUCT_99	VARCHAR2(1)	N
FILLER	VARCHAR2(255)	Y
CREATED_DATE	DATE	N
CREATED_BY	VARCHAR2(40)	N

A unique primary key constraint will be created for the following columns:

- GAZETTEER_ID
- COUNTRY_ID

4.9.1.12 CONFRDES

A new import type of ?GAZ_YODEL_CONFRDES? will be introduced for the ?Import Maintenance? screen.

The fields in the files to be uploaded will be of fixed length.

The file contains the following fixed-length items:

REF	NAME	TYPE	SIZE	DESCRIPTION
1	Freight Code	String	2	Code for the PA record field (DHL Freight only)
2	Freight Description	String	20	The list by which the customer will select the type of freight before the shipment can be processed

This record type will have the following field types available for selection:

1. FREIGHT_CODE
2. FREIGHT_DESC

For example:

PAPALLETS

PCPARCELS

CACARTONS

ROROLLS

BOBOXES

DRDRUMS

CRCRATES

SBSACKS/BAGS

MBMAIL/DOCUMENT BAG

RECABLE REELS

CSCASES

JBJIFFY BAGS

ENENVELOPES

STSTILLAGE

BABALES

OTOTHER FREIGHT

A new database table called ?GAZ_YODEL_FREIGHT? will be created to store the information uploaded for the ?GAZ_YODEL_CONFRDES? record type:

NAME	TYPE	NULLABLE
GAZETTEER_ID	VARCHAR2(5)	N
FREIGHT_CODE	VARCHAR2(2)	N
FREIGHT_DESC	VARCHAR2(20)	N

A unique primary key constraint will be created for the following columns:

- GAZETTEER_ID
- FREIGHT_CODE

4.9.2 Imports - DHL ESD

A new import type of ?GAZ_DHL_ESD? will be introduced for the ?Import Maintenance? screen.

The fields in the files to be uploaded will be delimited using a pipe (i.e. ?|?).

The file contains the following delimited items:

REF	NAME	TYPE	SIZE	DESCRIPTION
1	Country Code	String	2	Country Code
2	Country Name	String	50	Country Name
3	Blank	String		
4	Blank	String		
5	Town	String	50	Postal District
6	Sortation Hub	String	3	Sortation Hub Location
7	From Postcode	String	12	Postcode
8	To Postcode	String	12	Postcode

This record type will have the following field types available for selection:

1. COUNTRY_CODE
2. COUNTRY_NAME
3. TOWN
4. BLANK1
5. BLANK2
6. SORTATION_HUB
7. FROM_POSTCODE
8. TO_POSTCODE

For example:

GB|UNITED KINGDOM|||BARKING|LCY|IG11|IG11|

GB|UNITED KINGDOM|||BARKING GT LON|LCY|IG11|IG11|

GB|UNITED KINGDOM|||BARKINGSIDE|LGW|IG6|IG6|

GB|UNITED KINGDOM|||BUCKHURST HILL|LGW|IG9|IG9|

GB|UNITED KINGDOM|||CHIGWELL|LGW|IG7|IG7|

GB|UNITED KINGDOM|||CHIGWELL ROW|LGW|IG7|IG7|

GB|UNITED KINGDOM|||CLAYHALL|LGW|IG5|IG5|

GB|UNITED KINGDOM|||CREEKMOUTH|LCY|IG11|IG11|

GB|UNITED KINGDOM|||DEBDEN ESSEX|LGW|IG10|IG10|

GB|UNITED KINGDOM|||GRANGE HILL|LGW|IG7|IG7

GB|UNITED KINGDOM|||HAINAULT|LGW|IG6|IG6|

GB|UNITED KINGDOM|||HIGH BEACH|LGW|IG10|IG10|

GB|UNITED KINGDOM|||ILFORD|LCY|IG1|IG1|

GB|UNITED KINGDOM|||ILFORD|LCY|IG2|IG2|

GB|UNITED KINGDOM|||ILFORD|LCY|IG3|IG3|

GB|UNITED KINGDOM|||ILFORD|LGW|IG4|IG4|

GB|UNITED KINGDOM|||ILFORD|LGW|IG6|IG6|

GB|UNITED KINGDOM|||ILFORD GT LON|LCY|IG1|IG1|

GB|UNITED KINGDOM|||LOUGHTON|LGW|IG10|IG10|

GB|UNITED KINGDOM|||LOUGHTON ESSEX|LGW|IG10|IG10|

GB|UNITED KINGDOM|||SEVEN KINGS|LCY|IG3|IG3|

GB|UNITED KINGDOM|||WOODFORD BRIDGE|LGW|IG8|IG8|

GB|UNITED KINGDOM|||WOODFORD GREEN|LGW|IG8|IG8|

GB|UNITED KINGDOM|||WOODFORD GT LON|LGW|IG8|IG8|

GB|UNITED KINGDOM|||WOODFORD WELLS|LGW|IG8|IG8|

4.9.3 Imports - Movianto

A new import type of ?GAZ_MOVIANTO? will be introduced for the ?Import Maintenance? screen.

The fields in the files to be uploaded will be delimited using a pipe (i.e. ?|?).

The file contains the following fixed-length items:

REF	NAME	TYPE	SIZE	DESCRIPTION
1	Postcode	String	12	Postcode
2	Area	String	50	Area
3	Depot	String	50	Depot Name
4	Depot Label	String	2	Depot Code
5	New Ambient Service Level	String	12	Service Level
6	New Chill Service Level	String	12	Service Level

This record type will have the following field types available for selection:

- POSTCODE
- AREA
- DEPOT
- DEPOT_LABEL
- AMBIENT_SERVICE_LEVEL
- CHILL_SERVICE_LEVEL

For example:

HU|HULL|YORK|YO|2409|2409CC

HX|HALIFAX|YORK|YO|2409|2409CC

HX5|HALIFAX|YORK|YO|241030|241030CC

HX6|HALIFAX|YORK|YO|241030|241030CC

HX7|HALIFAX|YORK|YO|241030|241030CC

IG|ILFORD|CAMBRIDGE|CB|2409|2409CC

4.9.4 Imports - Polarspeed

A new import type of ?GAZ_POLARSPEED? will be introduced for the ?Import Maintenance? screen.

The fields in the files to be uploaded will be delimited using a pipe (i.e. ?|?).

The file contains the following fixed-length items:

REF	NAME	TYPE	SIZE	DESCRIPTION
1	Postcode	String	12	Postcode
2	Depot	String	3	Depot Code
3	Route Number	String	3	Route Number
4	Drop Sequence	String	3	Drop Sequence
5	Direction	String	1	North or South
6	Earliest Delivery Time	String	5	Earliest Delivery Time
7	Sunday	String	1	Day Flag
8	Monday	String	1	Day Flag
9	Tuesday	String	1	Day Flag
10	Wednesday	String	1	Day Flag
11	Thursday	String	1	Day Flag
12	Friday	String	1	Day Flag
13	Saturday	String	1	Day Flag

This record type will have the following field types available for selection:

- POSTCODE
- DEPOT
- ROUTE_NO
- DROP_SEQ
- DIRECTION
- EARLIEST_DEL_TIME
- SUNDAY
- MONDAY
- TUESDAY
- WEDNESDAY
- THURSDAY
- FRIDAY
- SATURDAY

For example:

IG1|LON|780|23|S|0900|N|Y|Y|Y|Y|Y|N

IG2|LON|780|24|S|0900|N|Y|Y|Y|Y|Y|N

IG3|LBZ|700|16|S|0900|N|Y|Y|Y|Y|Y|N

IG5 0EB|LON|780|1|S|0700|N|Y|Y|Y|Y|Y|N

IM|DHL|2|1|S|0830|N|N|N|N|N|N|N

4.9.5 Triggers

Database triggers will exist for each parcel carrier gazetteer table to populate the created date and user when inserting a record and the updated date and user when changing a record.

4.9.6 Maintenance

The information uploaded for the ?Yodel? carrier gazetteer will not be visible in C-TMS because there is not a single record to maintain due to the upload of several files to form the gazetteer.

There will be a new tab page called ?Carrier Routing? in the ?Resource Maintenance? screen: this new tab page will contain a single table for all of the carriers (except Yodel).

The different versions of the gazetteer/routing codes can be activated separately.

4.10 Electronic Parcel Carrier Manifests

4.10.1 Format

The ?TripOrder? XML format will be used and it will include all available items required for the different formats.

The electronic parcel carrier manifests will be generated when the trip is updated to status ?EN-ROUTE? and all manifests will be produced in the same ?{CARRIER_ID}_{TRIP_ID}_EN_ROUTE_{SEQ}.XML? filename format.

N.B. The XML file will only be generated if it contains a delivery and is not solely for trunking between depots.

A database sequence number will be created for the electronic carrier manifests and will be a count of the files produced.

The sequence number will be 5 digits and will restart when the range is full.

The actual parcel carrier manifest will be produced by DHL Link from the XML file sent from C-TMS.

4.10.2 Trigger

The electronic and physical parcel carrier manifests will be produced by a database trigger when the status of the trip is updated to ?EN-ROUTE?.

The same trigger will be used to print the physical manifests to the user?s default printer and produce the despatch confirmation message.

The order of processing will be:

1. Physical Manifest
2. Electronic Manifest
3. Despatch Confirmation Message

The ?TIU_TRIP_STATUS? database trigger will be changed to perform the new functionality.

4.10.3 Production

The XML file will be produced via a database job using a new procedure ?INT_XML_OUT2.PROCESS_XML_MANIFEST?.

The physical manifests will be produced using a new procedure ?DP_REPORTS.P_RUN_MANIFEST_REPORT?.

4.10.4 Transmission

The electronic parcel carrier manifests will be sent to DHL Link via FTP.

The directory structure and login details for DHL Link will be maintained in the new system parameters specifically for the electronic manifest.

For example:

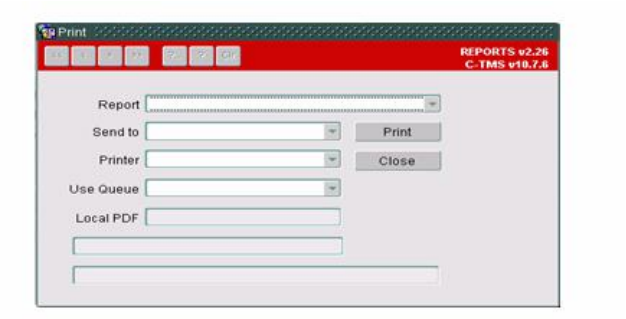
- CTMS_MANF_FTP_DESTINATION_DIRECTORY
- CTMS_MANF_FTP_DESTINATION_IP_ADDRESS
- CTMS_MANF_FTP_DESTINATION_PASSWORD
- CTMS_MANF_FTP_DESTINATION_USERNAME
- CTMS_MANF_FTP_DESTINATION_PORT

4.11 Parcel Carrier Manifests

Each of the parcel carriers will have their own format of the manifest and a new report will be developed in each format.

N.B. The physical parcel carrier manifests will be produced when the status of the trip is updated to ?EN-ROUTE? with the reports sent to the user?s default printer setup in C-TMS for the process.

The ?Reports? screen can also be used to produce the manifests to the appropriate output device as selected by the user:



The manifests are expected to be produced for the parcel carriers in the following formats:

- DHL Express
- Yodel
- Movianto
- Standard1
- Standard2

The same parameters will be used for each of the manifests:

- Start Date
- End Date
- Trip ID (optional)
- Carrier ID (optional)

The ?Start Date? and the ?End Date? will be validated to ensure that they exist and that the ?Start Date? is not later than the ?End Date? of the range.

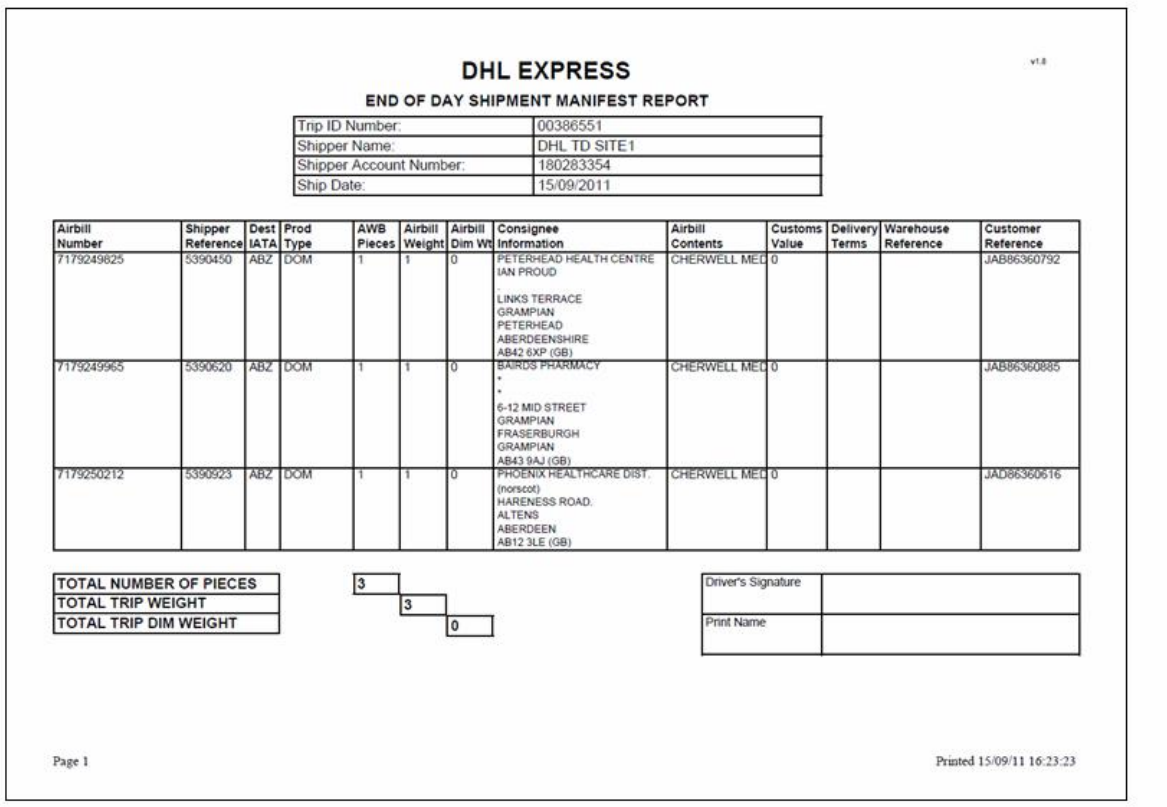
The manifests will require the following names to be created:

Report Name	Filename
Carrier Manifest (Yodel)	CARRIER_MANIFEST_YODEL.rep
Carrier Manifest (DHL Express)	CARRIER_MANIFEST_DHLEXP.rep
Carrier Manifest (Movianto)	CARRIER_MANIFEST_MOV.rep
Carrier Manifest (Standard1)	CARRIER_MANIFEST_STD1.rep
Carrier Manifest (Standard2)	CARRIER_MANIFEST_STD2.rep

Each report will be created as an Oracle ?PDF? report.

4.11.1 Carrier Manifest (DHL Express)

An example of the physical manifest format is below:



DHL EXPRESS

v1.8

END OF DAY SHIPMENT MANIFEST REPORT

Trip ID Number:	00386551
Shipper Name:	DHL TD SITE1
Shipper Account Number:	180283354
Ship Date:	15/09/2011

Airbill Number	Shipper Reference	Dest IATA	Prod Type	AWB Pieces	Airbill Weight	Airbill Dim Wt	Consignee Information	Airbill Contents	Customs Value	Delivery Terms	Warehouse Reference	Customer Reference
7179249825	5390450	ABZ	DOM	1	1	0	PETERHEAD HEALTH CENTRE IAN PROUD . LINKS TERRACE GRAMPIAN PETERHEAD ABERDEENSHIRE AB42 6XP (GB)	CHERWELL MED	0			JAB86360792
7179249965	5390620	ABZ	DOM	1	1	0	BAIRDS PHARMACY * * 6-12 MID STREET GRAMPIAN FRASERBURGH GRAMPIAN AB43 9AJ (GB)	CHERWELL MED	0			JAB86360885
7179250212	5390923	ABZ	DOM	1	1	0	PHOENIX HEALTHCARE DIST. (norscot) HARENESS ROAD. ALTENS ABERDEEN AB12 3LE (GB)	CHERWELL MED	0			JAD86360616

TOTAL NUMBER OF PIECES	3
TOTAL TRIP WEIGHT	3
TOTAL TRIP DIM WEIGHT	0

Driver's Signature	
Print Name	

Page 1

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A new page will be started for each different account number with associated header and detail information.

The footing information should be displayed on the final page only for the account number (which may be per combination of trip carrier/order customer/trip despatching depot).

Only the shipment number will be displayed on the manifest if both DU and Shipment tracking ranges are used for the packages.

The physical manifest will contain the following information, for example:

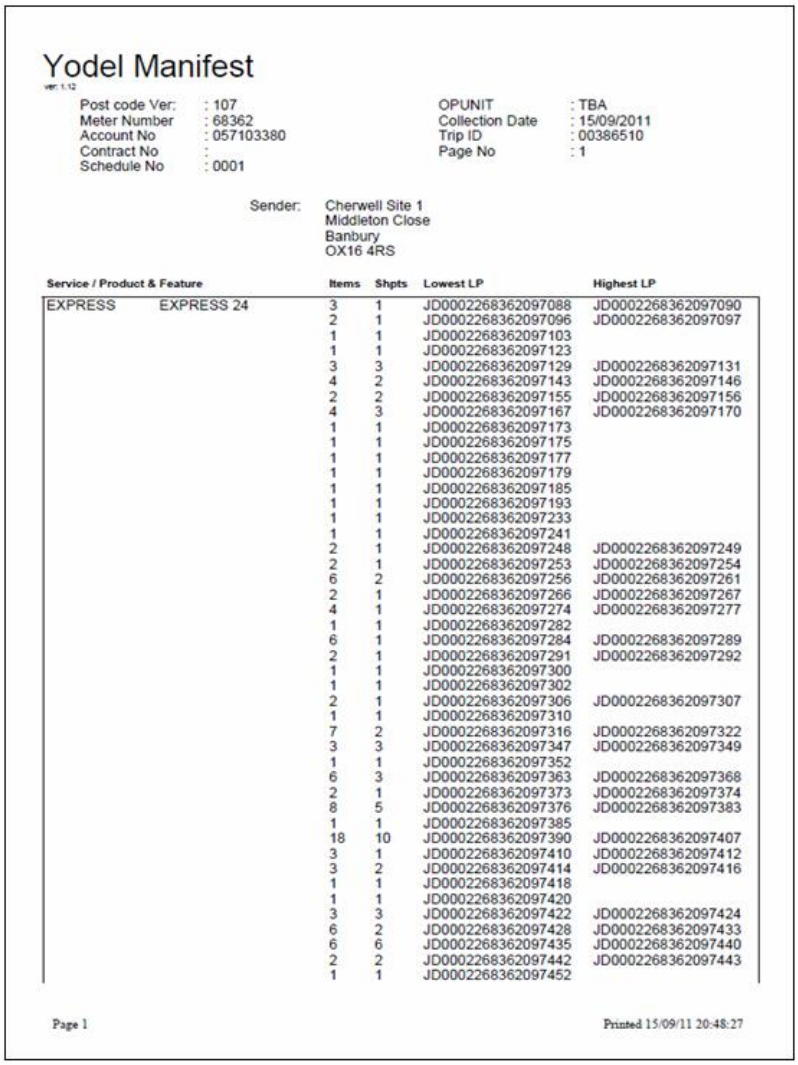
	Example	Database Item	Notes
1	DHL EXPRESS		Text
2	END OF DAY SHIPMENT MANIFEST REPORT		Text
3	Trip ID Number:		Text
4	00386551	SCH_TRIP.TRIP_ID	
5	Shipper Name:		Text
6	DHL TD SITE1	RES_CARRIER.CARRIER_NAME	
7	Shipper Account Number:		Text
8	180283354	RES_CARRIER_CONFIG.ACCOUNT_NUMBER	
9	Ship Date:		Text
10	15/09/2011	SCH_TRIP_STOP.ARRIVE	
11	Airbill Number		Text
12	7179249825	SCH_ORD_TRACKING.TRACKING_REF	
13	Shipper Reference		Text
14	5390450	SCH_ORD.SHIPMENT_ID	
15	Dest IATA		Text
16	ABZ	RES_CARRIER_ROUTING.SORTATION_HUB	
17	Prod Type		Text
18	DOM	RES_CARRIER_SERVICES.SERVICE_TYPE	
19	AWB Pieces		Text
20	1	SCH_ORD.TOTAL_PIECES	
21	Airbill Weight		Text
22	1	SCH_ORD.TOTAL_WEIGHT	
23	Airbill Dim Wt		Text
24	0	Calculated	
25	Consignee Information		Text
26	PETERHEAD HEALTH CENTRE	GEO_LOCATION.LOCATION_NAME	
27	IAN PROUD	GEO_CONTACT.FORENAME + ' ' + GEO_CONTACT.SURNAME	
28	.	GEO_LOCATION.ADDRESS_LINE1	
29	LINKS TERRACE	GEO_LOCATION.ADDRESS_LINE2	
30	GRAMPIAN	GEO_LOCATION.ADDRESS_LINE3	
31	PETERHEAD	GEO_LOCATION.TOWN	
32	ABERDEENSHIRE	GEO_LOCATION.COUNTY	
33	AB42 6XP	GEO_LOCATION.POSTCODE	
34	(GB)	GEO_LOCATION.COUNTRY_CODE	
35	Airbill Contents		Text
36	CHERWELL MEDICAL SUPPLIES	SCH_ORDER_LINE.PRODUCT_TYPE	
37	Customs Value		Text
38	0	'0'	
39	Delivery Terms		Text
40	Blank	Blank	
41	Warehouse Reference		Text
42	Blank	SCH_ORD.EXTERNAL_REF	
43	Customer Reference		Text
44	JAB86360792	SCH_ORD.DEL_POINT_REF	
45	TOTAL NUMBER OF PIECES		Text
46	3	Subtotal	
47	TOTAL TRIP WEIGHT		Text
48	3	Subtotal	
49	TOTAL TRIP DIM WEIGHT		Text
50	0	Subtotal	
51	Driver's Signature		Text
52	Blank	Blank	
53	Print Name		Text
54	Blank	Blank	
55	Page		Text
56	1	Count	
57	Printed		Text
58	15/09/11 16:23:23	SYSTIME	

Items 11-44 are repeated for each of the shipments on the trip.

- ?Shipper Name? is the name of the carrier of the trip.
- ?Ship Date? is the despatching date of the trip from the depot.
- ?Airbill Number? is the tracking number of the shipment (or unconsolidated transport order).
- ?Shipper Reference? is the unique shipment ID generated for the shipment (or unconsolidated transport order).
- ?Dest IATA? is the sortation hub for the delivery location.
- ?Prod Type? is the service level code mapped for the carrier.
- ?AWB Pieces?, ?Airbill Weight? and ?Airbill Dim Wgt? are for the shipment (or unconsolidated transport order).
- ?Airbill Dim Wgt? is calculated from the volumetric factor information stored in the ?Carrier Maintenance? screen.
- ?Airbill Contents? is the description of the product type.
- ?Warehouse Reference? is the customer reference of the unconsolidated transport order or a transport order in the shipment.
- ?Customer Reference? is the delivery point reference of the unconsolidated transport order or a transport order in the shipment.

4.11.2 Carrier Manifest (Yodel)

An example of the physical manifest format is below:



Yodel Manifest

ver: 1.12

Post code Ver: : 107
Meter Number : 68362
Account No : 057103380
Contract No :
Schedule No : 0001

OPUNIT : TBA
Collection Date : 15/09/2011
Trip ID : 00386510
Page No : 1

Sender: Cherwell Site 1
Middleton Close
Banbury
OX16 4RS

Service / Product & Feature		Items	Shpts	Lowest LP	Highest LP
EXPRESS	EXPRESS 24	3	1	JD0002268362097088	JD0002268362097090
		2	1	JD0002268362097096	JD0002268362097097
		1	1	JD0002268362097103	
		1	1	JD0002268362097123	
		3	3	JD0002268362097129	JD0002268362097131
		4	2	JD0002268362097143	JD0002268362097146
		2	2	JD0002268362097155	JD0002268362097156
		4	3	JD0002268362097167	JD0002268362097170
		1	1	JD0002268362097173	
		1	1	JD0002268362097175	
		1	1	JD0002268362097177	
		1	1	JD0002268362097179	
		1	1	JD0002268362097185	
		1	1	JD0002268362097193	
		1	1	JD0002268362097233	
		1	1	JD0002268362097241	
		2	1	JD0002268362097248	JD0002268362097249
		2	1	JD0002268362097253	JD0002268362097254
		6	2	JD0002268362097256	JD0002268362097261
		2	1	JD0002268362097266	JD0002268362097267
		4	1	JD0002268362097274	JD0002268362097277
		1	1	JD0002268362097282	
		6	1	JD0002268362097284	JD0002268362097289
		2	1	JD0002268362097291	JD0002268362097292
		1	1	JD0002268362097300	
		1	1	JD0002268362097302	
		2	1	JD0002268362097306	JD0002268362097307
		1	1	JD0002268362097310	
		7	2	JD0002268362097316	JD0002268362097322
		3	3	JD0002268362097347	JD0002268362097349
		1	1	JD0002268362097352	
		6	3	JD0002268362097363	JD0002268362097368
		2	1	JD0002268362097373	JD0002268362097374
		8	5	JD0002268362097376	JD0002268362097383
		1	1	JD0002268362097385	
		18	10	JD0002268362097390	JD0002268362097407
		3	1	JD0002268362097410	JD0002268362097412
		3	2	JD0002268362097414	JD0002268362097416
		1	1	JD0002268362097418	
		1	1	JD0002268362097420	
		3	3	JD0002268362097422	JD0002268362097424
		6	2	JD0002268362097428	JD0002268362097433
		6	6	JD0002268362097435	JD0002268362097440
		2	2	JD0002268362097442	JD0002268362097443
		1	1	JD0002268362097452	

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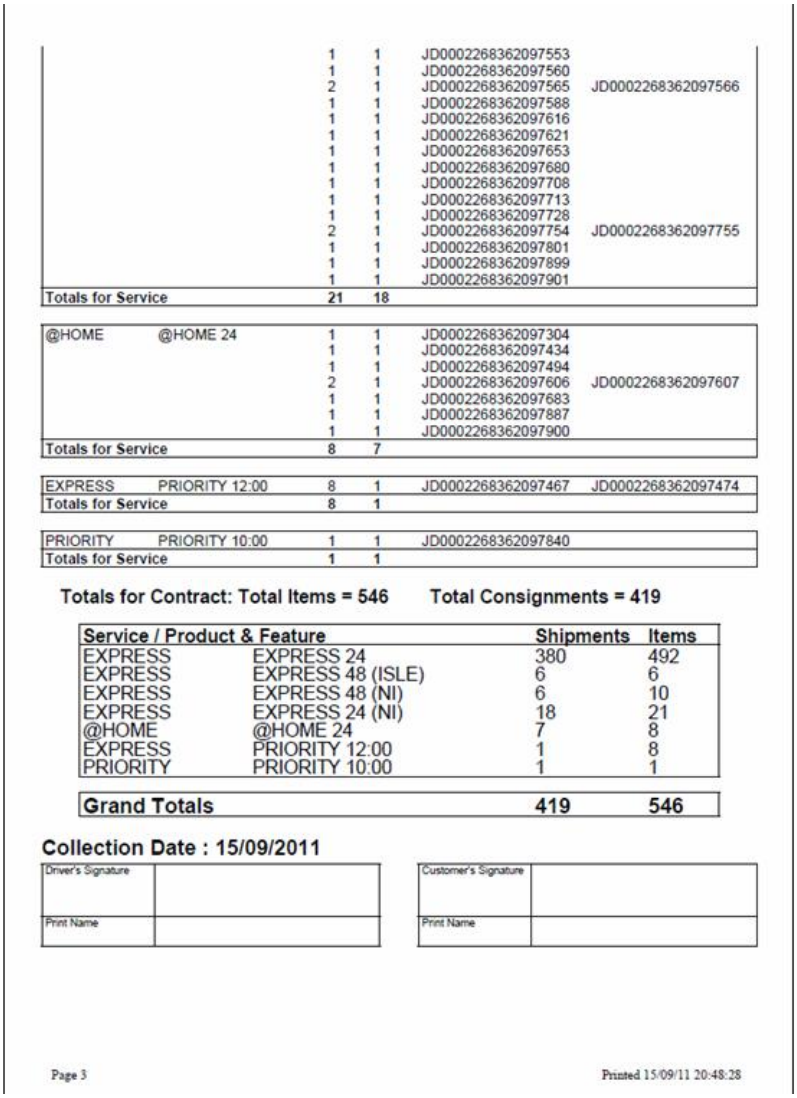
		2	1	JD0002268362097464	JD0002268362097465
		1	1	JD0002268362097477	
		1	1	JD0002268362097480	
		1	1	JD0002268362097489	
		2	2	JD0002268362097491	JD0002268362097492
		8	7	JD0002268362097495	JD0002268362097502
		5	5	JD0002268362097504	JD0002268362097508
		4	2	JD0002268362097516	JD0002268362097519
		5	5	JD0002268362097538	JD0002268362097542
		4	4	JD0002268362097544	JD0002268362097547
		4	4	JD0002268362097549	JD0002268362097552
		1	1	JD0002268362097554	
		2	2	JD0002268362097558	JD0002268362097559
		3	3	JD0002268362097561	JD0002268362097563
		11	11	JD0002268362097568	JD0002268362097578
		1	1	JD0002268362097580	
		5	5	JD0002268362097582	JD0002268362097586
		8	8	JD0002268362097589	JD0002268362097596
		8	8	JD0002268362097598	JD0002268362097605
		8	7	JD0002268362097608	JD0002268362097615
		4	2	JD0002268362097617	JD0002268362097620
		2	2	JD0002268362097622	JD0002268362097623
		2	2	JD0002268362097625	JD0002268362097626
		25	19	JD0002268362097628	JD0002268362097652
		20	20	JD0002268362097654	JD0002268362097673
		3	3	JD0002268362097677	JD0002268362097679
		2	2	JD0002268362097681	JD0002268362097682
		23	6	JD0002268362097684	JD0002268362097706
		4	2	JD0002268362097709	JD0002268362097712
		14	11	JD0002268362097714	JD0002268362097727
		25	18	JD0002268362097729	JD0002268362097753
		32	22	JD0002268362097756	JD0002268362097787
		12	11	JD0002268362097789	JD0002268362097800
		10	10	JD0002268362097802	JD0002268362097811
		8	7	JD0002268362097814	JD0002268362097821
		17	14	JD0002268362097823	JD0002268362097839
		46	46	JD0002268362097841	JD0002268362097886
		11	11	JD0002268362097888	JD0002268362097898
		18	13	JD0002268362097902	JD0002268362097919
Totals for Service		492	380		

EXPRESS	EXPRESS 48 (ISLE)	1	1	JD0002268362097133	
		1	1	JD0002268362097135	
		1	1	JD0002268362097172	
		1	1	JD0002268362097184	
		1	1	JD0002268362097345	
		1	1	JD0002268362097587	
Totals for Service		6	6		

EXPRESS	EXPRESS 48 (NI)	1	1	JD0002268362097228	
		1	1	JD0002268362097301	
		3	1	JD0002268362097354	JD0002268362097356
		1	1	JD0002268362097361	
		3	1	JD0002268362097674	JD0002268362097676
		1	1	JD0002268362097707	
Totals for Service		10	6		

EXPRESS	EXPRESS 24 (NI)	2	1	JD0002268362097231	JD0002268362097232
		1	1	JD0002268362097493	
		1	1	JD0002268362097503	



		1	1	JD0002268362097553	
		1	1	JD0002268362097560	
		2	1	JD0002268362097565	JD0002268362097566
		1	1	JD0002268362097588	
		1	1	JD0002268362097616	
		1	1	JD0002268362097621	
		1	1	JD0002268362097653	
		1	1	JD0002268362097680	
		1	1	JD0002268362097708	
		1	1	JD0002268362097713	
		1	1	JD0002268362097728	
		2	1	JD0002268362097754	JD0002268362097755
		1	1	JD0002268362097801	
		1	1	JD0002268362097899	
		1	1	JD0002268362097901	
Totals for Service		21	18		
@HOME	@HOME 24	1	1	JD0002268362097304	
		1	1	JD0002268362097434	
		1	1	JD0002268362097494	
		2	1	JD0002268362097606	JD0002268362097607
		1	1	JD0002268362097683	
		1	1	JD0002268362097887	
		1	1	JD0002268362097900	
Totals for Service		8	7		
EXPRESS	PRIORITY 12:00	8	1	JD0002268362097467	JD0002268362097474
Totals for Service		8	1		
PRIORITY	PRIORITY 10:00	1	1	JD0002268362097840	
Totals for Service		1	1		

Totals for Contract: Total Items = 546 Total Consignments = 419

Service / Product & Feature		Shipments	Items
EXPRESS	EXPRESS 24	380	492
EXPRESS	EXPRESS 48 (ISLE)	6	6
EXPRESS	EXPRESS 48 (NI)	6	10
EXPRESS	EXPRESS 24 (NI)	18	21
@HOME	@HOME 24	7	8
EXPRESS	PRIORITY 12:00	1	8
PRIORITY	PRIORITY 10:00	1	1
Grand Totals		**419**	**546**

Collection Date : 15/09/2011

Driver's Signature		Customer's Signature	
Print Name		Print Name	

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A new page header will be started for each combination of account number, contract number and schedule number and the totals to be listed at the end of each section will be by contract.

There will be a breakdown by carrier service code per contract.

The footing information should be displayed on the final page only for the trip.

The physical manifest will contain the following information, for example:

	Example	Database Item	Notes
1	Yodel Manifest		Text
2	Post Code Ver:		Text
3	107	RES_CARRIER_FORMATS.CURRENT_VERSION	
4	Meter Number:		Text
5	68362	REV_COST_CENTRE.METER_NUMBER	
6	Account No:		Text
7	057103380	RES_CARRIER_CONFIG.ACCOUNT_NUMBER	
8	Contract No:		Text
9	Blank	RES_CARRIER_CONFIG.CONTRACT_NUMBER	
10	Schedule No:		Text
11	0001	RES_CARRIER_CONFIG.SCHEDULE_NUMBER	
12	OPUNIT:		Text
13	TBA		Text
14	Collection Date:		Text
15	15/09/2011	SCH_TRIP_STOP.ARRIVE	
16	Trip ID:		Text
17	00386510	SCH_TRIP.TRIP_ID	
18	Page No:		Text
19	1	Count	
20	Sender:		Text
21	Cherwell Site 1	GEO_LOCATION.LOCATION_NAME	
22	Middleton Close	GEO_LOCATION.ADDRESS_LINE_1	
23	Banbury	GEO_LOCATION.TOWN	
24	OX16 4RS	GEO_LOCATION.POSTCODE	
25	Service / Product & Feature		Text
26	EXPRESS	CAR_GAZ_SERVICE.PRODUCT_LINE1	
27	EXPRESS 24	CAR_GAZ_SERVICE.PRODUCT_LINE2	
28	Items		Text
29	3	Subtotal	
30	Shpts		Text
31	1	Subtotal	
32	Lowest LP		Text
33	JD0002268362097088	SCH_ORD_TRACKING.TRACKING_REF	
34	Highest LP		Text
35	JD0002268362097090	SCH_ORD_TRACKING.TRACKING_REF	
36	Totals for Service		Text
37	492	Subtotal	
38	380	Subtotal	
39	Totals for Contract:		Text
40	Totals Items =		Text
41	546	Subtotal	
42	Total Consignments =		Text
43	419	Subtotal	
44	Service / Product & Feature		Text
45	EXPRESS	CAR_GAZ_SERVICE.PRODUCT_LINE1	
46	EXPRESS 24	CAR_GAZ_SERVICE.PRODUCT_LINE2	
47	Shipments		Text
48	380	Subtotal	
49	Items		Text
50	492	Subtotal	
51	Grand Totals		Text
52	419	Subtotal	
53	546	Subtotal	
54	Collection Date:		Text
55	15/09/2011	SCH_TRIP_STOP.ARRIVE	
56	Driver's Signature		Text
57	Blank	Blank	
58	Print Name		Text
59	Blank	Blank	
60	Customer's Signature		Text
61	Blank	Blank	
62	Print Name		Text
63	Blank	Blank	
64	Page		Text
65	1	Count	
66	Printed		Text
67	15/09/11 20:48:28	SYSTIME	

Items 25-35 are repeated for each shipment on the trip.

The count stored for ?Shpts? is the number of shipments used for the range of despatch unit tracking references listed.

Items 36-38 and 44-50 are repeated for each of the service/product & feature combinations on the trip.

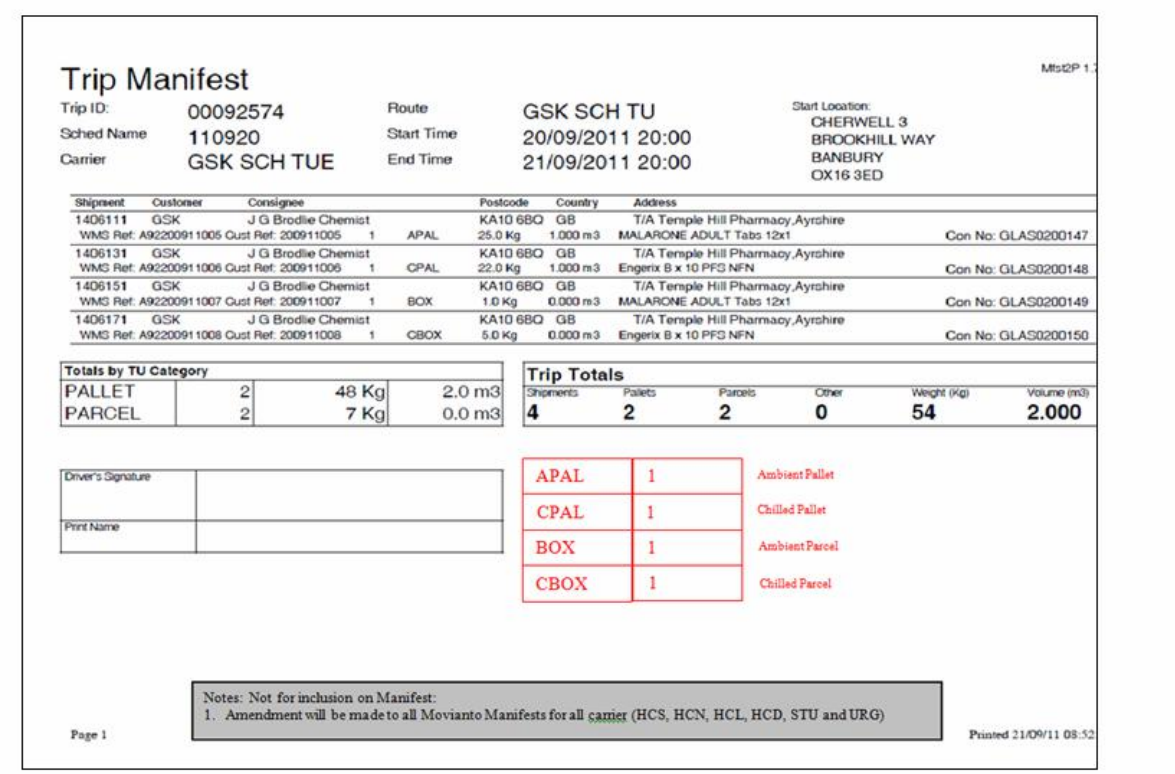
- ?Collection Date? is the planned arrival time at the despatching depot of the trip.
- ?Sender? is the address of the despatching depot of the trip.
- ?Service / Product & Feature? is obtained from the gazetteer.
- ?Lowest LP? and ?Highest LP? are the tracking references for the despatch units.

N.B. A shipment may consist of a single transport order.

N.B. The service level may be different depending on the delivery point of the shipments; therefore, different service levels may exist on the same trip.

4.11.3 Carrier Manifest (Movianto)

An example of the physical manifest format is below:



Trip Manifest

Mfst2P 1.1

Trip ID: 00092574 | Route: GSK SCH TU | Start Location: CHERWELL 3, BROOKHILL WAY, BANBURY, OX16 3ED

Sched Name: 110920 | Start Time: 20/09/2011 20:00

Carrier: GSK SCH TUE | End Time: 21/09/2011 20:00

Shipment	Customer	Consignee		Postcode	Country	Address	
1406111	GSK	J G Brodie Chemist		KA10 6BQ	GB	T/A Temple Hill Pharmacy,Ayrshire	
WMS Ref: A9220091 1005 Cust Ref: 200911005	1	APAL	25.0 Kg	1.000 m3	MALARONE ADULT Tabs 12x1		Con No: GLAS0200147
1406131	GSK	J G Brodie Chemist		KA10 6BQ	GB	T/A Temple Hill Pharmacy,Ayrshire	
WMS Ref: A9220091 1006 Cust Ref: 200911006	1	CPAL	22.0 Kg	1.000 m3	Engerix B x 10 PFS NFN		Con No: GLAS0200148
1406151	GSK	J G Brodie Chemist		KA10 6BQ	GB	T/A Temple Hill Pharmacy,Ayrshire	
WMS Ref: A9220091 1007 Cust Ref: 200911007	1	BOX	1.0 Kg	0.000 m3	MALARONE ADULT Tabs 12x1		Con No: GLAS0200149
1406171	GSK	J G Brodie Chemist		KA10 6BQ	GB	T/A Temple Hill Pharmacy,Ayrshire	
WMS Ref: A9220091 1008 Cust Ref: 200911008	1	CBOX	5.0 Kg	0.000 m3	Engerix B x 10 PFS NFN		Con No: GLAS0200150

Totals by TU Category

PALLET	2	48 Kg	2.0 m3
PARCEL	2	7 Kg	0.0 m3

Trip Totals

Shipments	Pallets	Parcels	Other	Weight (Kg)	Volume (m3)
4	2	2	0	54	2.000

Driver's Signature

Print Name

APAL	1	Ambient Pallet
CPAL	1	Chilled Pallet
BOX	1	Ambient Parcel
CBOX	1	Chilled Parcel

Notes: Not for inclusion on Manifest:
1. Amendment will be made to all Movianto Manifests for all carrier (HCS, HCN, HCL, HCD, STU and URG)

Page 1

Printed 21/09/11 08:52

The physical manifest will contain the following information, for example:

	Example	Database Item	Notes
1	**Trip Manifest**		Text
2	**Trip ID:**		Text
3	00092574	SCH_TRIP.TRIP_ID	
4	**Sched Name:**		Text
5	110920	SCH_TRIP.SCHED_NAME	
6	**Carrier:**		Text
7	GSK SCH TUE	RES_CARRIER.CARRIER_NAME	
8	**Route:**		Text
9	GSK SCH TU	RTE_ROUTE.ROUTE_NAME	
10	**Start Time:**		Text
11	20/09/2011 20:00	SCH_TRIP.START_TIME	
12	**End Time:**		Text
13	21/09/2011 20:00	SCH_TRIP.END_TIME	
14	**Start Location:**		Text
15	CHERWELL 3	GEO_LOCATION.LOCATION_NAME	
16	BROOKHILL WAY	GEO_LOCATION.ADDRESS_LINE1	
17	Blank	GEO_LOCATION.ADDRESS_LINE2	
18	Blank	GEO_LOCATION.ADDRESS_LINE3	
19	BANBURY	GEO_LOCATION.TOWN	
20	OX16 3ED	GEO_LOCATION.POSTCODE	
21	**Shipment**		Text
22	1406111	SCH_ORD.SHIPMENT_ID	
23	**Customer**		Text
24	GSK	ORG_CUSTOMER.CUSTOMER_NAME	
25	**Consignee**		Text
26	J G Brodlie Chemist	GEO_LOCATION.LOCATION_NAME	
27	**Postcode**		Text
28	KA10 6BQ	GEO_LOCATION.POSTCODE	
29	**Country**		Text
30	GB	GEO_LOCATION.COUNTRY_CODE	
31	**Address**		Text
32	T/A Temple Hill Pharmacy Ayrshire	GEO_LOCATION.ADDRESS_LINE1	
33	**WMS Ref:**		Text
34	A92200911005	SCH_ORD.EXTERNAL_REF	
35	**Cust Ref:**		Text
36	200911005	SCH_ORD.DEL_POINT_REF	
37	1	SCH_ORDER_LINE.QUANTITY	
38	APAL	SCH_ORDER_LINE.DU_TYPE	
39	25.0 Kg	SCH_ORDER_LINE.WEIGHT	
40	1.000 m3	SCH_ORDER_LINE.CUBE	
41	MALARONE ADULT Tabs 12xt	SCH_ORDER_LINE.PRODUCT_TYPE	
42	**Con No:**		Text
43	GLAS0200147	SCH_ORD_TRACKING.TRACKING_REF	
44	**Totals by TU Category**		Text
45	PALLET	RES_DESPATCH_UNIT_TYPE.DU_CATEGORY	
46	2	Subtotal	
47	48 Kg	Subtotal	
48	2.0 m3	Subtotal	
49	**Trip Totals**		Text
50	**Shipments**		Text
51	4	Subtotal	
52	**Pallets**		Text
53	2	Subtotal	
54	**Parcels**		Text
55	2	Subtotal	
56	**Other**		Text
57	0	Subtotal	
58	**Weight (Kg)**		Text
59	54	Subtotal	
60	**Volume (m3)**		Text
61	2.000	Subtotal	
62	**Driver's Signature**		Text
63	Blank		
64	**Print Name**		Text
65	Blank		
66	APAL	SCH_ORDER_LINE.PRODUCT_TYPE	
67	1	Subtotal	
68	Ambient Pallet	RES_DESPATCH_UNIT_TYPE.DU_DESCRIPTION	
69	**Page**		Text
70	1		
71	**Printed**		Text
72	21/09/11 08:52		

Items 21-43 are repeated for each of the shipments on the trip.

Items 35-43 are repeated for each of the despatch units in the shipment on the trip.

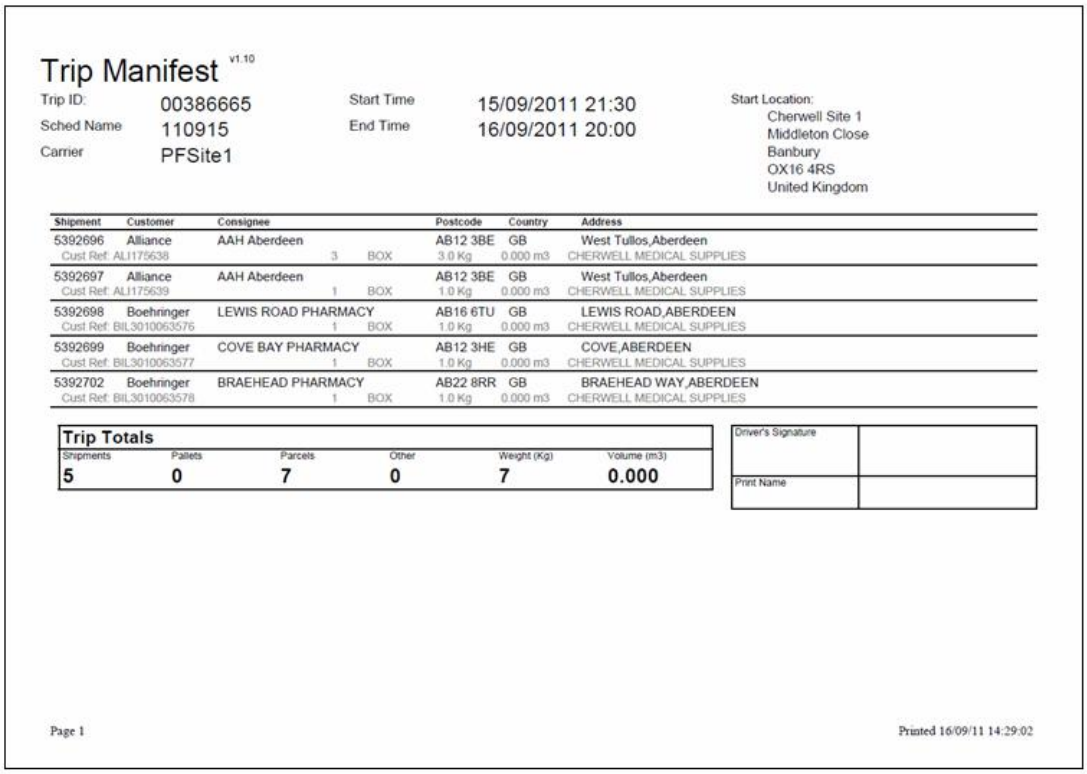
- ?Start Time? is the planned arrival time of the first stop of the trip.
- ?End Time? is the planned departure time of the last stop of the trip.
- ?Start Location? is the address of the despatching depot of the trip.
- ?Consignee? is the destination location of the shipment.
- ?WMS Ref? is the customer reference of the unconsolidated transport order or a transport order in the shipment.
- ?Cust Ref? is the delivery point reference of the unconsolidated transport order or a transport order in the shipment.
- ?Con No? is the tracking reference of the shipment (or unconsolidated transport order).

N.B. ?Totals by TU Category? will be renamed ?Totals by DU Category? and it will be the new DU category.

N.B. The DU type subtotals will be displayed in black and not red as in the example.

4.11.4 Carrier Manifest (Standard1)

Examples of the physical manifest format are below:



Trip Manifest v1.10

Trip ID: 00386665 | Sched Name: 110915 | Carrier: PFSite1

Start Time: 15/09/2011 21:30 | End Time: 16/09/2011 20:00

Start Location: Cherwell Site 1, Middleton Close, Banbury, OX16 4RS, United Kingdom

Shipment	Customer	Consignee			Postcode	Country	Address
5392696	Alliance	AAH Aberdeen			AB12 3BE	GB	West Tullos,Aberdeen
Cust Ref: ALI175638			3	BOX	3.0 Kg	0.000 m3	CHERWELL MEDICAL SUPPLIES
5392697	Alliance	AAH Aberdeen			AB12 3BE	GB	West Tullos,Aberdeen
Cust Ref: ALI175639			1	BOX	1.0 Kg	0.000 m3	CHERWELL MEDICAL SUPPLIES
5392698	Boehringer	LEWIS ROAD PHARMACY			AB16 6TU	GB	LEWIS ROAD,ABERDEEN
Cust Ref: BIL3010063576			1	BOX	1.0 Kg	0.000 m3	CHERWELL MEDICAL SUPPLIES
5392699	Boehringer	COVE BAY PHARMACY			AB12 3HE	GB	COVE,ABERDEEN
Cust Ref: BIL3010063577			1	BOX	1.0 Kg	0.000 m3	CHERWELL MEDICAL SUPPLIES
5392702	Boehringer	BRAEHEAD PHARMACY			AB22 8RR	GB	BRAEHEAD WAY,ABERDEEN
Cust Ref: BIL3010063578			1	BOX	1.0 Kg	0.000 m3	CHERWELL MEDICAL SUPPLIES

Trip Totals

Shipments	Pallets	Parcels	Other	Weight (Kg)	Volume (m3)
5	0	7	0	7	0.000

Driver's Signature | Print Name

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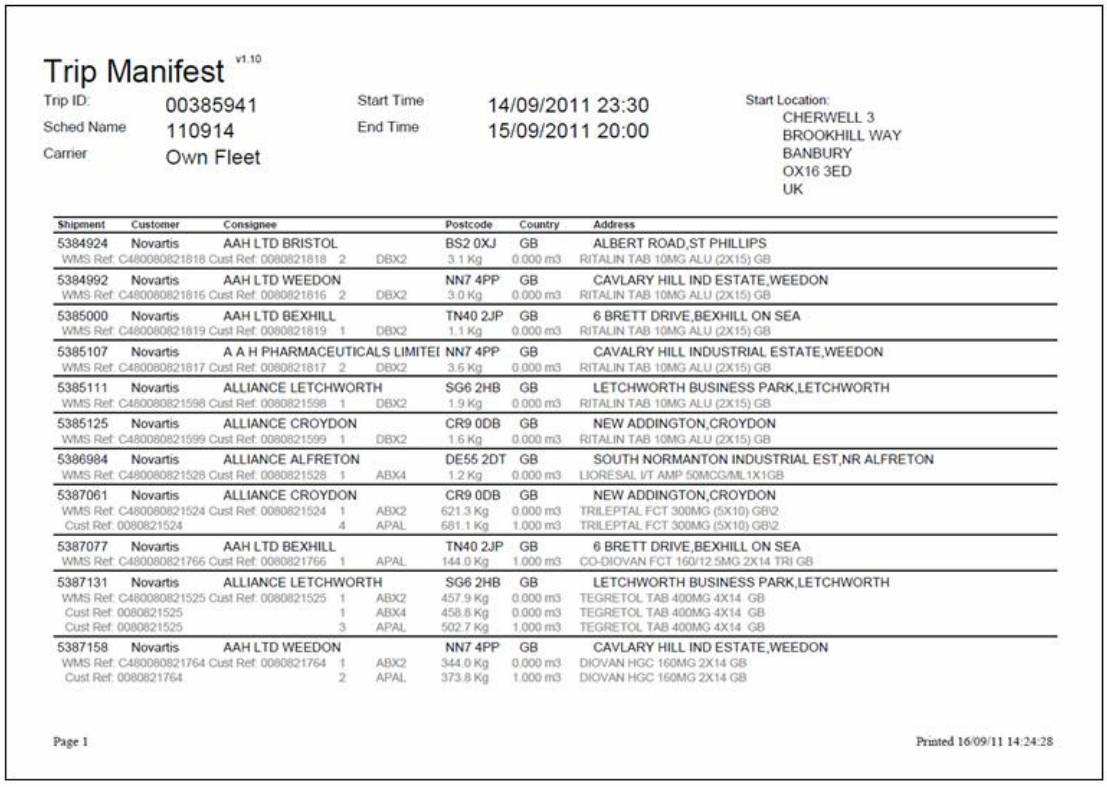

Trip Manifest v1.10

Trip ID: 00385941 | Sched Name: 110914 | Carrier: Own Fleet

Start Time: 14/09/2011 23:30 | End Time: 15/09/2011 20:00

Start Location: CHERWELL 3, BROOKHILL WAY, BANBURY, OX16 3ED, UK

Shipment	Customer	Consignee			Postcode	Country	Address
5384924	Novartis	AAH LTD BRISTOL			BS2 0XJ	GB	ALBERT ROAD,ST PHILLIPS
WMS Ref: C480080821818 Cust Ref: 0080821818			2	DBX2	3.1 Kg	0.000 m3	RITALIN TAB 10MG ALU (2X15) GB
5384992	Novartis	AAH LTD WEEDON			NN7 4PP	GB	CAVLARY HILL IND ESTATE,WEEDON
WMS Ref: C480080821816 Cust Ref: 0080821816			2	DBX2	3.0 Kg	0.000 m3	RITALIN TAB 10MG ALU (2X15) GB
5385000	Novartis	AAH LTD BEXHILL			TN40 2JP	GB	6 BRETT DRIVE,BEXHILL ON SEA
WMS Ref: C480080821819 Cust Ref: 0080821819			1	DBX2	1.1 Kg	0.000 m3	RITALIN TAB 10MG ALU (2X15) GB
5385107	Novartis	A A H PHARMACEUTICALS LIMITEI			NN7 4PP	GB	CAVALRY HILL INDUSTRIAL ESTATE,WEEDON
WMS Ref: C480080821817 Cust Ref: 0080821817			2	DBX2	3.6 Kg	0.000 m3	RITALIN TAB 10MG ALU (2X15) GB
5385111	Novartis	ALLIANCE LETCHWORTH			SG6 2HB	GB	LETCHWORTH BUSINESS PARK,LETCHWORTH
WMS Ref: C480080821598 Cust Ref: 0080821598			1	DBX2	1.9 Kg	0.000 m3	RITALIN TAB 10MG ALU (2X15) GB
5385125	Novartis	ALLIANCE CROYDON			CR9 0DB	GB	NEW ADDINGTON,CROYDON
WMS Ref: C480080821599 Cust Ref: 0080821599			1	DBX2	1.6 Kg	0.000 m3	RITALIN TAB 10MG ALU (2X15) GB
5386984	Novartis	ALLIANCE ALFRETON			DE55 2DT	GB	SOUTH NORMANTON INDUSTRIAL EST,NR ALFRETON
WMS Ref: C480080821528 Cust Ref: 0080821528			1	ABX4	1.2 Kg	0.000 m3	LIORESAL I/T AMP 50MCG/ML1X1GB
5387061	Novartis	ALLIANCE CROYDON			CR9 0DB	GB	NEW ADDINGTON,CROYDON
WMS Ref: C480080821524 Cust Ref: 0080821524			1	ABX2	621.3 Kg	0.000 m3	TRILEPTAL FCT 300MG (5X10) GB\2
Cust Ref: 0080821524			4	APAL	681.1 Kg	1.000 m3	TRILEPTAL FCT 300MG (5X10) GB\2
5387077	Novartis	AAH LTD BEXHILL			TN40 2JP	GB	6 BRETT DRIVE,BEXHILL ON SEA
WMS Ref: C480080821766 Cust Ref: 0080821766			1	APAL	144.0 Kg	1.000 m3	CO-DIOVAN FCT 160/12.5MG 2X14 TRI GB
5387131	Novartis	ALLIANCE LETCHWORTH			SG6 2HB	GB	LETCHWORTH BUSINESS PARK,LETCHWORTH
WMS Ref: C480080821525 Cust Ref: 0080821525			1	ABX2	457.9 Kg	0.000 m3	TEGRETOL TAB 400MG 4X14 GB
Cust Ref: 0080821525			1	ABX4	458.8 Kg	0.000 m3	TEGRETOL TAB 400MG 4X14 GB
Cust Ref: 0080821525			3	APAL	502.7 Kg	1.000 m3	TEGRETOL TAB 400MG 4X14 GB
5387158	Novartis	AAH LTD WEEDON			NN7 4PP	GB	CAVLARY HILL IND ESTATE,WEEDON
WMS Ref: C480080821764 Cust Ref: 0080821764			1	ABX2	344.0 Kg	0.000 m3	DIOVAN HGC 160MG 2X14 GB
Cust Ref: 0080821764			2	APAL	373.8 Kg	1.000 m3	DIOVAN HGC 160MG 2X14 GB

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The physical manifest will contain the following information, for example:

	Example	Database Item	Notes
1	**Trip Manifest**		**Text**
2	**Trip ID:**		**Text**
3	00386508	SCH_TRIP.TRIP_ID	
4	**Sched Name:**		**Text**
5	110915	SCH_TRIP.SCHED_NAME	
6	**Carrier:**		**Text**
7	PFSite1	RES_CARRIER.CARRIER_NAME	
8	**Start Time:**		**Text**
9	15/09/2011 21:30	SCH_TRIP.START_TIME	
10	**End Time:**		**Text**
11	16/09/2011 20:00	SCH_TRIP.END_TIME	
12	**Start Location:**		**Text**
13	Cherwell Site 1	GEO_LOCATION.LOCATION_NAME	
14	Middleton Close	GEO_LOCATION.ADDRESS_LINE1	
15	Blank	GEO_LOCATION.ADDRESS_LINE2	
16	Blank	GEO_LOCATION.ADDRESS_LINE3	
17	Banbury	GEO_LOCATION.TOWN	
18	OX16 4RS	GEO_LOCATION.POSTCODE	
19	United Kingdom	GEO_COUNTRY.COUNTRY_NAME	
20	**Shipment**		**Text**
21	5392696	SCH_ORD.SHIPMENT_ID	
22	**Customer**		**Text**
23	Alliance	ORG_CUSTOMER.CUSTOMER_NAME	
24	**Consignee**		**Text**
25	AAH Aberdeen	GEO_LOCATION.LOCATION_NAME	
26	**Postcode**		**Text**
27	AB12 3BE	GEO_LOCATION.POSTCODE	
28	**Country**		**Text**
29	GB	GEO_LOCATION.COUNTRY_CODE	
30	**Address**		**Text**
31	West Tullos,	GEO_LOCATION.ADDRESS_LINE1	
32	Aberdeen	GEO_LOCATION.TOWN	
33	**WMS Ref:**		**Text**
34	Blank	SCH_ORD.EXTERNAL_REF	
35	**Cust Ref:**		**Text**
36	ALI175638	SCH_ORD.DEL_POINT_REF	
37	3	SCH_ORDER_LINE.QUANTITY	
38	BOX	SCH_ORDER_LINE.DU_TYPE	
39	3.0 Kg	SCH_ORDER_LINE.WEIGHT	
40	0.000 m3	SCH_ORDER_LINE.CUBE	
41	CHERWELL MEDICAL SUPPLIES	SCH_ORDER_LINE.PRODUCT_TYPE	
42	**Trip Totals**		**Text**
43	**Shipments**		**Text**
44	**Pallets**		**Text**
45	**Parcels**		**Text**
46	**Other**		**Text**
47	**Weight (Kg)**		**Text**
48	**Volume (m3)**		**Text**
49	5	Subtotal	
50	0	Subtotal	
51	7	Subtotal	
52	0	Subtotal	
53	7	Subtotal	
54	0.000	Subtotal	
55	**Driver's Signature**		**Text**
56	Blank	Blank	
57	**Print Name**		**Text**
58	Blank	Blank	
59	**Page**		**Text**
60	1	Count	
61	**Printed**		**Text**
62	15/09/11 16:23:23	SYSTIME	

Items 21-41 are repeated for each of the shipments on the trip.

Items 35-41 are repeated for each of the despatch units in the shipment on the trip.

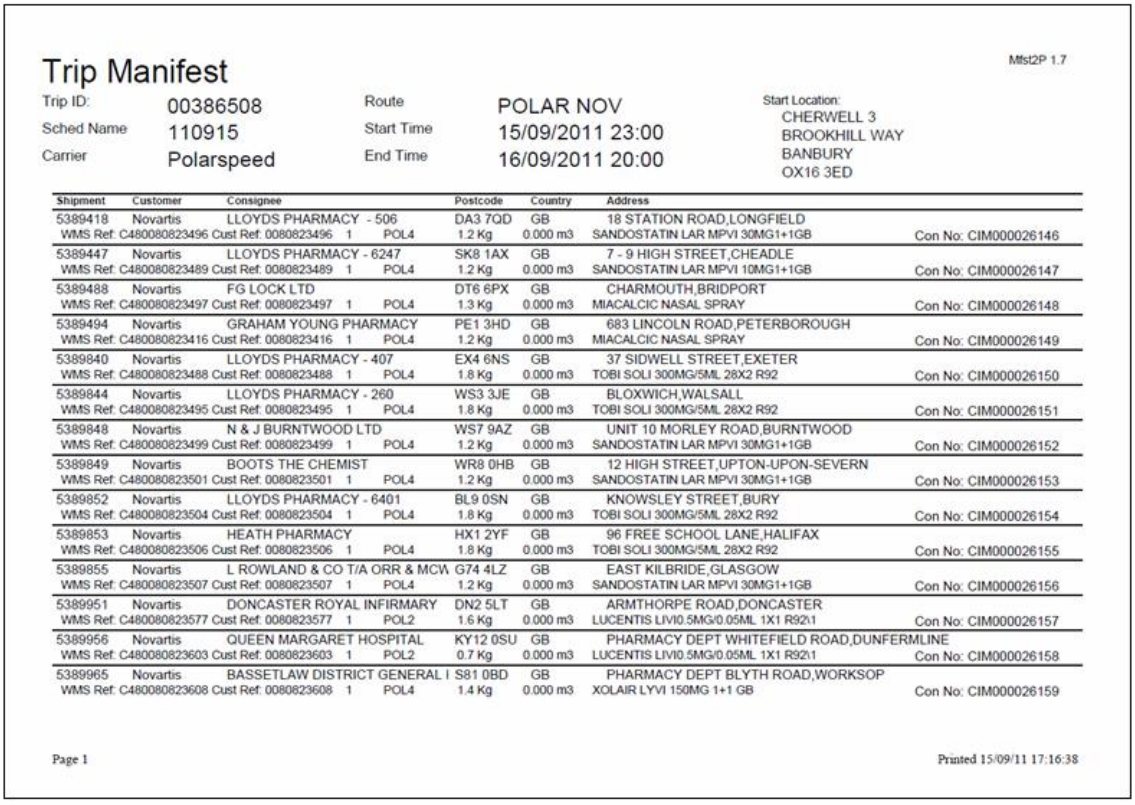
- ?Start Time? is the planned arrival time of the first stop of the trip.
- ?End Time? is the planned departure time of the last stop of the trip.
- ?Start Location? is the address of the despatching depot of the trip.
- ?Consignee? is the destination location of the shipment.
- ?WMS Ref? is the customer reference of the unconsolidated transport order or a transport order in the shipment.
- ?Cust Ref? is the delivery point reference of the unconsolidated transport order or a transport order in the shipment.

N.B. A shipment may consist of a single transport order.

N.B. the ?Own Fleet? and ?Vaccines? formats can include ?WMS Ref? as specified for the ?Standard2? (?Polarspeed?) format.

4.11.5 Carrier Manifest (Standard2)

An example of the physical manifest format is below:



Trip Manifest

Mfst2P 1.7

Trip ID: 00386508 | Route: POLAR NOV | Start Location: CHERWELL 3, BROOKHILL WAY, BANBURY, OX16 3ED

Sched Name: 110915 | Start Time: 15/09/2011 23:00

Carrier: Polarspeed | End Time: 16/09/2011 20:00

Shipment	Customer	Consignee	Postcode	Country	Address	
5389418	Novartis	LLOYDS PHARMACY - 506	DA3 7QD	GB	18 STATION ROAD,LONGFIELD	
WMS Ref: C480080823496 Cust Ref: 0080823496 1 POL4			1.2 Kg	0.000 m3	SANDOSTATIN LAR MPVI 30MG1+1GB	Con No: CIM000026146
5389447	Novartis	LLOYDS PHARMACY - 6247	SK8 1AX	GB	7 - 9 HIGH STREET,CHEADLE	
WMS Ref: C480080823489 Cust Ref: 0080823489 1 POL4			1.2 Kg	0.000 m3	SANDOSTATIN LAR MPVI 10MG1+1GB	Con No: CIM000026147
5389488	Novartis	FG LOCK LTD	DT6 6PX	GB	CHARMOUTH,BRIDPORT	
WMS Ref: C480080823497 Cust Ref: 0080823497 1 POL4			1.3 Kg	0.000 m3	MIACALCIC NASAL SPRAY	Con No: CIM000026148
5389494	Novartis	GRAHAM YOUNG PHARMACY	PE1 3HD	GB	683 LINCOLN ROAD,PETERBOROUGH	
WMS Ref: C480080823416 Cust Ref: 0080823416 1 POL4			1.2 Kg	0.000 m3	MIACALCIC NASAL SPRAY	Con No: CIM000026149
5389840	Novartis	LLOYDS PHARMACY - 407	EX4 6NS	GB	37 SIDWELL STREET,EXETER	
WMS Ref: C480080823488 Cust Ref: 0080823488 1 POL4			1.8 Kg	0.000 m3	TOBI SOLI 300MG/5ML 28X2 R92	Con No: CIM000026150
5389844	Novartis	LLOYDS PHARMACY - 260	WS3 3JE	GB	BLOXWICH,WALSALL	
WMS Ref: C480080823495 Cust Ref: 0080823495 1 POL4			1.8 Kg	0.000 m3	TOBI SOLI 300MG/5ML 28X2 R92	Con No: CIM000026151
5389848	Novartis	N & J BURNTWOOD LTD	WS7 9AZ	GB	UNIT 10 MORLEY ROAD,BURNTWOOD	
WMS Ref: C480080823499 Cust Ref: 0080823499 1 POL4			1.2 Kg	0.000 m3	SANDOSTATIN LAR MPVI 30MG1+1GB	Con No: CIM000026152
5389849	Novartis	BOOTS THE CHEMIST	WR8 0HB	GB	12 HIGH STREET,UPTON-UPON-SEVERN	
WMS Ref: C480080823501 Cust Ref: 0080823501 1 POL4			1.2 Kg	0.000 m3	SANDOSTATIN LAR MPVI 30MG1+1GB	Con No: CIM000026153
5389852	Novartis	LLOYDS PHARMACY - 6401	BL9 0SN	GB	KNOWSLEY STREET,BURY	
WMS Ref: C480080823504 Cust Ref: 0080823504 1 POL4			1.8 Kg	0.000 m3	TOBI SOLI 300MG/5ML 28X2 R92	Con No: CIM000026154
5389853	Novartis	HEATH PHARMACY	HX1 2YF	GB	96 FREE SCHOOL LANE,HALIFAX	
WMS Ref: C480080823506 Cust Ref: 0080823506 1 POL4			1.8 Kg	0.000 m3	TOBI SOLI 300MG/5ML 28X2 R92	Con No: CIM000026155
5389855	Novartis	L ROWLAND & CO T/A ORR & MCW	G74 4LZ	GB	EAST KILBRIDE,GLASGOW	
WMS Ref: C480080823507 Cust Ref: 0080823507 1 POL4			1.2 Kg	0.000 m3	SANDOSTATIN LAR MPVI 30MG1+1GB	Con No: CIM000026156
5389951	Novartis	DONCASTER ROYAL INFIRMARY	DN2 5LT	GB	ARMTHORPE ROAD,DONCASTER	
WMS Ref: C480080823577 Cust Ref: 0080823577 1 POL2			1.6 Kg	0.000 m3	LUCENTIS LIVI0.5MG/0.05ML 1X1 R92\1	Con No: CIM000026157
5389956	Novartis	QUEEN MARGARET HOSPITAL	KY12 0SU	GB	PHARMACY DEPT WHITEFIELD ROAD,DUNFERMLINE	
WMS Ref: C480080823603 Cust Ref: 0080823603 1 POL2			0.7 Kg	0.000 m3	LUCENTIS LIVI0.5MG/0.05ML 1X1 R92\1	Con No: CIM000026158
5389965	Novartis	BASSETLAW DISTRICT GENERAL I	S81 0BD	GB	PHARMACY DEPT BLYTH ROAD,WORKSOP	
WMS Ref: C480080823608 Cust Ref: 0080823608 1 POL4			1.4 Kg	0.000 m3	XOLAIR LYVI 150MG 1+1 GB	Con No: CIM000026159

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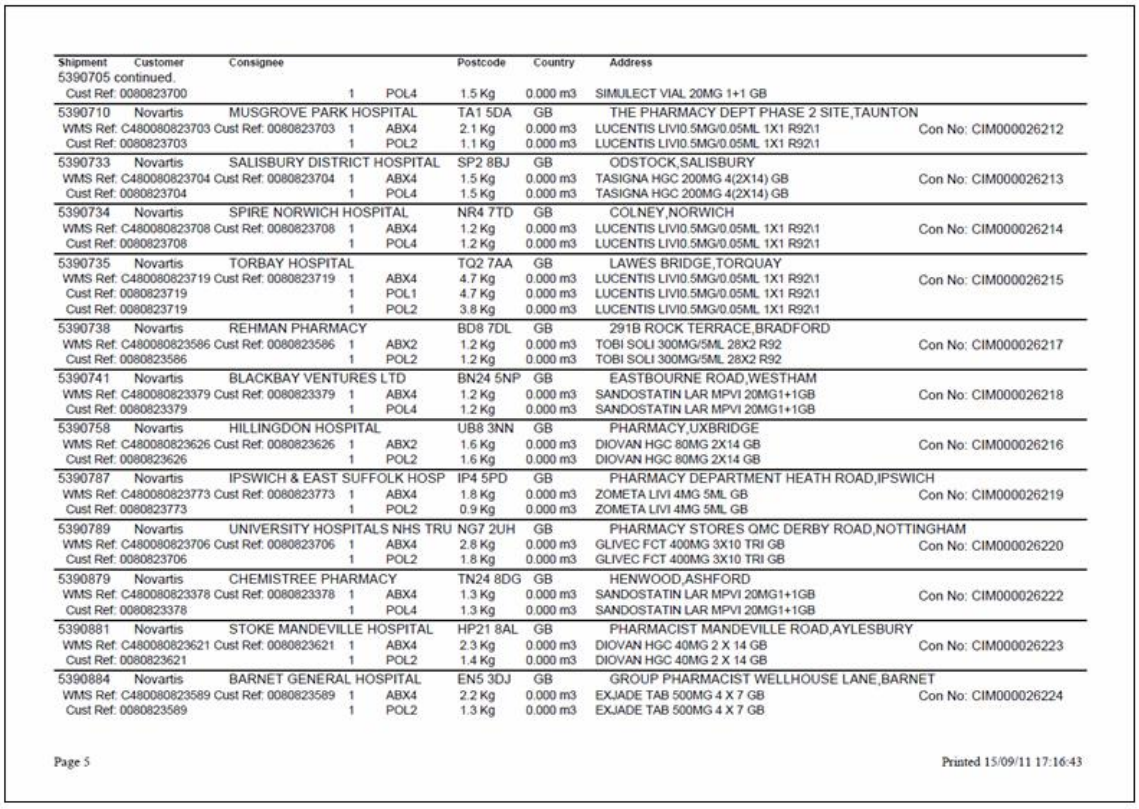

Shipment	Customer	Consignee	Postcode	Country	Address	
5390705 continued.						
Cust Ref: 0080823700 1 POL4			1.5 Kg	0.000 m3	SIMULECT VIAL 20MG 1+1 GB	
5390710	Novartis	MUSGROVE PARK HOSPITAL	TA1 5DA	GB	THE PHARMACY DEPT PHASE 2 SITE,TAUNTON	
WMS Ref: C480080823703 Cust Ref: 0080823703 1 ABX4			2.1 Kg	0.000 m3	LUCENTIS LIVI0.5MG/0.05ML 1X1 R92\1	Con No: CIM000026212
Cust Ref: 0080823703 1 POL2			1.1 Kg	0.000 m3	LUCENTIS LIVI0.5MG/0.05ML 1X1 R92\1	
5390733	Novartis	SALISBURY DISTRICT HOSPITAL	SP2 8BJ	GB	ODSTOCK,SALISBURY	
WMS Ref: C480080823704 Cust Ref: 0080823704 1 ABX4			1.5 Kg	0.000 m3	TASIGNA HGC 200MG 4(2X14) GB	Con No: CIM000026213
Cust Ref: 0080823704 1 POL4			1.5 Kg	0.000 m3	TASIGNA HGC 200MG 4(2X14) GB	
5390734	Novartis	SPIRE NORWICH HOSPITAL	NR4 7TD	GB	COLNEY,NORWICH	
WMS Ref: C480080823708 Cust Ref: 0080823708 1 ABX4			1.2 Kg	0.000 m3	LUCENTIS LIVI0.5MG/0.05ML 1X1 R92\1	Con No: CIM000026214
Cust Ref: 0080823708 1 POL4			1.2 Kg	0.000 m3	LUCENTIS LIVI0.5MG/0.05ML 1X1 R92\1	
5390735	Novartis	TORBAY HOSPITAL	TQ2 7AA	GB	LAWES BRIDGE,TORQUAY	
WMS Ref: C480080823719 Cust Ref: 0080823719 1 ABX4			4.7 Kg	0.000 m3	LUCENTIS LIVI0.5MG/0.05ML 1X1 R92\1	Con No: CIM000026215
Cust Ref: 0080823719 1 POL1			4.7 Kg	0.000 m3	LUCENTIS LIVI0.5MG/0.05ML 1X1 R92\1	
Cust Ref: 0080823719 1 POL2			3.8 Kg	0.000 m3	LUCENTIS LIVI0.5MG/0.05ML 1X1 R92\1	
5390738	Novartis	REHMAN PHARMACY	BD8 7DL	GB	291B ROCK TERRACE,BRADFORD	
WMS Ref: C480080823586 Cust Ref: 0080823586 1 ABX2			1.2 Kg	0.000 m3	TOBI SOLI 300MG/5ML 28X2 R92	Con No: CIM000026217
Cust Ref: 0080823586 1 POL2			1.2 Kg	0.000 m3	TOBI SOLI 300MG/5ML 28X2 R92	
5390741	Novartis	BLACKBAY VENTURES LTD	BN24 5NP	GB	EASTBOURNE ROAD,WESTHAM	
WMS Ref: C480080823379 Cust Ref: 0080823379 1 ABX4			1.2 Kg	0.000 m3	SANDOSTATIN LAR MPVI 20MG1+1GB	Con No: CIM000026218
Cust Ref: 0080823379 1 POL4			1.2 Kg	0.000 m3	SANDOSTATIN LAR MPVI 20MG1+1GB	
5390758	Novartis	HILLINGDON HOSPITAL	UB8 3NN	GB	PHARMACY,UXBRIDGE	
WMS Ref: C480080823626 Cust Ref: 0080823626 1 ABX2			1.6 Kg	0.000 m3	DIOVAN HGC 80MG 2X14 GB	Con No: CIM000026216
Cust Ref: 0080823626 1 POL2			1.6 Kg	0.000 m3	DIOVAN HGC 80MG 2X14 GB	
5390787	Novartis	IPSWICH & EAST SUFFOLK HOSP	IP4 5PD	GB	PHARMACY DEPARTMENT HEATH ROAD,IPSWICH	
WMS Ref: C480080823773 Cust Ref: 0080823773 1 ABX4			1.8 Kg	0.000 m3	ZOMETA LIVI 4MG 5ML GB	Con No: CIM000026219
Cust Ref: 0080823773 1 POL2			0.9 Kg	0.000 m3	ZOMETA LIVI 4MG 5ML GB	
5390789	Novartis	UNIVERSITY HOSPITALS NHS TRU	NG7 2UH	GB	PHARMACY STORES QMC DERBY ROAD,NOTTINGHAM	
WMS Ref: C480080823706 Cust Ref: 0080823706 1 ABX4			2.8 Kg	0.000 m3	GLIVEC FCT 400MG 3X10 TRI GB	Con No: CIM000026220
Cust Ref: 0080823706 1 POL2			1.8 Kg	0.000 m3	GLIVEC FCT 400MG 3X10 TRI GB	
5390879	Novartis	CHEMISTREE PHARMACY	TN24 8DG	GB	HENWOOD,ASHFORD	
WMS Ref: C480080823378 Cust Ref: 0080823378 1 ABX4			1.3 Kg	0.000 m3	SANDOSTATIN LAR MPVI 20MG1+1GB	Con No: CIM000026222
Cust Ref: 0080823378 1 POL4			1.3 Kg	0.000 m3	SANDOSTATIN LAR MPVI 20MG1+1GB	
5390881	Novartis	STOKE MANDEVILLE HOSPITAL	HP21 8AL	GB	PHARMACIST MANDEVILLE ROAD,AYLESBURY	
WMS Ref: C480080823621 Cust Ref: 0080823621 1 ABX4			2.3 Kg	0.000 m3	DIOVAN HGC 40MG 2 X 14 GB	Con No: CIM000026223
Cust Ref: 0080823621 1 POL2			1.4 Kg	0.000 m3	DIOVAN HGC 40MG 2 X 14 GB	
5390884	Novartis	BARNET GENERAL HOSPITAL	EN5 3DJ	GB	GROUP PHARMACIST WELLHOUSE LANE,BARNET	
WMS Ref: C480080823589 Cust Ref: 0080823589 1 ABX4			2.2 Kg	0.000 m3	EXJADE TAB 500MG 4 X 7 GB	Con No: CIM000026224
Cust Ref: 0080823589 1 POL2			1.3 Kg	0.000 m3	EXJADE TAB 500MG 4 X 7 GB	

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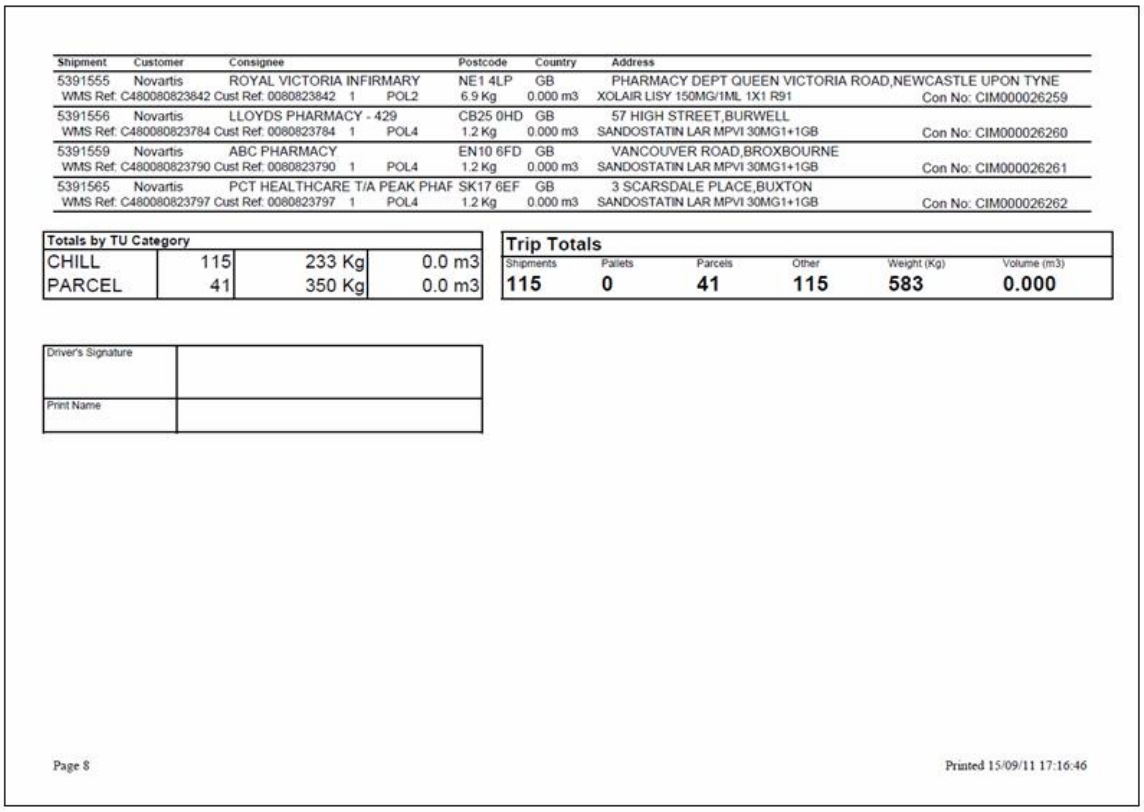

Shipment	Customer	Consignee		Postcode	Country	Address	
5391555	Novartis	ROYAL VICTORIA INFIRMARY		NE1 4LP	GB	PHARMACY DEPT QUEEN VICTORIA ROAD,NEWCASTLE UPON TYNE	
WMS Ref: C480080823842	Cust Ref: 0080823842	1	POL2	6.9 Kg	0.000 m3	XOLAIR LISY 150MG/1ML 1X1 R91	Con No: CIM000026259
5391556	Novartis	LLOYDS PHARMACY - 429		CB25 0HD	GB	57 HIGH STREET,BURWELL	
WMS Ref: C480080823784	Cust Ref: 0080823784	1	POL4	1.2 Kg	0.000 m3	SANDOSTATIN LAR MPVI 30MG1+1GB	Con No: CIM000026260
5391559	Novartis	ABC PHARMACY		EN10 6FD	GB	VANCOUVER ROAD,BROXBOURNE	
WMS Ref: C480080823790	Cust Ref: 0080823790	1	POL4	1.2 Kg	0.000 m3	SANDOSTATIN LAR MPVI 30MG1+1GB	Con No: CIM000026261
5391565	Novartis	PCT HEALTHCARE T/A PEAK PHAF		SK17 6EF	GB	3 SCARSDALE PLACE,BUXTON	
WMS Ref: C480080823797	Cust Ref: 0080823797	1	POL4	1.2 Kg	0.000 m3	SANDOSTATIN LAR MPVI 30MG1+1GB	Con No: CIM000026262

Totals by TU Category

CHILL	115	233 Kg	0.0 m3
PARCEL	41	350 Kg	0.0 m3

Trip Totals

Shipments	Pallets	Parcels	Other	Weight (Kg)	Volume (m3)
115	0	41	115	583	0.000

Driver's Signature	
Print Name	

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The physical manifest will contain the following information, for example:

	Example	Database Item	Notes
1	**Trip Manifest**		**Text**
2	**Trip ID:**		**Text**
3	00386508	SCH_TRIP.TRIP_ID	
4	**Sched Name:**		**Text**
5	110915	SCH_TRIP.SCHED_NAME	
6	**Carrier:**		**Text**
7	Polarspeed	RES_CARRIER.CARRIER_NAME	
8	**Route:**		**Text**
9	POLAR NOV	RTE_ROUTE.ROUTE_NAME	
10	**Start Time:**		**Text**
11	15/09/2011 23:00	SCH_TRIP.START_TIME	
12	**End Time:**		**Text**
13	16/09/2011 20:00	SCH_TRIP.END_TIME	
14	**Start Location:**		**Text**
15	CHERWELL 3	GEO_LOCATION.LOCATION_NAME	
16	BROOKHILL WAY	GEO_LOCATION.ADDRESS_LINE1	
17	BANBURY	GEO_LOCATION.TOWN	
18	OX16 3ED	GEO_LOCATION.POSTCODE	
19	**Shipment**		**Text**
20	5389418	SCH_ORD.SHIPMENT_ID	
21	**Customer**		**Text**
22	Novartis	ORG_CUSTOMER.CUSTOMER_NAME	
23	**Consignee**		**Text**
24	LLOYDS PHARMACY – 506	GEO_LOCATION.LOCATION_NAME	
25	**Postcode**		**Text**
26	DA3 7QD	GEO_LOCATION.POSTCODE	
27	**Country**		**Text**
28	GB	GEO_LOCATION.COUNTRY_CODE	
29	**Address**		**Text**
30	18 STATION ROAD,	GEO_LOCATION.ADDRESS_LINE1	
31	LONGFIELD	GEO_LOCATION.TOWN	
32	**WMS Ref:**		**Text**
33	C480080823496	SCH_ORD.EXTERNAL_REF	
34	**Cust Ref:**		**Text**
35	0080823496	SCH_ORD.DEL_POINT_REF	
36	1	SCH_ORDER_LINE.QUANTITY	
37	POL4	SCH_ORDER_LINE.DU_TYPE	
38	1.2 Kg	SCH_ORDER_LINE.WEIGHT	
39	0.000 m3	SCH_ORDER_LINE.CUBE	
40	SANDOSTATIN LAR MPVI 30MG+1GB	SCH_ORDER_LINE.PRODUCT_TYPE	
41	**Con No:**		**Text**
42	CIM000026146	SCH_ORD_TRACKING.TRACKING_REF	

43	**Totals by TU Category**		**Text**
44	CHILL	RES_DESPATCH_UNIT_TYPE.DU_CATEGORY	
45	115	Subtotal	
46	233 Kg	Subtotal	
47	0.0 m3	Subtotal	
48	**Trip Totals**		**Text**
49	**Shipments**		**Text**
50	**Pallets**		**Text**
51	**Parcels**		**Text**
52	**Other**		**Text**
53	**Weight (Kg)**		**Text**
54	**Volume (m3)**		**Text**
55	115	Subtotal	
56	0	Subtotal	
57	41	Subtotal	
58	115	Subtotal	
59	583	Subtotal	
60	0.000	Subtotal	
61	**Driver's Signature**		**Text**
62	Blank	Blank	
63	**Print Name**		**Text**
64	Blank	Blank	
65	**Page**		**Text**
66	1	Count	
67	**Printed**		**Text**
68	15/09/11 17:16:46	SYSTIME	

Items 19-42 are repeated for each of the shipments on the trip.

Items 32-40 are repeated for each of the despatch units in the shipment on the trip.

- ?Start Time? is the planned arrival time of the first stop of the trip.
- ?End Time? is the planned departure time of the last stop of the trip.
- ?Start Location? is the address of the despatching depot of the trip.

- ?Consignee? is the destination location of the shipment.
- ?WMS Ref? is the customer reference of the unconsolidated transport order or a transport order in the shipment.
- ?Cust Ref? is the delivery point reference of the unconsolidated transport order or a transport order in the shipment.
- ?Con No? is the tracking reference of the shipment (or unconsolidated transport order).

N.B. A shipment may consist of a single transport order.

N.B. ?Totals by TU Category? will be renamed ?Totals by DU Category? and it will be the new DU category.

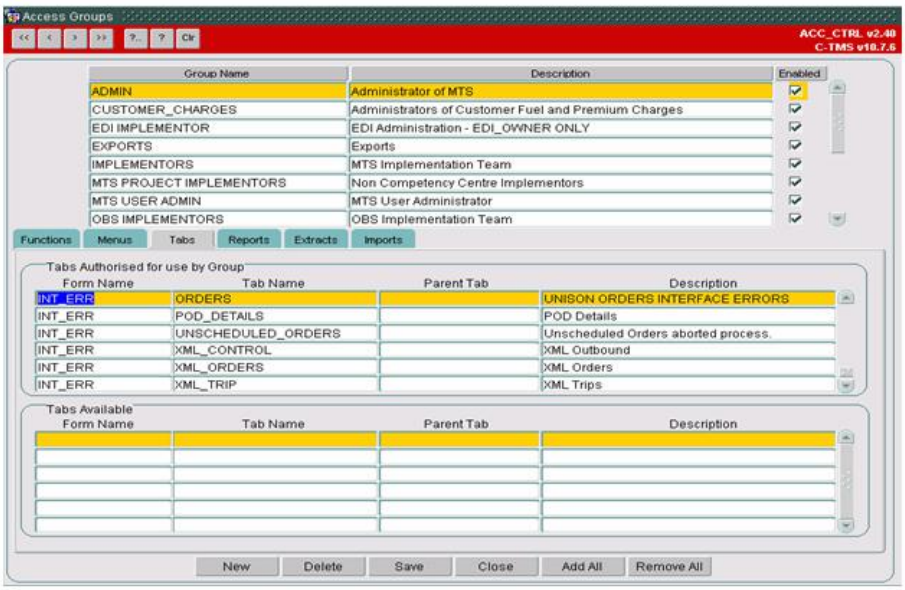
4.12 Interface Errors

A new tab page called ?Carrier Manifests? will be added to the ?Interface Errors? screen.

The new tab page will be setup as follows:

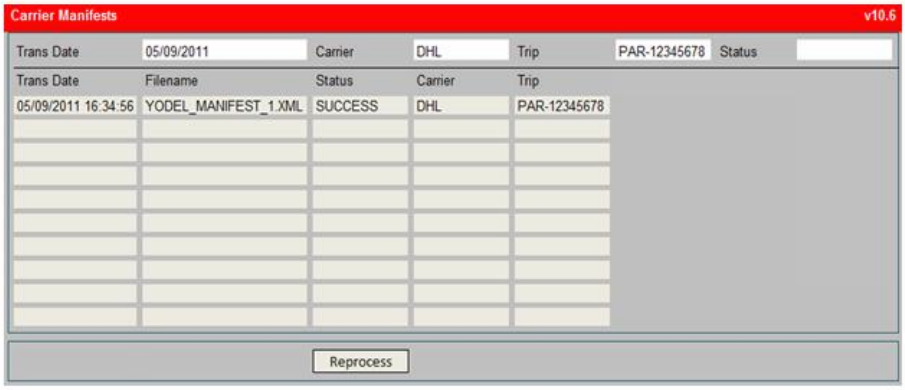
Parameter	Value
Form Name	INT_ERR
Tab Name	CARR_MAN
Description	Carrier Manifests

Access to the new tab page will be controlled by user groups:



The new tab page will display an audit trail of the electronic parcel carrier manifests sent successfully or unsuccessfully to DHL Link for transfer to the carrier assigned to the trip for the shipments.

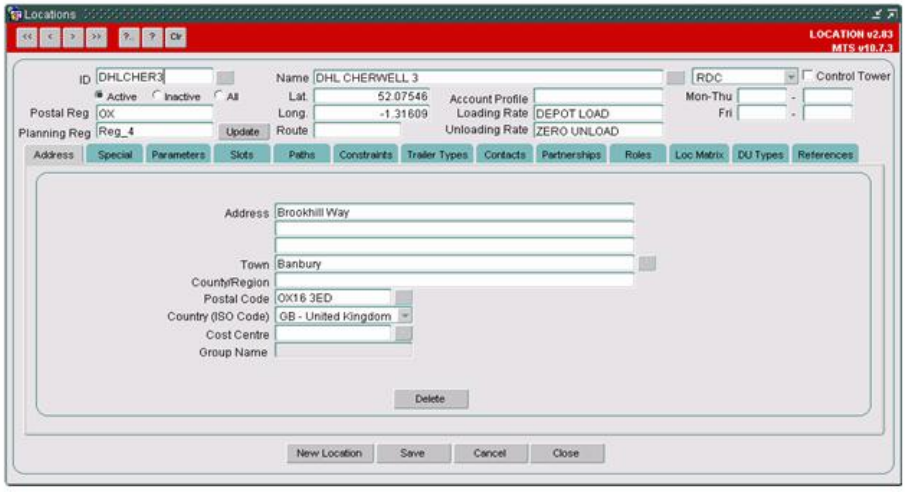
The proposed layout of the new tab page is shown below:



- Clicking ?Reprocess? will re-send the ?FAILED? record.
- ?Trans Date? will be the date when the record was transferred to DHL Link.
- ?Carrier? will be the carrier assigned to the trips.
- ?Trip? will be the trip ID for which the carrier manifest was produced.
- ?Status? will be either PROCESSING?, ?SUCCESS? or ?FAILURE?.

4.13 Parcel Label Formats

Some of the following sample labels have been produced for the following ?From? location:



N.B. If a route is not found for the postcode of the delivery then only the following text will be printed on the label:

?Shipment X - Unable to Route?

A database sequence number will be created for the labels and will be a count of the labels produced per despatch unit. This will be the ?LPN? (?Label Print Number?).

The sequence number will have a maximum value of ?99999999999999999999999?.

N.B. A label will be produced per despatch unit of the shipment, or unconsolidated transport order, and the shipment label will be produced after the last despatch unit label for the order in the shipment has been printed.

4.13.1 Shipment Label

The shipment label will be produced should the combination of carrier/customer/location generate a shipment tracking number as described in section 3.7.1.

N.B. The labels will be printed for each despatch unit in the shipment, or unconsolidated transport order, and then for the shipment itself.

The shipment label will have the same format as the despatch-unit label described in the subsequent sections, except that the label count will always be 1 (e.g. ?1/1? or ?1 of 1?) and any information pertaining to the transport orders contained in the shipment will be obtained from a transport order contained in the shipment (e.g. the special instructions and customer/WMS reference).

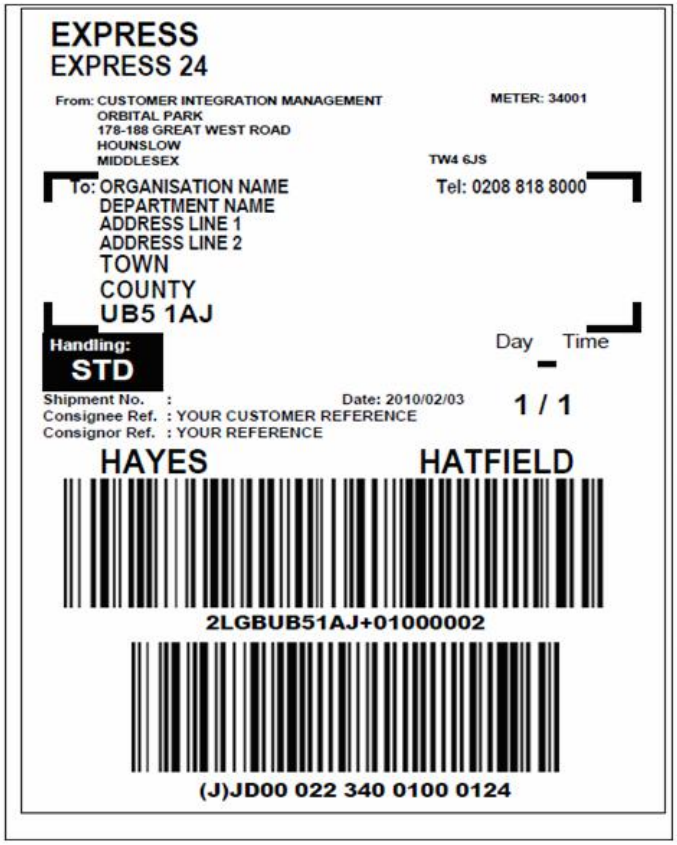
The quantities displayed will be for the despatch units of the shipment and not for the individual transport orders that constitute the shipment. The despatch units and their quantities will be advised in the ?CIPD? message by the packer of the shipment.

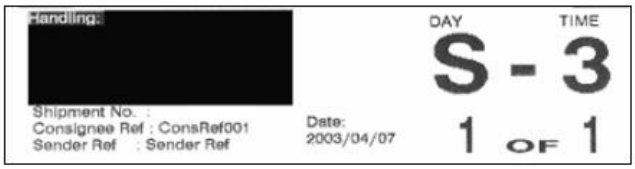
N.B. Prior to the commencement of Project Prospero a shipment will not be generated because the transport orders will not be consolidated into shipments for delivery.

It will be possible for the ?Shipment Tracking Ref? to be setup although a shipment label will only be printed should the criteria described above be satisfied.

4.13.2 Yodel

Template Example:



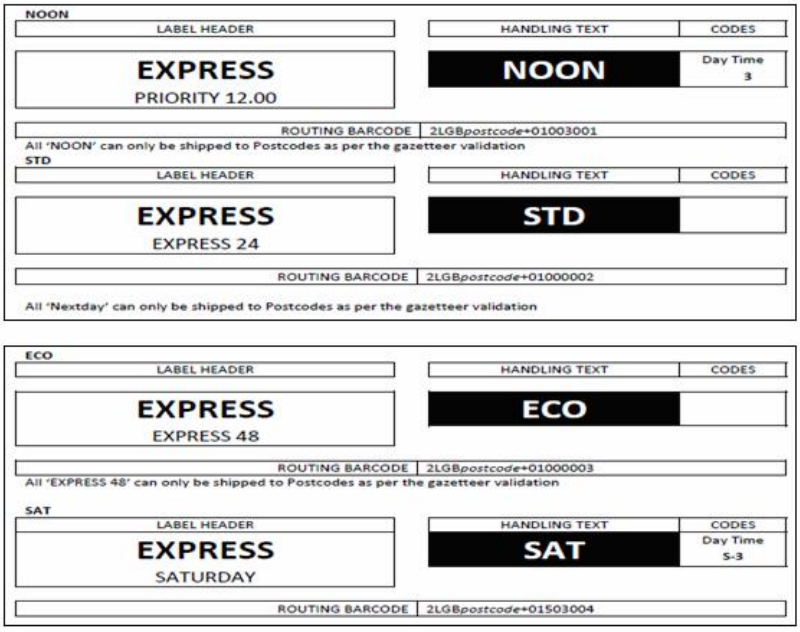


The example label above is based on the Arial font. The following values specify minimum font sizes. However, the maximum height per block has to be considered. Furthermore, the font size for the consignee address must be bigger than the font size for the sender address. For each address, the postcode and town font size must not be smaller than the size of the biggest font used in the respective address.

N.B. ?Font height in mm? and ?Size in dots at 200 dpi? are rounded values and for information purpose only. They have been added to make programming easier

Section	Element	Font Size in pt	Font height in mm	Size in dots at 200 dpi	Font Style
Product line 1	Name of Product	18	6.35	50	Bold
Product Line 2	Name of Product	15	5.29	42	
Ship from address	"From"	8	2.82	22	
	Address	8	2.82	22	
Ship to address	"To"	8	2.82	22	
	Address (name, street)	10	3.53	28	
	Address (zip code, city, country)	11	3.88	31	Bold
	Phone number	10	3.53	28	
Product features	Codes	26	9.18	72	Bold
	Headers	5	1.77	14	
Shipment data	Name of the items, data	8	2.82	22	
	Relative and total number of items (e.g. 2/4)	20	7.06	56	Bold
specific routing information	For "normal text", i.e. for text without special instructions, the font size should not be smaller than the size obtained using Arial 10. Form texts should not be smaller than Arial 8 points or the equivalent.				
Routing information	Routing information	8	2.82	22	
Unique item identifier	Unique item identifier	8	2.82	22	
Version	Label version (recommended size, no minimum)	5	1.77	14	
GTB	GTB reference(recommended size, no minimum)	5	1.77	14	

The illustrations below are the domestic services as they should appear on the label. The text for these services has been taken from the domestic service table. The wording of each service must match exactly as with the values in the service table.



Shipment Information:

A Shipment is an administrative concept that is used to designate one or more items, defined by the carrier, that are to be transported at the same time, with the same service from the same location to the same delivery address.

The shipment is identified by a unique ?shipment number?, assigned by the carrier.

This part of the label contains the following information:

- **Shipment Number**. For the select services this will be the select consignment number. No dummy replacements with incorrect information are allowed. For other movements if this information cannot be specified correctly for consolidated shipments, it must be left out.
- **Consignee Reference**. This is likely to be a key to the receiver?s database, and can be used by the receiver to reference and track items on the web. The Consignee reference is optional and for the receivers internal purposes only.

- **Senders? Reference**. This is likely to be a key to the sender?s database, and can be used by the sender to reference and track items on the web. The sender?s reference is optional and for the sender?s internal purposes only.

- **Shipment Date**. The despatch date of the shipment / item, represented in ISO format (CCYY?MM?DD). This field is not mandatory.

- **Relative Item Number** of the item within a shipment and the total number of items in the shipment. If this information cannot be specified correctly for consolidated shipments, it must be left out. No dummy replacements with incorrect information are allowed.

Routing Barcode:

The routing barcode consists of the following elements the routing barcode must not exceed a length of 91 mm.

SECTION	CONTENT	LENGTH
ANSI Data Identifier	"2L"	A2
ISO country code	Country code of receiver address (see ISO 3166)	A2
Postcode	Postcode of receiver address. Variable length, max. 9 characters; empty in case of country with no postcode system. The postcode may never contain spaces or symbols. See table below	Max. A9
Field separator	"+"	A1
Product codes	See Service Table for product codes	N2
Date Code	As described above '00' if not used	N2
Time Code	As described above '0' if not used	N1
Handling codes	Sum of values of chosen product features (see Handling Table)	N3
Field separator:FNC1	Special Code 128 character, available in all three-code sets.	N1
specific routing codes	Optional, no codes have as yet been introduced	max.N6 or A2

Licence Plate Numbering:

Must begin with a combination of characters, the issuing agency code (IAC), which is assigned by the Registration Authority to the issuing agency. The EAN organisation issues a Licence plate (called the Serial Shipping Container Code, SSCC), with numeric Issuing Agency code. Other issuing agency codes usually contain letters, ?JD00? for Licence Plates issued through the DP EE partnership

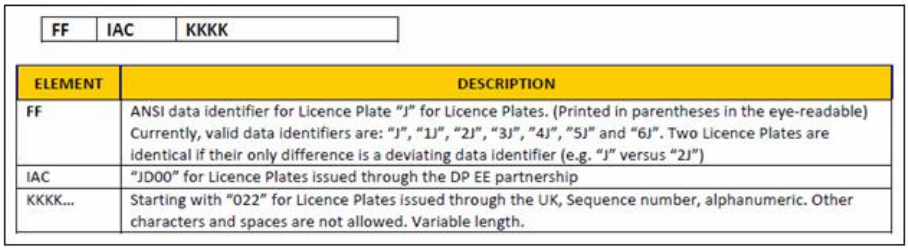
- Must be constructed according to the specification of the issuing agency
- Must be unique so that no user can re?use a number within a sufficiently long time period so that the first number has a unique meaning for every user of this standard. We have decided to set this period to 12 months; recommended for a longer time e.g. 3 years
- May only contain numbers or upper case letters (no lower case letters or other characters). This means only the characters ?0? ? ?9? and ?A? ? ?Z? are allowed; drawn from ISO/IEC 646
- Customers own Licence Plates may not contain more than 35 characters. Because no extra information other than the unique number is expected in the barcode, in practice the barcode will not likely contain more than 20 characters.

The CAS Link system must assign a unique Licence plate to every item:

Customers building CAS Link systems are issued a series of Licence Plate numbers that are part of the range controlled by the DP EE partnership. The numbers allocated, when used according to this specification, comply with the rules of the issuing agency. The Licence Plates are constructed and coded according to the ?ISO Licence plate ANSI Code list? though organisations creating valid Licence Plates using the EAN Code list will not be expected to convert to this standard.

ANSI Code List Elements:

The ANSI code list starts with a data identifier to show that it concerns a Licence plate code, followed by the IAC code and the sequence number. The sequence number contains a reference number (supplied by the issuing agency) followed by a sequence number, generated by the client. In this way uniqueness can be guaranteed, whilst allowing the CAS to generate numbers within a number range.



FF	IAC	KKKK

ELEMENT	DESCRIPTION
FF	ANSI data identifier for Licence Plate "J" for Licence Plates. (Printed in parentheses in the eye-readable) Currently, valid data identifiers are: "J", "1J", "2J", "3J", "4J", "5J" and "6J". Two Licence Plates are identical if their only difference is a deviating data identifier (e.g. "J" versus "2J")
IAC	"JD00" for Licence Plates issued through the DP EE partnership
KKKK...	Starting with "022" for Licence Plates issued through the UK, Sequence number, alphanumeric. Other characters and spaces are not allowed. Variable length.

N.B. The ANSI data identifier is NOT part of the Licence Plate! It does not have to be considered when determining the length of the Licence Plate.

Plausibility Checks:

The following plausibility checks will be applied to the item identification barcode (this means, we will not accept Licence Plates that do not meet the following requirements):

- On any item, there is to be only one Licence plate
- The Licence plate may not be identical to a Licence plate that has already been processed within one year.
- The Licence plate must be the last barcode present on the label. On landscape type labels the positioning must be bottom right of the label.

ANSI Code List:

Any linear barcode using barcode symbology CODE 128 or Code 39 and starting with the ANSI Data Identifier J, 1J, 2J, 3J, 4J, 5J or 6J will be considered the (ANSI) Licence Plate of the item. The identifier is printed in parenthesis in the eye?readable representation of the Licence plate. We will apply the following plausibility checks:

- The Licence plate must not contain more than 35 characters
- The Licence plate may only contain numeric and upper case alphabetic characters drawn from ISO/IEC 646 ? they must not include any lower case character or punctuation mark.
- The Licence plate must start with a string of characters representing an issuing agency assigned by ISO. See the table below for the current issuing agency codes (IAC).

EAN Code List for Licence Plates:

Any linear barcode using barcode type EAN128 and starting with the special character FNC1 and EAN Application Identifier ?JD? will be considered the (EAN) Licence Plate of the item. In this case we will apply the following plausibility checks:

- The Licence plate must contain 16 characters (not counting the ?JD? application identifier).
- The Licence plate shall only contain numeric characters excluding 2 digit IAC identifier

Licence Plate Barcode:

In order to ensure that Item Number and Licence Plate identifiers are unique we will issue ranges of numbers to be used in generating these identifiers. The CAS Link system must not create numbers outside these ranges nor may it create duplicate numbers inside a reasonable time scale. When a range expires the numbers are re?cycled but there must be NO repetition of Licence Plate identifier within one calendar year.

Customers upgrading existing systems must create a method to create and record Licence Plate numbers and make sure the same Licence Plate number is not repeated within 12 months.

Shipment reference numbers or Consignment numbers should also be kept unique ensuring the shipment or consignment can be effectively tracked using this number. Guidance is given here and a range of numbers will be allocated for the Select consignment numbers.

For CAS Link installations the Licence Plates will always be an 18?character code with a layout as shown below:

(J) F IAC KKK A B C d e 1 2 3 4 5 6

The leading ?(J)? is ignored for identification purposes but must be included in the LP barcode and the parentheses only appear in the eye?readable representation. The first significant set of characters (F IAC KKK) (as described above) will be for example ?JD00 022? (or ?JD00 026? for Eire). Next an identifier of 5 digits followed by a range of 6 digits. The size of

the identifier and the number of digits in the range will depend on the size of range that has to be allocated to cope with the projected parcel volumes.

When the upper limit of this range has been reached the system will have to start back at the lowest number in the range.

DHL will supply an 11 digit pool number range so the CAS system can create the 18 digit (19 digits with leading identifier) Licence Plate Barcode identifier and the 18 digit eye?readable number (19 digits with leading identifier).

The Licence Plate Barcode identifier is made up from a static prefix of eight alphanumeric characters, for example: JJD00022 for UK followed by the pool number.

Example Licence Plate Barcode for pool number 98765000001:

JJD0002298765000001

The eye?readable number including spacing would be:

(J)JD00 022 987 6500 0001

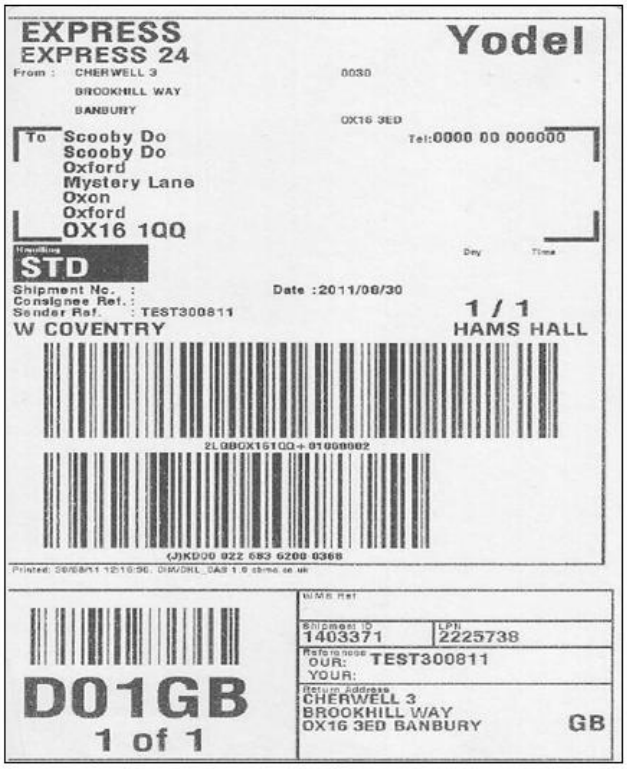
Licence Plates identifiers are allocated in a straight numeric sequence start at the lower limit and increment by 1 every time you generate a shipping label.

N.B. The eye?readable Licence Plate number is prefixed with ?(J)? ? shown without the brackets in the barcode, the spacing required for the eye readable Licence Plate numbers is:

(J)JD00 022 123 1234 1234

The qualifier J in brackets followed by the first 4 characters JD00, then a space, then the country code 022 (or 026 if shipped from Ireland), then a space, followed by the next three characters, then a space, followed by the remaining eight characters in two groups of four.

Physical Example:



The Yodel parcel label will contain the following information:

	Example	Database Item	Notes
1	EXPRESS	CAR_GAZ_SERVICE.PRODUCT_LINE_1	
2	EXPRESS 24	CAR_GAZ_SERVICE.PRODUCT_LINE_2	
3	**Yodel**		**Text**
4	**From :**		**Text**
5	CHERWELL 3	GEO_LOCATION.LOCATION_NAME	
6	Blank	GEO_LOCATION.ADDRESS_LINE1	
7	BROOKHILL WAY	GEO_LOCATION.ADDRESS_LINE2	
8	BANBURY	GEO_LOCATION.TOWN	
9	Blank	GEO_LOCATION.COUNTY	
10	OX16 3ED	GEO_LOCATION.POSTCODE	
11	Blank	GEO_LOCATION.COUNTRY_CODE	
12	0030	REV_COST_CENTRE.METER_NUMBER	
13	**To**		**Text**
14	Scooby Do	GEO_LOCATION.LOCATION_NAME	
15	Scooby Do	GEO_LOCATION.ADDRESS_LINE1	
16	Oxford	GEO_LOCATION.ADDRESS_LINE2	
17	Mystery Lane	GEO_LOCATION.ADDRESS_LINE3	
18	Oxford	GEO_LOCATION.TOWN	
19	Oxon	GEO_LOCATION.COUNTY	
20	OX16 3ED	GEO_LOCATION.POSTCODE	
21	**Tel:**		**Text**
22	0000 00 000000	GEO_LOCATION.PHONE	
23	**Handling**		**Text**
24	STD	CAR_GAZ_SERVICE.HANDLING_TEXT	
25	**Day**		**Text**
26	Blank	CAR_GAZ_SERVICE.DAY_TEXT	
27	**Time**		**Text**
28	Blank	CAR_GAZ_SERVICE.TIME_TEXT	
29	**Shipment No. :**		**Text**
30	Blank	SCH_ORD.SHIPMENT_ID	
31	**Date :**		**Text**
32	2011/08/30	SCH_ORD.EARLY_DEL	
33	**Consignee Ref. :**		**Text**
34	Blank	SCH_ORD.DEP_POINT_REF	
35	**Sender Ref. :**		**Text**
36	TEST300811	SCH_ORD.EXTERNAL_REF	
37	1/1	Count	
38	W COVENTRY	CAR_GAZ_REAMUSID.LOCATION_NAME	
39	HAMS HALL	CAR_GAZ_REAMUSID.LOCATION_NAME	
40	**BARCODE1**		**Barcode**
41	2LGBOX161QQ+81000002	Calculated	
42	**BARCODE2**		**Barcode**
43	(J)KD00 022 683 6200 0368	Calculated	
44	**Printed:**		**Text**
45	30/08/11 12:16:36.	SYSTIME	
46	**CIM/DHL CAS 1.0 cbmc.co.uk**		**Text**
47	**BARCODE3**		**Barcode**
48	D01GB	SCH_TRIP.CARRIER_ID + RES_CARRIER.COUNTRY_CODE	
49	1 of 1	Count	
50	**WMS Ref**		**Text**
51	Blank	SCH_ORD.EXTERNAL_REF	
52	**Shipment ID**		**Text**
53	1403371	SCH_ORD.SHIPMENT_ID	
54	**LPN**		**Text**
55	2225738	Calculated	
56	**Reference**		**Text**
57	**OUR :**		**Text**
58	TEST300811	SCH_ORD.EXTERNAL_REF	
59	**YOUR :**		**Text**
60	Blank	Blank	
61	**Return Address**		**Text**
62	CHERWELL 3	GEO_LOCATION.LOCATION_NAME	
63	BROOKHILL WAY	GEO_LOCATION.ADDRESS_LINE1	
64	OX16 3ED	GEO_LOCATION.POSTCODE	
65	BANBURY	GEO_LOCATION.TOWN	
66	GB	GEO_LOCATION.COUNTRY_CODE	

Boxes will also be printed as shown in the example above.

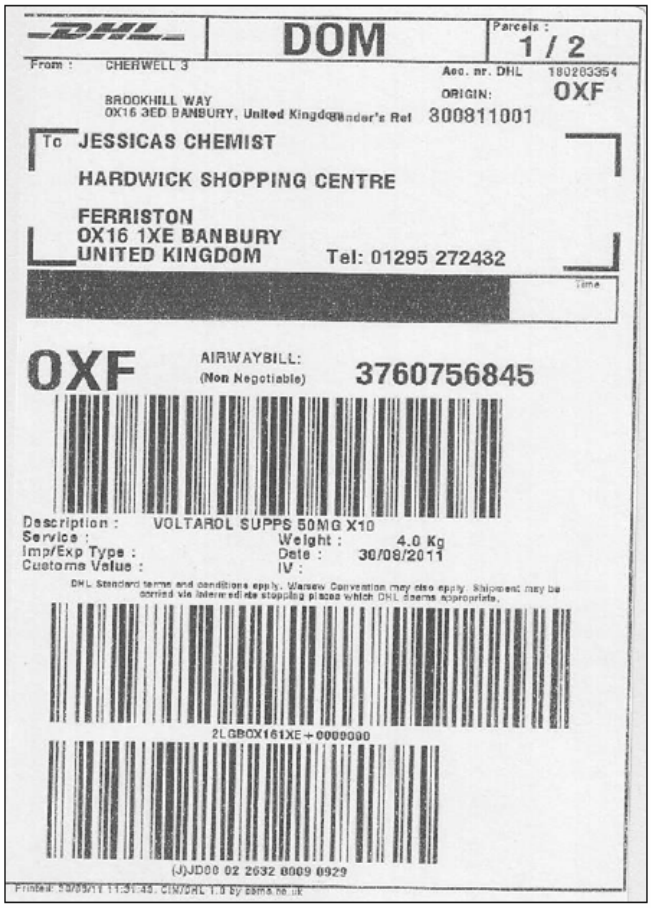
- The ?To? address in rows 13-21 refers to the delivery address of the shipment.
- The ?From? and ?Return? addresses in rows 3-10 and 61-65 refers to the from location of the shipment.
- The count refers to the number of despatch units in the shipment.
- ?EXPRESS? is the product service type of the carrier from the gazetteer.
- ?Handling? will be the handling/feature text from the gazetteer.

- ?Shipment No? and ?Shipment ID? will be the shipment ID generated for the OMS reference of the shipment for the transport order if it has been consolidated into a shipment, otherwise it will be for the OMS reference of the transport order.
- ?Consignee Ref? will be the delivery point reference of the unconsolidated transport order or a transport order in the shipment.
- ?Sender Ref? and ?OUR? will be the customer reference of the unconsolidated transport order or a transport order in the shipment
- ?W COVENTRY? is the name of the service centre of the delivery location.
- ?HAMS HALL? is the name of the sortation hub of the delivery location.
- ?BARCODE1? will be the routing barcode based on the service information in the gazetteer.
- ?BARCODE2? will be the licence plate barcode.
- ?BARCODE3? will be the carrier barcode.
- Text ?CIM/DHL CAS 1.0 cbmc.co.uk? will be replaced by ?Calidus TMS by http://www.obs-logistics.com?.
- ?WMS Ref? will be the customer reference.
- ?LPN? will be obtained from the licence plate number set for ?BARCODE3?.
- ?OUR? will be the customer reference.
- ?Return Address? will be the same as the despatching depot.

N.B. If a despatch-unit label is printed for a shipment then the despatch-unit quantities of the shipment will be used to decide how many labels will be printed. The ?Consignee Ref?, ?Sender Ref?, ?WMS Ref? and ?OUR? references will be blank because they pertain to the transport order. The shipment reference will then be the OMS reference of the shipment.

If it is printed for a transport order then the despatch-unit quantities of the transport order will be used to decide how many labels will be printed. The references for the transport order can then be displayed. The shipment reference will then be the OMS reference of the transport order.

4.13.3 DHL EXpress



The DHL TD parcel label will contain the following information:

	Example	Database Item	Notes
1	**DHL**		**Logo**
2	DOM	RES_CARRIER_SERVICES.SERVICE_TYPE	
3	**Parcels :**		**Text**
4	1 / 2	Count	
5	**From :**		**Text**
6	CHERWELL 3	GEO_LOCATION.LOCATION_NAME	
7	Blank	GEO_LOCATION.ADDRESS_LINE1	
8	Blank	GEO_LOCATION.ADDRESS_LINE2	
9	BROOKHILL WAY	GEO_LOCATION.ADDRESS_LINE3	
10	OX16 3ED	GEO_LOCATION.POSTCODE	
11	BANBURY	GEO_LOCATION.TOWN	
12	United Kingdom	GEO_COUNTRY.COUNTRY_NAME	
13	**Acc. Nr. DHL**		**Text**
14	180283354	RES_CARRIER_CONFIG.ACCOUNT_NUMBER	
15	**ORIGIN:**		**Text**
16	OXF	GEO_LOCATION.COLLECT_DEPOT	
17	**Sender's Ref**		**Text**
18	300811001	SCH_ORD.EXTERNAL_REF	
19	**To**		**Text**
20	JESSICAS CHEMIST	GEO_LOCATION.LOCATION_NAME	
21	HARDWICK SHOPPING CENTRE	GEO_LOCATION.ADDRESS_LINE1	
22	Blank	GEO_LOCATION.ADDRESS_LINE2	
23	FERRISTON	GEO_LOCATION.ADDRESS_LINE3	
24	OX16 1XE	GEO_LOCATION.POSTCODE	
25	BANBURY	GEO_LOCATION.TOWN	
26	UNITED KINGDOM	GEO_COUNTRY.COUNTRY_NAME	
27	**Tel:**		**Text**
28	01295 272432	GEO_LOCATION.PHONE	
29	**BLOCK**	Calculated	**Block**
30	**Time**		**Text**
31	Blank	Blank	
32	OXF	RES_CARRIER_ROUTING.SORTATION_HUB	
33	**AIRWAYBILL:**		**Text**
34	**(Non Negotiable)**		**Text**
35	376056845	SCH_ORD_TRACKING.TRACKING_NO	
36	**BARCODE1**		**Barcode**
37	**Description :**		**Text**
38	VOLTAROL SUPPS 50MG X10	SCH_ORD_ITEMS.ITEM_DECRIPTION	
39	**Service :**		**Text**
40	Blank	Calculated	
41	**Weight :**		**Text**
42	4.0 Kg	SCH_ORD.TOTAL_WEIGHT	
43	**Imp/Exp Type :**		**Text**
44	Blank	Blank	
45	**Date :**		**Text**
46	30/08/2011	SCH_ORD.EARLY_DEL	
47	**Customs Value :**		**Text**
48	Blank	Blank	
49	**IV :**		**Text**
50	Blank	Blank	
51	**DHL Standard terms and conditions apply. Warsaw Convention may also apply. Shipment may be carried via intermediate stopping places which DHL deems appropriate.**		**Text**
52	**BARCODE2**		**Barcode**
53	2LGBOX161XE+0000000	Calculated	
54	**BARCODE3**		**Barcode**
55	(J)JD00 02 2632 0009 0929	Calculated	
56	**Printed:**		**Text**
57	30/08/11 12:16:36.	SYSTIME	Time
58	**CIM/DHL CAS 1.0 cbmc.co.uk**		**Text**

Boxes will also be printed as shown in the example above.

- The ?To? address in rows 19-26 refers to the delivery address of the shipment.
- The ?From? address in rows 6-11 refers to the from location of the shipment.
- The counts refer to the number of despatch units in the shipment, or unconsolidated transport order.
- ?ORIGIN? is the collecting depot code for the ?From? address as maintained in the ?Locations? maintenance screen.
- ?Sender?s Ref? is the customer reference of the unconsolidated transport order or a transport order in the shipment
- The ?Handling? code may be calculated from the label specification and included in the block in inverse video.

- ?OXF? is the sortation hub for the delivery location of the order.
- ?AIRWAYBILL? is the tracking reference number for the despatch-unit level.
- ?Service? is the customs duty for exports (i.e. ?DDU? for ?Delivered Duty Unpaid?).
- ?Weight? is the shipment weight (or the unconsolidated transport order weight).
- Text ?CIM/DHL CAS 1.0 cbmc.co.uk? will be replaced by ?Calidus TMS by http://www.obs-logistics.com?.

N.B. If a despatch-unit label is printed for a shipment then the despatch-unit quantities of the shipment will be used to decide how many labels will be printed. The ?Sender?s Ref? reference will be blank because it pertains to the transport order. The shipment reference will then be the OMS reference of the shipment.

If it is printed for a transport order then the despatch-unit quantities of the transport order will be used to decide how many labels will be printed. The reference for the transport order can then be displayed. The shipment reference will then be the OMS reference of the transport order.

4.13.4 Movianto

The label is produced using barcode39 fonts and has the following format:

?CCCC-XXXXXX-NNN-YYY?

For a ?Glaxo? (GSK) consignment this could read as follows:

GLAS-123456-001-PAL GLAS-123456-002-CTN (This would be a Scheduled order with both a Carton and a Pallet on it)

GLAU-123457-001-CTN GLAU-123457-002-CTN (This would be an Urgent order with 2 Cartons on it)

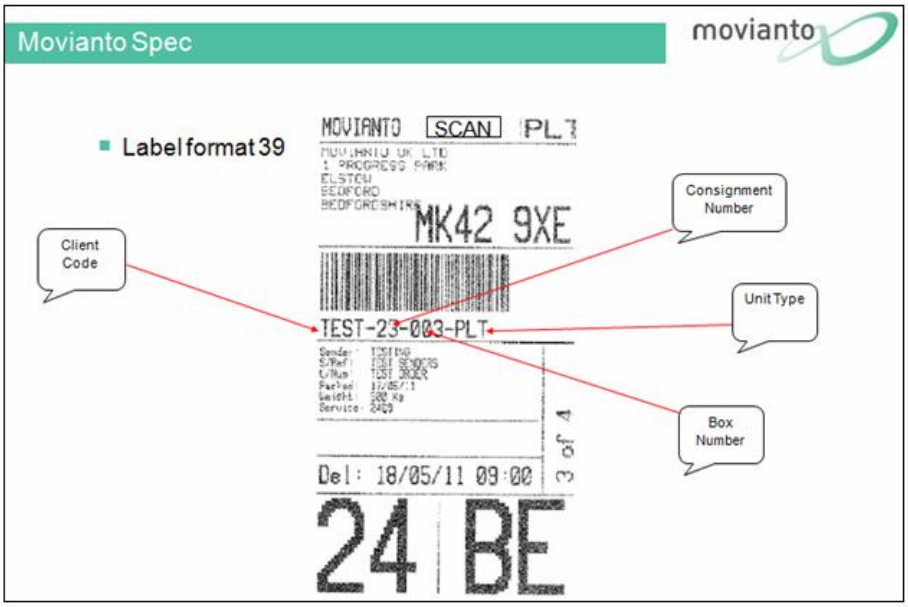
GLAV-123458-001-CTN (This would be a Vaccine order with 1 Carton on it)

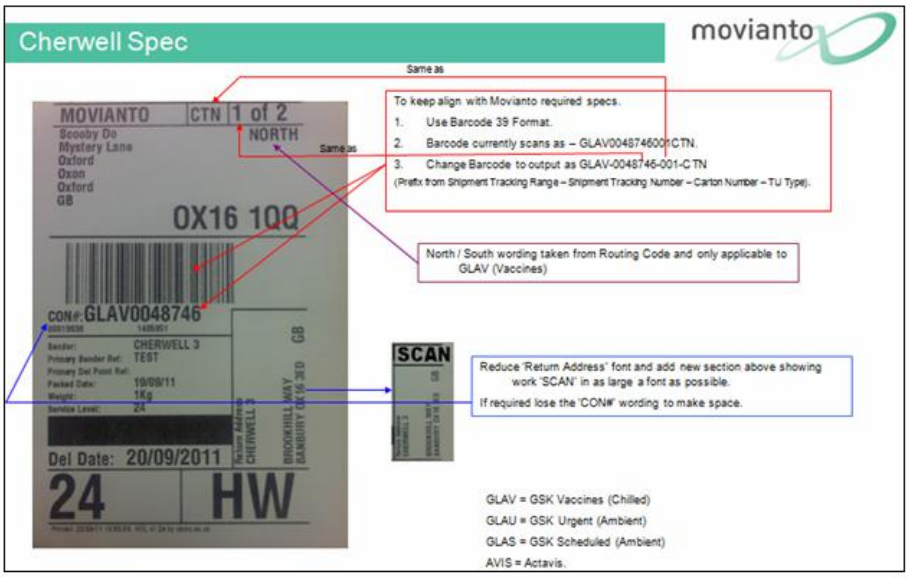
N.B. The same format will be used for the ?Vaccine?, ?Urgent? and ?Scheduled? examples from the ?Cherwell? depot except that the ?Vaccine? will have a ?NORTH? or ?SOUTH? indicator. An example of the ?Vaccine? label is shown in the subsequent sections.

N.B. The following ?Movianto Spec? example is the standard Movianto format and it will be used for deliveries not originating in the ?Cherwell? depot. These new formats will be used and the ?Vaccine Example? will follow these formats in the future.

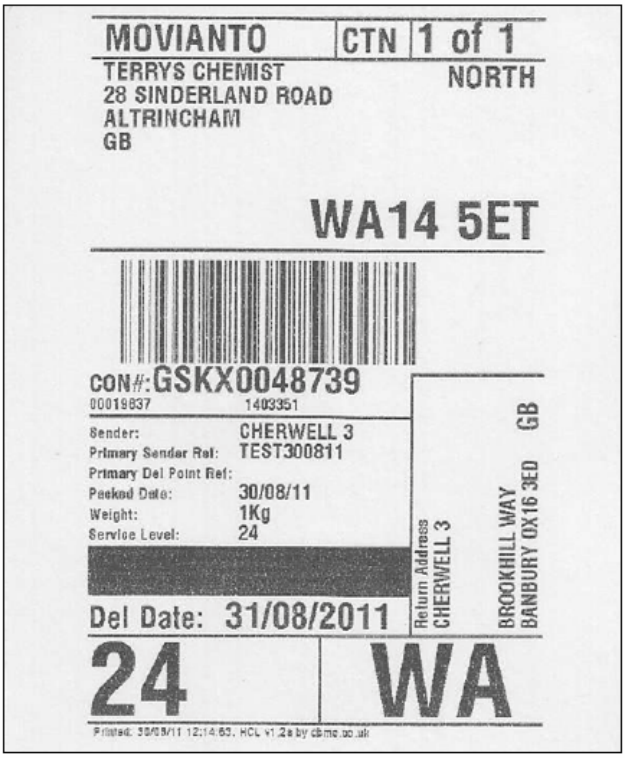
N.B. If the service level is not found then it will print ?Service Level Not Supported? in the place of the service level.

4.13.4.1 Technical Examples





4.13.4.2 Vaccine Example



The Movianto parcel label will contain the following information:

	Example	Database Item	Notes
1	MOVIANTO		Text
2	CTN	SCH_ORDER_LINE.DU_TYPE	
3	1 of 1	Count	
4	TERRYS CHEMIST	GEO_LOCATION.LOCATION_NAME	
5	28 SINDERLAND ROAD	GEO_LOCATION.ADDRESS_LINE1	
6	Blank	GEO_LOCATION.ADDRESS_LINE2	
7	Blank	GEO_LOCATION.ADDRESS_LINE3	
8	ALTRINCHAM	GEO_LOCATION.TOWN	
9	GB	GEO_LOCATION.COUNTRY_CODE	
10	WA14 5ET	GEO_LOCATION.POSTCODE	
11	NORTH	RES_CARRIER_ROUTING.DIRECTION	
12	BARCODE		Barcode
13	CON#:		Text
14	GSKX0048739	SCH_ORD_TRACKING.TRACKING_REF	
15	00019837	SCH_ORD_TRACKING.TRACKING_NO	
16	1403351	SCH_ORD.SHIPMENT_ID	
17	Sender:		Text
18	CHERWELL 3	GEO_LOCATION.LOCATION_NAME	
19	Primary Sender Ref:		Text
20	TEST300811	SCH_ORD.EXTERNAL_REF	
21	Primary Del Point Ref:		Text
22	Blank	SCH_ORD.DEL_POINT_REF	
23	Packed Date:		Text
24	30/08/11	SCH_ORD.PACKED_DATE	
25	Weight:		Text
26	1Kg	SCH_ORD.TOTAL_WEIGHT	
27	Service Level:		Text
28	24	RES_CARRIER_SERVICES.SERVICE_TYPE	
29	BLOCK	Calculated	Block
30	Del Date:		Text
31	31/08/2011	SCH_ORD.EARLY_DEL	
32	Return Address		Text
33	CHERWELL 3	GEO_LOCATION.LOCATION_NAME	
34	Blank	GEO_LOCATION.ADDRESS_LINE1	
35	Blank	GEO_LOCATION.ADDRESS_LINE2	
36	BROOKHILL WAY	GEO_LOCATION.ADDRESS_LINE3	
37	BANBURY	GEO_LOCATION.TOWN	
38	OX16 3ED	GEO_LOCATION.COUNTRY_CODE	
39	GB	GEO_LOCATION.POSTCODE	
40	24	RES_CARRIER_SERVICES.SERVICE_TYPE	
41	WA	RES_CARRIER_ROUTING.DEPOT_LABEL	
42	Printed:		Text
43	30/08/11 12:14:53.	SYSTIME	
44	HCL v1.2a by cbmc.co.uk		Text

Boxes will also be printed as shown in the example above.

- ?CTN? is the despatch unit type.
- The ?To? address in rows 4-8 refers to the delivery address of the shipment.
- The ?Return? address in rows 31-37 refers to the from location of the shipment.
- The counts refer to the number of despatch units in the shipment (or transport order).
- The barcode includes the shipment tracking reference displayed beneath.
- ?00019837? is the tracking number of the despatch unit.
- ?1403351? will be the shipment ID genertated for the OMS reference of the shipment for the transport order if it has been consolidated into a shipment, otherwise it will be for the OMS reference of the transport order.
- ?Primary Sender Ref? is the customer reference of the unconsolidated transport order or a transport order in the shipment.
- ?Primary Del Point Ref? is the delivery point reference of the unconsolidated transport order or a transport order in the shipment.
- ?Weight? is the shipment weight (or the unconsolidated transport order weight).
- The ?BLOCK? will contain text to indicate chilled items (e.g. ?CHILLCARE 2-8o? for vaccines).
- ?Sender? and ?Return Address? are the from location of the shipment.
- Text ?HCL v1.2a by cbmc.co.uk? will be replaced by ?Calidus TMS by http://www.obs-logistics.com?.

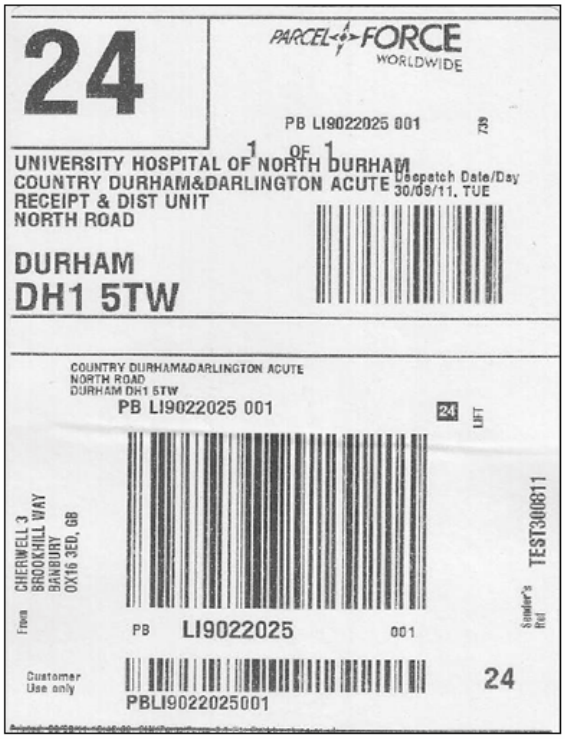
N.B. The new Movianto format includes ?SCAN? in the ?Return Address? section; the direction only is only displayed for ?Vaccine? orders; the tracking reference has a new format.

N.B. If a despatch-unit label is printed for a shipment then the despatch-unit quantities of the shipment will be used to decide how many labels will be printed. The ?Primary Sender Ref? and ?Primary Del Point Ref? references will be blank because they pertain to the transport order. The shipment reference will then be the OMS reference of the shipment.

If it is printed for a transport order then the despatch-unit quantities of the transport order will be used to decide how many labels will be printed. The references for the transport order can then be displayed. The shipment

reference will then be the OMS reference of the transport order.

4.13.5 Parcelforce



N.B. Parcelforce labels will only be produced in the domestic-label format.

Service Code

If a consignment is due to be delivered on a Saturday, then the word ?SATURDAY? needs to be printed on the label, as shown in the example below. All other aspects of the label for deliveries on Saturday are identical to the standard domestic label:

The service code will contain the label content service indicator for the corresponding Parcelforce service that the consignment is being shipped on, as shown in the following table:

Parcelforce Service	Label Content Service Indicator
Express24	24
Express9	09
Express10	10
ExpressAM	AM
ExpressPM	PM
Express48	48
Express48large	48L

Despatch Date

The despatch date will be the date on which Parcelforce will COLLECT the consignment for delivery.

Postcode Barcode

The postcode barcode (i.e. ?BARCODE1?) should contain only the outward portion of the postcode. The postcode

barcode value should be delimited by an asterisk on either side:

Receiver Postcode	Barcode Content
DH1 5TW	*DH1*

Consignment Barcode

The format of the consignment barcode (i.e. ?BARCODE2? and ?BARCODE3?) content is:

- ?PB? Prefix
- Consignment Number (2 alpha, 7 digit)
- Parcel Number; 001, 002, 003, etc.

The Parcelforce label will contain the following information:

	Example	Database Item	Notes
1	24	RES_CARRIER_SERVICES.SERVICE_TYPE	
2	**Blank**	'SATURDAY'	**Text**
3	**Blank**	'SATURDAY'	**Text**
4	**PARCELFORCE WORLDWIDE**		**Logo**
5	PB LI9022025 001	SCH_ORD_TRACKING.TRACKING_REF	
6	**739**		**Text**
7	1 OF 1	Count	
8	UNIVERSITY HOSPITAL OF NORTH DURHAM	GEO_LOCATION.LOCATION_NAME	
9	COUNTRY DURHAM&DARLINGTON ACUTE	GEO_LOCATION.ADDRESS_LINE1	
10	RECEIPT & DIST UNIT	GEO_LOCATION.ADDRESS_LINE2	
11	NORTH ROAD	GEO_LOCATION.ADDRESS_LINE3	
12	DURHAM	GEO_LOCATION.TOWN	
13	DH1 5TW	GEO_LOCATION.POSTCODE	
14	**Despatch Date/Day**		**Text**
15	30/08/11.	SCH_ORD.EARLY_DEL	
16	TUE	SCH_ORD.EARLY_DEL	
17	**BARCODE1**	GEO_LOCATION.POSTCODE	**Barcode**
18	Blank	SCH_ORD.SPECIAL_INSTRUCTIONS	
19	COUNTRY DURHAM&DARLINGTON ACUTE	GEO_LOCATION.ADDRESS_LINE1	
20	NORTH ROAD	GEO_LOCATION.ADDRESS_LINE3	
21	DURHAM	GEO_LOCATION.TOWN	
22	DH1 5TW	GEO_LOCATION.POSTCODE	
23	PB LI9022025 001	SCH_ORD_TRACKING.TRACKING_REF	
24	24	RES_CARRIER_SERVICES.SERVICE_TYPE	
25	**LIFT**		**Text**
26	**From**		**Text**
27	CHERWELL 3	GEO_LOCATION.LOCATION_NAME	
28	BROOKHILL WAY	GEO_LOCATION.ADDRESS_LINE1	
29	BANBURY	GEO_LOCATION.POSTCODE	
30	OX16 3ED,	GEO_LOCATION.TOWN	
31	GB	GEO_LOCATION.COUNTRY_CODE	
32	**BARCODE2**		**Barcode**
33	PB LI9022025 001	SCH_ORD_TRACKING.TRACKING_REF	
34	**Sender's Ref:**		**Text**
35	TEST300811	SCH_ORD.EXTERNAL_REF	
36	**Customer Use only**		**Text**
37	**BARCODE3**		**Barcode**
38	PBLI9022025001	SCH_ORD_TRACKING.TRACKING_REF	
39	24	RES_CARRIER_SERVICES.SERVICE_TYPE	
40	**Printed...**		**Text**

Boxes will also be printed as shown in the example above.

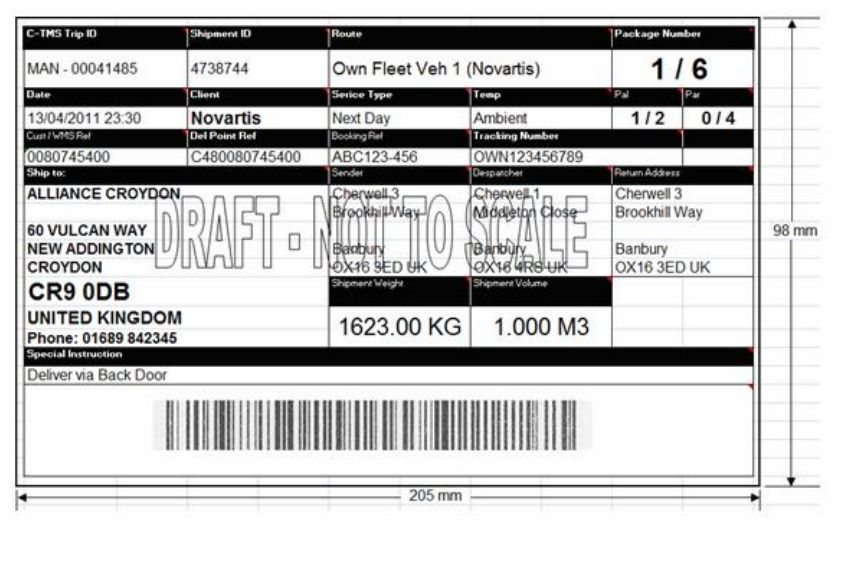
- The tracking reference is for the despatch unit.
- The ?To? address in rows 6-11 and 17-20 refers to the delivery address of the shipment (or transport order).
- The ?From? address in rows 25-29 refers to the from location of the shipment.
- The count refers to the number of despatch units in the shipment (or unconsolidated transport order).
- The barcodes will be in ?Code 128? format.
- ?BARCODE1? will use the postcode prefix.
- The ?Saturday? indicator will be printed for deliveries made on a Saturday only.
- ?LPN? is the licence plate number.
- ?Sender?s Ref? is the customer reference of the unconsolidated transport order or a transport order in the shipment
- Text will be ?Printed: {SYSTIME} by Calidus TMS by http://www.obs-logistics.com?.

N.B. If a despatch-unit label is printed for a shipment then the despatch-unit quantities of the shipment will be used to decide how many labels will be printed. The ?Sender?s Ref? reference will be blank because it pertains to the transport order. The shipment reference will then be the OMS reference of the shipment.

If it is printed for a transport order then the despatch-unit quantities of the transport order will be used to decide how many labels will be printed. The reference for the transport order can then be displayed. The shipment reference will then be the OMS reference of the transport order.

4.13.6 Standard1

N.B. This label will be rotated 90 degrees clockwise when printed (i.e. the layout will be ?Landscape? and not ?Portrait? as for the other labels).



In this example, the sequence of the counts is shown below:

Package Number	Pal	Par
1/6	1/2	0/4
2/6	2/2	0/4
3/6	0/2	1/4
4/6	0/2	2/4
5/6	0/2	3/4
6/6	0/2	4/4

The ?Standard1? parcel label will contain the following information:

	Example	Database Item	Notes
1	CTMS Trip ID		Text
2	MAN-00041485	SCH_TRIP.TRIP_ID	
3	Shipment ID		Text
4	4738744	SCH_ORD.SHIPMENT_ID	
5	Route		Text
6	Own Fleet Veh 1 (Novartis)	RTE_ROUTE.ROUTE_NAME	
7	Package Number		Text
8	1/6	Count	
7	Date		Text
8	13/04/2011 23:30	SCH_ORD.LATE_DEL	
9	Client		Text
10	Novartis	ORG_CUSTOMER.CUSTOMER_NAME	
11	Service Type		Text
12	Next Day	RES_CARRIER_SERVICES.SERVICE_TYPE	
13	Temp		Text
14	Ambient	SCH_ORD.TEMP_COMBO_ID	
15	Pal		Text
16	1/2	Count	
17	Par		Text
18	0/4	Count	
19	Cust / WMS Ref		Text
20	0080745400	SCH_ORD.EXTERNAL_REF	
21	Del Point Ref		Text
22	C480080745400	SCH_ORD.DEL_POINT_REF	
23	Booking Ref		Text
24	ABC123-456	SCH_ORD.BOOKING_REF	
25	Tracking Number		Text
26	OWN123456789	SCH_ORD_TRACKING.TRACKING_REF	
27	Ship To		Text
28	ALLIANCE CROYDON	GEO_LOCATION.LOCATION_NAME	
29	Blank	GEO_LOCATION.ADDRESS_LINE1	
30	60 VULCAN WAY	GEO_LOCATION.ADDRESS_LINE2	
31	NEW ADDINGTON	GEO_LOCATION.ADDRESS_LINE3	
32	CROYDON	GEO_LOCATION.TOWN	
33	CR9 0DB	GEO_LOCATION.POSTCODE	
34	UNITED KINGDOM	GEO_COUNTRY.COUNTRY_NAME	
35	Phone:		Text
36	01689 842345	GEO_LOCATION.PHONE	
37	Sender		Text
38	Cherwell 3	GEO_LOCATION.LOCATION_NAME	
39	Brookhill Way	GEO_LOCATION.ADDRESS_LINE1	
40	Blank	GEO_LOCATION.ADDRESS_LINE2	
41	Banbury	GEO_LOCATION.TOWN	
42	OX16 3ED	GEO_LOCATION.POSTCODE	
43	UK	GEO_LOCATION.COUNTRY_CODE	
44	Despatcher		Text
45	Cherwell 1	GEO_LOCATION.LOCATION_NAME	
46	Middleton Close	GEO_LOCATION.ADDRESS_LINE1	
47	Blank	GEO_LOCATION.ADDRESS_LINE2	
48	Banbury	GEO_LOCATION.TOWN	
49	OX16 3ED	GEO_LOCATION.POSTCODE	
50	UK	GEO_LOCATION.COUNTRY_CODE	
51	Return Address		Text
52	Cherwell 3	GEO_LOCATION.LOCATION_NAME	
53	Brookhill Way	GEO_LOCATION.ADDRESS_LINE1	
54	Blank	GEO_LOCATION.ADDRESS_LINE2	
55	Banbury	GEO_LOCATION.TOWN	
56	OX16 3ED	GEO_LOCATION.POSTCODE	
57	UK	GEO_LOCATION.COUNTRY_CODE	
58	Shipment Weight		Text
59	1623.00 KG	SCH_ORD.TOTAL_WEIGHT	
60	Shipment Volume		Text
61	1.000 M3	SCH_ORD.TOTAL_VOLUME	
62	Special Instruction		Text
63	Deliver via Back Door	SCH_ORD.SPECIAL_INSTRUCTIONS	
64	BARCODE		Barcode

Boxes will also be printed as shown in the example above.

- ?Shipment ID? will be the shipment ID generated for the OMS reference of the shipment for the transport order if it has been consolidated into a shipment, otherwise it will be for the OMS reference of the transport order.
- ?Route? is the name of the route code of the trip.
- ?Package Number? is the package number derived from the number of despatch units within a shipment (or transport order): e.g. 1/6 = DU 1 of 6 DUs.
- ?Pal? is the number of pallets in the shipment (or transport order) derived from the total number of pallets: e.g. 1/2 = pallet 1 of 2 pallets.
- ?Par? is the number of parcels in the shipment (or transport order) derived from the total number of parcels: e.g. 0/4 = there are a planned number of 4 parcels but this particular DU is not one of them because it is in the pallet category.
- ?Tracking Number? is the tracking reference for the shipment (or unconsolidated transport order).

- The ?Ship To? address in rows 26-32 refers to the delivery address of the shipment.
- The ?Sender? and ?Return? addresses in rows 36-41 and 50-55 refer to the from location (i.e. collection address) of the shipment (or unconsolidated transport order) (which may not be the same as the despatching location of the delivery trip).
- The ?Despatcher? address in rows 43-48 refers to the despatching location of the delivery trip.
- The counts refer to the number of despatch units in the shipment (or unconsoldiated transport order).
- ?Date? is the latest delivery date and time of the order.
- ?BARCODE? is based on the combination of ?{C-TMS Trip ID}-{Temperature}-{Cust / WMS Ref}-{Label Print Number}? to make it unique.

N.B. ?Pal? and ?Par? will be defined by the new despatch unit category which will be ?Pallet? or ?Parcel?.

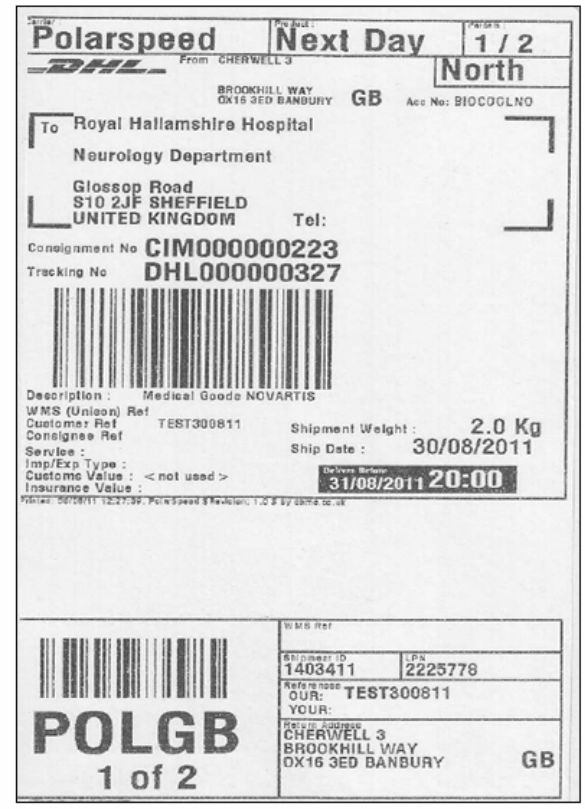
N.B. The label will be printed when it is packed and it will include the information for the loading trip in the depot the packing operation will be performed: if the shipment is being trunked to, and unloaded at, another depot for collection by the parcel carrier on another trip then the labels will contain the trunking trip.

The ?Sender? will always be the ?From Location? of the shipment but the ?Despatcher? will be either the ?From Location? of the shipment (if it is not trunked) or the loading location of the shipment for the delivery trip.

N.B. If a despatch-unit label is printed for a shipment then the despatch-unit quantities of the shipment will be used to decide how many labels will be printed. The ?Cust / WMS Ref?, ?Del Point Ref? and ?Booking Ref? references and ?Special Instructions? will be obtained from the first transport order in the shipment.

If it is printed for an unconsolidated transport order then the despatch-unit quantities of the transport order will be used to decide how many labels will be printed. The references and special instructions for the transport order can then be displayed.

4.13.7 Polarspeed



WMS (Unison) Ref / WMS Ref

Will show the Unison sales order number only on transport orders received via EDI in the customer reference.

Customer Ref / OUR

Will show the customer reference.

Consignee Ref

Will show the delivery point reference.

The Polarspeed parcel label will contain the following information

	Example	Database Item	Notes
1	**Carrier :**		**Text**
2	Polarspeed	RES_CARRIER.CARRIER_NAME	
3	**Product :**		**Text**
4	Next Day	RES_CARRIER_SERVICES.SERVICE_TYPE	
5	**Parcels :**		**Text**
6	1 / 2	Count	
7	**DHL**	DO NOT DISPLAY!	**Logo**
8	**From**		**Text**
9	CHERWELL 3	GEO_LOCATION.LOCATION_NAME	
10	Blank	GEO_LOCATION.ADDRESS_LINE1	
11	Blank	GEO_LOCATION.ADDRESS_LINE2	
12	BROOKHILL WAY	GEO_LOCATION.ADDRESS_LINE3	
13	OX16 3ED	GEO_LOCATION.TOWN	
14	BANBURY	GEO_LOCATION.COUNTY	
15	Blank	GEO_LOCATION.POSTCODE	
16	GB	GEO_LOCATION.COUNTRY_CODE	
17	North	RES_CARRIER_ROUTING.DIRECTION	
18	**Acc No:**		**Text**
19	BIOCOCLNO	RES_CARRIER_CONFIG.ACCOUNT_NUMBER	
20	**To**		**Text**
21	Royal Hallamshire Hospital	GEO_LOCATION.LOCATION_NAME	
22	Blank	GEO_LOCATION.ADDRESS_LINE1	
23	Neurology Department	GEO_LOCATION.ADDRESS_LINE2	
24	Blank	GEO_LOCATION.ADDRESS_LINE3	
25	Glossop Road	GEO_LOCATION.TOWN	
26	S10 2JF	GEO_LOCATION.COUNTY	
27	SHEFFIELD	GEO_LOCATION.POSTCODE	
28	UNITED KINGDOM	GEO_COUNTRY.COUNTRY_NAME	
29	**Tel:**		**Text**
30	Blank	GEO_LOCATION.PHONE	
31	**Consignment No**		**Text**
32	CIM000000223	SCH_ORD_TRACKING.TRACKING_REF	
33	**Tracking No**		**Text**
34	DHL000000327	SCH_ORD_TRACKING.TRACKING_REF	
35	**BARCODE1**		**Barcode**
36	**Description :**		**Text**
37	Medical Goods NOVARTIS	SCH_ORDER_LINE.PRODUCT_TYPE	
38	**WMS (Unison) Ref**		**Text**
39	Blank	SCH_ORD.EXTERNAL_REF	
40	**Customer Ref**		**Text**
41	TEST300811	SCH_ORD.EXTERNAL_REF	
42	**Consignee Ref**		**Text**
43	Blank	SCH_ORD.DEL_POINT_REF	

44	Service :		Text
45	Blank	Blank	
46	Imp/Exp Type :		Text
47	Blank	Blank	
48	Customs Value :		Text
49	< not used >		Text
50	Insurance Value		Text
51	Blank	Blank	
52	Shipment Weight :		Text
53	2.0 Kg	SCH_ORD.TOTAL_WEIGHT	
54	Ship Date :		Text
55	30/08/2011	SCH_TRIP_STOP.ARRIVE	
56	Deliver Before		Text
57	31/08/2011	SCH_ORD.LATE_DEL	
58	20:00	SCH_ORD.LATE_DEL	
59	Printed:		Text
60	30/08/11 12:27:39.	SYSTIME	
61	PointSpeed $ Revision: 1.0 $ by cbmc.co.uk		Text
62	BARCODE2		Barcode
63	POLGB	SCH_TRIP.CARRIER_ID + RES_CARRIER.COUNTRY_CODE	
64	1 of 2	Count	
65	WMS Ref		Text
66	Blank	SCH_ORD.EXTERNAL_REF	
67	Shipment ID		Text
68	1403411	SCH_ORD.SHIPMENT_ID	
69	LPN		Text
70	2225778	Calculated	
71	References		Text
72	OUR:		Text
73	TEST300811	SCH_ORD.EXTERNAL_REF	
74	YOUR:		Text
75	Blank	Blank	
76	Return Address		Text
77	CHERWELL 3	GEO_LOCATION.LOCATION_NAME	
78	Blank	GEO_LOCATION.ADDRESS_LINE1	
79	Blank	GEO_LOCATION.ADDRESS_LINE2	
80	BROOKHILL WAY	GEO_LOCATION.ADDRESS_LINE3	
81	OX16 3ED	GEO_LOCATION.TOWN	
82	BANBURY	GEO_LOCATION.POSTCODE	
83	GB	GEO_LOCATION.COUNTRY_CODE	

Boxes will also be printed as shown in the example above.

- The ?To? address in rows 20-27 refers to the delivery address of the shipment (or unconsolidated transport order).
- The ?From? and ?Return? addresses in rows 9-15 and 76-82 refer to the from location of the shipment.
- The count refers to the number of despatch units in the shipment (or unconsolidated transport order).
- ?Consignment No? is the shipment tracking reference and will be prefixed with ?TMS? instead of ?CIM?.
- ?Tracking No? is the despatch unit tracking reference and will be prefixed with ?DHL?.
- ?BARCODE1? is the despatch unit tracking reference.
- ?Ship Date? will be the despatch date of the trip.
- ?Deliver Before? will be the late delivery time of the shipment (or transport order).
- ?BARCODE2? is the carrier and country reference.
- ?LPN? is the ?Label Printing Number? from the database sequence number.
- Text ?PointSpeed $ Revision: 1.0 $ by cbmc.co.uk? will be replaced by ?Calidus TMS by http://www.obs-logistics.com?.

N.B. If a despatch-unit label is printed for a shipment then the despatch-unit quantities of the shipment will be used to decide how many labels will be printed. The ?WMS (Unison) Ref?, ?Customer Ref?, ?Consignee Ref?, ?WMS Ref? and ?OUR? references will be obtained from the first transport order in the shipment.

If it is printed for an unconsolidated transport order then the despatch-unit quantities of the transport order will be used to decide how many labels will be printed. The references for the transport order can then be displayed.

4.14 Parcel Label Trigger=

The carrier labels will be produced upon receipt of the ?Pack Confirmation? message from the WMS or manually by the user via a ?Pack Confirm? button in the ?Orders? screen in C-TMS.

The carrier labels may also be re-printed manually via a button in the new ?Shipment Order Management? form or via a button in the ?Orders? form.

There will be the ability to re-print labels by order or shipment and once selected a range, or a specific label number, can be requested. For example, if there are 11 orders for a shipment a user should be able to re-print all 11 labels, or labels 3/6 or labels 1, 7 and 11. It is accepted that the ?Label Print Number? will be out of sequence for re-prints.

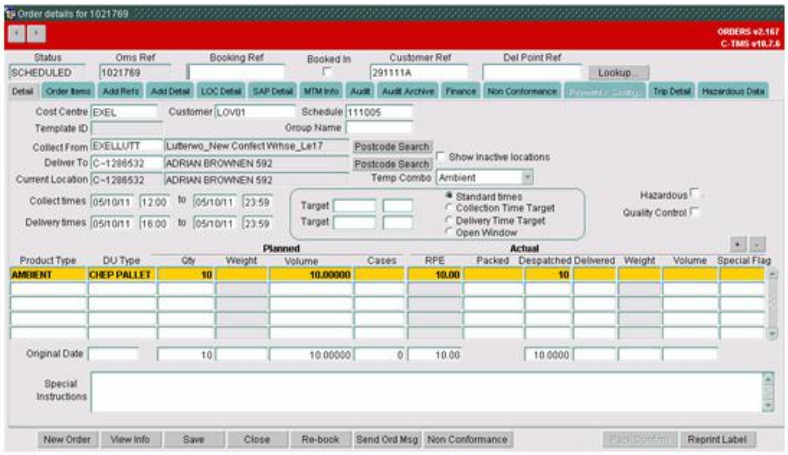
N.B. The ?Reprint Label? option will be available if the new ?ORD_REPRINT_PACK_VISIBLE? system parameter is set to ?Y?.

4.14.1 Order Details

The ?Pack Confirm? and ?Reprint Label? buttons will be displayed if the new ?ORD_REPRINT_PACK_VISIBLE? system parameter is set to ?Y?.

The ?Order Detail? screen will be changed to enable the user to print labels for the individual orders in the shipment.

This will be performed via a new ?Reprint Label? button:



New ?Carrier? and ?Shipment ID? fields will be added to the ?Detail? tab page of the ?Order Details? screen in the ?ORDERS? from, the ?Carrier? field will store a mandated carrier/haulier for manually entered transport orders (if a transport order is uploaded via a CSV import file or EDI file then the carrier will appear in this field); the ?Shipment ID? field will display the shipment ID generated for the transport order/shipment.

4.15 Pack Confirmation

4.15.1 CIPD Message

The structure of the ?CIPD? file generated by Unison is shown below:

Segment	Occurrence of Segment within CIPD Complex	Record Type	Mandatory	Occurrence of Record Type within Segment
Shipment - In.CIPD.S	1	CS01		1
Header - In.CIPD.H	x per Shipment	CO01	Y	1
		CO02	Y	1
		CO03	Y	1
		CO04	Y	1
		CO05	Y	1
		CO06	Y	1
		CO07	Y	1
		CO08	Y	1
		CO09	N	1
Parent Pallet - In.CIPD.PP	x per Header	CP01	N	1-999 per CO01 segment
Carton - In.CIPD.CH	x per Parent Pallet	CC01	Y	1-999 per CO01 segment
Carton Detail - In.CIPD.CD	x per Carton Header	CD01	N	1-999 per CC01 segment

CIM CARRIER INTERFACE PACKING DETAILS (CIPD) - Shipment Level

Line ID	Start	Length	Mandatory	Description	Format	
CS01	1	4		Line ID	"CS01"	
	5	10		Shipment ID (CIM ref)	A10	TRANSPORT_NO of ORDER_WELL
	15	10		Pack No	A10	BLANK
	25	30		Shipment No	A30	FIELD1 of PACK_EXTRAS
	55	3		Carrier Code	A3	LOAD_HAULIER of ORDER_HEADER
	58	3		Service Level	A3	SERVICE_LEVEL of ORDER_HEADER
	61	20		Pack No	A20	PACK_NO of PACK_HEADER if PACK warehouse rule is XXX Else PACKING_LIST_NO of PACKING_DETAILS
	81	20		Printer Name	A20	FIELD1 of PACK_EXTRAS / SEALS of PACKING_DETAILS

CIM CARRIER INTERFACE PACKING DETAILS (CIPD) - Order Level

Line ID	Start	Length	Mandatory	Description	Format	
CO01	**1**	**4**		**Line ID**	**"CO01"**	**ORDER_OWNER of ORDER_HEADER**
	5	3		Order Owner	A3	ORDER_NUM of ORDER_HEADER
	8	20		Order Number	A20	TRANSPORT_NO of ORDER_WELL
	28	10		Shipment ID (CIM ref)	A10	LOAD_HAULIER of ORDER_HEADER
	38	3		Carrier Code	A3	SERVICE_LEVEL of ORDER_HEADER
	41	3		Service Level	A3	DELIVERY_DATE of ORDER_WELL
	44	8		Departure Date	CCYYMMDD	DELIVERY_TIME of ORDER_WELL
	52	6		Departure Time	HHMMSS	END_DELIVERY_DATE of ORDER_HEADER
	58	8		End Delivery Date	CCYYMMDD	BOOKING_DATE of ORDER_HEADER
	66	8		Delivery Date	CCYYMMDD	BOOKING_TIME of ORDER_HEADER
	74	6		Delivery Time	HHMMSS	ROUTE_CODE of ORDER_WELL
	80	6		Route	A6	LOAD_NO of ORDER_WELL
	86	5		Load	A5	ORDER_ENTRY_DATE of ORDER_HEADER
	91	8		Order Entry Date	CCYYMMDD	TIME_ORDER_TAKEN of ORDER_HEADER
	99	6		Order Entry Time	HHMMSS	CUST_CODE of ORDER_HEADER
	105	10		Customer Code	A10	CUSTOMER_SUB_AC_NO of ORDER_HEADER
	115	3		Customer Sub Account	A3	ORDER_TYPE of ORDER_HEADER
	118	1		Order Type	A1	COD_CASH_AMOUNT of ORDER_HEADER
	119	10		COD Amount (pence)	N10	CURRENCY_CODE of ORDER_HEADER
	129	3		Currency Code	A3	CONTACT_SURNAME of ORDER_HEADER
	132	25		Contact Surname	A25	ORDER_DESCRIPTION of ORDER_HEADER
	157	20		Seller's Order Reference	A20	CUSTOMER_PO_REF of ORDER_HEADER
	177	20		Buyer's Order Reference	A20	SHIPPING_INSTRUCTIONS of ORDER_HEADER
	197	20		Special Delivery (i.e. SAT.)	A20	SPECIAL_INSTRUCTIONS of ORDER_HEADER
	217	20		Special Instructions	A20	SHIPPING_POINT of ORDER_HEADER
	237	4		Depot Code	A4	((ORDERED_CASES of ORDER_DETAIL * FACTOR_1_2 of STOCK) + ORDERED_UNITS of ORDER_DETAIL) / FACTOR_1_3 of STOCK)
	241	10		Est Pallet Qty	N	

CIM CARRIER INTERFACE PACKING DETAILS (CIPD) - Carton Header Level

Line ID	Start	Length	Mandatory	Description	Format	
CC01	**1**	**4**		**Line ID**	**"CC01"**	
	5	10		Packing List Number	A10	BLANK
	15	8		Carton Number	N8	CARTON_NO of PACK_HEADER if PACK warehouse rule is
	23	20		Tracking No	A20	FIELD3 of PACK_EXTRAS if PACK warehouse rule is XXX Else BLANK
	43	4		Carton Type	A4	CARTON_TYPE of PACK_HEADER if PACK warehouse rule is XXX Else PALLET_SEQ_NO of PACKING_DETAILS
	47	8		Carton Depth (mm or m^3 to 2 d.p.)	N8	CARTON_DEPTH of PACK_HEADER if PACK warehouse rule is XXX Else PACKED_VOLUME of PACKING_DETAILS
	55	8		Carton Width (mm)	N8	CARTON_WIDTH of PACK_HEADER if PACK warehouse rule is XXX Else "00000000"
	63	8		Carton Height (mm)	N8	CARTON_HEIGHT of PACK_HEADER if PACK warehouse rule is XXX Else "00000000"
	71	8		Carton Gross Weight (g)	N8	PALLET_GROSS_WEIGHT of PACK_HEADER if PACK warehouse rule is XXX Else PACKED_WEIGHT of PACKING_DETAILS
	79	8		Carton Net Weight (g)	N8	PALLET_NET_WEIGHT of PACK_HEADER if PACK warehouse rule is XXX Else "00000000"
	87	20		Pack No	A20	PACK_NO of PACK_HEADER

CIM CARRIER INTERFACE PACKING DETAILS (CIPD) - Carton Detail Level

Line ID	Start	Length	Mandatory	Description	Format	
CD01	**1**	**4**		**Line ID**	**"CD01"**	
	5	10		Packing List Number	A10	BLANK
	15	8		Carton Number	N8	CARTON_NO of PACK_HEADER if PACK warehouse rule is
	23	20		Tracking No	A20	Else PALLET_SEQ_NO of PACKING_DETAILS
	43	20		Order Number	A20	FIELD3 of PACK_EXTRAS if PACK warehouse rule is XXX
	63	3		Order Line Number	N3	Else BLANK
	66	20		Stock Code	A20	ORDER_NUM of ORDER_HEADER
	86	8		Quantity	N8	ORDER_LINE_NO of PACK_DETAIL (Blank for non-detail packed)
	94	20		Pack No	A20	STOCK_CODE of PACK_DETAIL (Blank for non-detail packed)

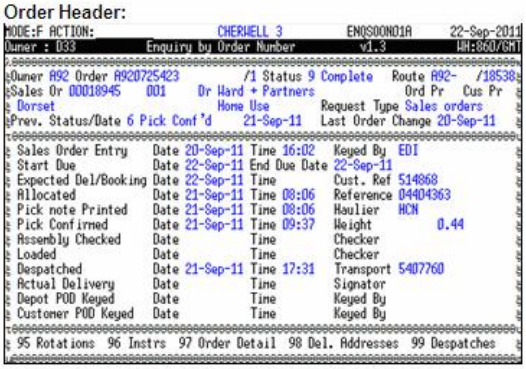
An example of a ?CIPD? file generated by Unison is show below:

```
PLUTO_EUR1-fwlsup01-live414$ more A92/out/arch/GSKCIPD_0000463000.DAT
CS01                                                HCNS2400689561            CH3ZB3
C001A92A920725423                  HCNS24201109220000002011092220110922000000A92
1853820110920160200000018945  001H00000000STG8
U                        04404363              514868
C002Dr P Mason & Partners                  Portland Health Centre                  Park
Estate Road                        Dorset
                                Easton Portland
C003                                                                               GB
DT5 2BJ
C004

C005
C006860CHERWELL 3                              BROOKHILL WAY
BANBURY
     GB
C007

C008

CC01          00000001                     BOX
000010000000100000000000000144000000440006895 61
CD01          00000001                     A920725423          000
0000000000689561
```

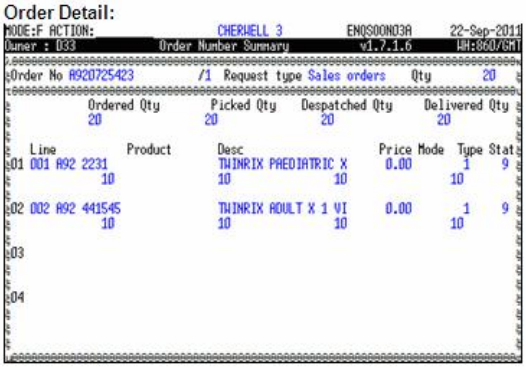
Key Information:

Line ID	Description	Value
CS01	Carrier Code	HCN
	Service Level	S24
	Pack No	00689561
	Shipment No	Blank
	Printer Name	CH3ZB3
CO01	Order Number	A920725423
	Carrier Code	HCN
	Service Level	S24
	Route	A92
	Load	18538
	Customer Code	00018945
	Seller's Order Reference	04404363
	Buyer's Order Reference	514868
	Special Instructions	Blank
	Depot Code	Blank
CC01	Carton Number	00000001
	Tracking No	Blank
	Carton Type	BOX
	Carton Depth	00001000
	Carton Width	00001000
	Carton Height	00000000
	Carton Gross Weight	00001440
	Carton Net Weight	00000440
	Pack No	00689561
CD01	Carton Number	00000001
	Tracking No	Blank
	Order Number	A920725423
	Order Line Number	000
	Quantity	00000000
	Pack No	00689561

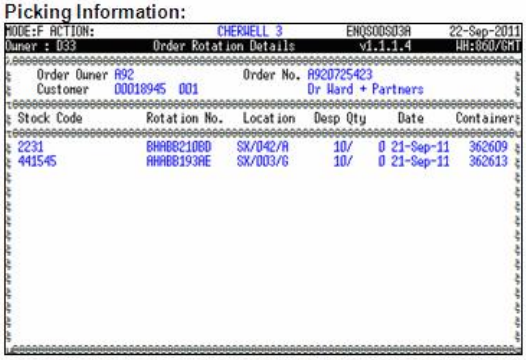
Order Header:



Order Detail:



Picking Information:



A new directory structure will be setup in the ?EDI Maintenance? screen.

A new database job will be created when started without a time interval to process the files received.

The ?IMP? package will be changed to import the file and generate the labels as required.

N.B. The files processed will be placed in failed or processed directories as appropriate.

The ?SCH_ORD? database table will be changed to include the packed date and will contain the system date and time when the packed quantity was updated:

NAME	TYPE	NULLABLE
PACKED_DATE	DATE	Y

The existing ?T_SCH_ORD_AUDIT? database trigger will be used for this purpose.

The ?CIPD? output from Unison will be mapped into C-TMS. Initially orders will be packed at order level, but as part of Prospero orders will be packed at shipment level requiring a shipment label when the final order has been packed.

Upon receipt of this file into C-TMS the transport order, or the shipment, DU type and quantity will be updated as per the values contained in the file. Changes and updates to the order line will be captured in the audit log for the order.

N.B. The ?Pack No? and ?Shipment No? will be stored as order sub-references for the shipment (i.e. ?PACK_NO? and ?SHIPMENT_NO?.)

The ?Carrier Code? and ?Service Level? will not be stored in C-TMS because they are stored against the trip and carrier.

The ?Carton Type? will be used to update the despatch unit type of the order line of the shipment.

The ?Carton Number? will be used to update the despatch unit quantity (as a count of the carton numbers received) for the transport order or the shipment. It will contain the carton numbers used within Unison WMS and they will be unique within the transport order or the shipment; however, the carton numbers may not be sequential. (See section 3.8.4 for their storage.)

The ?Tracking No? will be generated as a tracking reference within C-TMS when the label is printed for the despatch unit (i.e. carton for the CIPD).

The carton?s dimensions will not be stored in C-TMS.

The ?Order Number? will correspond to the customer reference of the transport order stored as ?SCH_ORD.EXTERNAL_REF? in C-TMS. It will be stored with the carton number in which it is contained.

The ?Order Line Number? will be ?000? by default because the ?CD01? record refers to what is contained in the ?carton? and this information will not be stored in C-TMS.

The ?Quantity? will be ?00000000? by default because the ?CD01? record refers to what is contained in the ?carton? and this information will not be stored in C-TMS.

It is expected that one ?CD01? record will be received per ?CC01? record because the contents of the carton are not relevant at present.

N.B. Pre-Prospero packing in Unison WMS will be performed by sales order reference (i.e. transport order) and not by shipment, therefore, the sales order information needs to be stored in C-TMS for the associated tracking reference for the despatch units packed in the shipment.

N.B. If a ?CIPD? message is re-sent then the shipment will be updated with the new data and the labels will be re-printed automatically.

4.15.2 Manual Pack Confirmation

Manual pack confirmation is required where the ?CIPD? message will not be received into C-TMS.

The ?Order Details? screen will contain a ?Pack Confirm? button which perform the following functionality:

1. Enter an order with, or without, a mandated carrier in the new field in the ?Order Details? tab page.
2. Press the new ?Pack Confirm? button in the same tab page:
    - If the order is not on a trip (i.e. it is not already scheduled) then it will be scheduled by running the scheduling engine for that OMS reference.
    - The scheduling engine will only be run for the single order if it is not already running via the database job.
    - A mandated carrier will be used if it exists for the order as per the standard scheduling functionality.
    - Once the scheduling has been performed successfully (if required) then the labels will be printed to the default printer for the user for the trip and carrier assigned to the order.

There will be another button called ?Reprint Label? in the tab page for the user to request reprinting for whatever reason and this button will not perform any scheduling.

The ?Pack Confirm? and ?Reprint Label? buttons will need to check that the carrier of the order (or the trip if not mandated) has a label format setup and, if not, advise the user that the processing is not required for that carrier.

4.15.2.1 Repacking

If repacking is required (e.g. the carrier has advised that the scheduled collection will not be performed) then the user will have to follow the procedure to unscheduled the order, modify it and reschedule it.

Afterwards, the labels can be produced via either the ?Pack Confirm? or ?Reprint Label? buttons as appropriate.

4.16 Despatch Confirmation

The despatch confirmation message will be generated by the update of the trip status to ?EN-ROUTE? and the transmission of this message will be dependent on the ?hold? flag set for the transport order on the trip stop.

N.B. A despatch confirmation message will only be sent to the Unison WMS if the customer of the order has a ?UNISON? translation value setup (i.e. ?UNISON_IF_VALUE?).

A file will be sent to DHL Link for transfer to the appropriate WMS (i.e. ?CITD? for the Unison WMS).

The despatch confirmation message will be contained in a file in the ?TripOrder? XML format with the name format ?DESP_CONF_{TRIP_ID}_{SEQ}.XML?.

The ?CITD? file has the following structure:

Segment	Occurrence of Segment within CITD Complex	Record Type	Mandatory	Occurrence of Record Type within Segment
Shipment - In.CITD.S	1	CS01	Y	1
Header - In.CITD.H	x per Shipment	CO01	Y	1
Carton - In.CITD.C	x per Header	CC01	Y	1 - 999 per CO01 segment
Carton Detail - In.CITD.CD	x per Carton	CD01	Y	1 - 999 per CC01 segment

CIM CARRIER INTERFACE TRACKING DETAILS (CITD) - Shipment Level

Line ID	Start	Length	Mandatory	Description	Format	
CS01	1	4	Y	Line ID	"CS01"	
	5	10		Shipment ID (CIM ref)	A10	TRANSPORT_NO of ORDER_WELL
	15	10		Pack No	A10	BLANK
	25	30		Shipment No	A30	CONSIGNMENT_NO of DESPATCH_HEADER
	55	3		Carrier Code	A3	LOAD_HAULIER of ORDER_HEADER
	58	3		Service Level	A3	SERVICE_LEVEL of ORDER_HEADER
	61	**20**	**Y**	**Pack No**	**A20**	**PACK_NO of PACK_HEADER if PACK warehouse rule is XXX Else PACKING_LIST_NO of PACKING_DETAILS**

CIM CARRIER INTERFACE TRACKING DETAILS - Order Level

Line ID	Start	Length	Mandatory	Description	Format	
CO01	1	4	Y	Line ID	"CO01"	
	5	**3**	**Y**	**Order Owner**	**A3**	**ORDER_OWNER of ORDER_HEADER**
	8	**20**	**Y**	**Order Number**	**A20**	**ORDER_NUM of ORDER_HEADER**
	28	10		Shipment ID (CIM ref)	A10	TRANSPORT_NO of ORDER_WELL
	38	3		Carrier Code	A3	LOAD_HAULIER of ORDER_HEADER
	41	3		Service Level	A3	SERVICE_LEVEL of ORDER_HEADER

CIM CARRIER INTERFACE TRACKING DETAILS - Carton Level

Line ID	Start	Length	Mandatory	Description	Format	
CC01	1	4	Y	Line ID	"CC01"	
	5	10		Packing List Number	A10	PACK_NO of PACK_HEADER if PACK warehouse rule is XXX Else PACKING_LIST_NO of PACKING_DETAILS
	15	8	Y	**Carton Number**	**N8**	**CARTON_NO of PACK_HEADER if PACK warehouse rule is XXX Else PALLET_SEQ_NO of PACKING_DETAILS**
	23	20		Tracking No	A20	FIELD3 of PACK_EXTRAS

CIM CARRIER INTERFACE TRACKING DETAILS - Carton Detail Level

Line ID	Start	Length	Mandatory	Description	Format	
CD01	1	4	Y	Line ID	"CD01"	
	5	10		Packing List Number	A10	PACK_NO of PACK_HEADER if PACK warehouse rule is XXX Else PACKING_LIST_NO of PACKING_DETAILS
	15	8		Carton Number	N8	CARTON_NO of PACK_HEADER if PACK warehouse rule is XXX Else PALLET_SEQ_NO of PACKING_DETAILS
	23	20		Tracking No	A20	FIELD3 of PACK_EXTRAS
	43	20		Order Number	A20	ORDER_NUM of PACK_DETAIL
	63	**3**	**Y**	**Order Line Number**	**N3**	**ORDER_LINE_NO of PACK_DETAIL**

N.B. The ?Shipment ID? will be the shipment ID generated within C-TMS for each transport order/shipment created.

The ?Packing List Number?, ?Shipment No? and ?Service Level? will be obtained from the order sub-references for the shipment (i.e. ?PACK_NO?, ?SHIPMENT_NO? and ?CARRIER_SERVICE_TYPE?.)

The ?Carrier Code? will be obtained from the trip and it will be included in ?ORDER_HEADER_TMS/HAULIER?.

The ?Carton Number? will contain the carton numbers used within Unison WMS, plus they will be unique within the transport order or the shipment with an associated ?Tracking No?; ?Carton Number? will be included in the new ?TRACKING_REF? section as ?UNIT_TRACKING_NO? and ?Tracking No? as ?UNIT_TRACKING_REF?.

The ?Tracking No? data will be repeated for the despatch unit of the shipment in the ?ORDER_DETAIL? section.

The ?Order Number? will be included in the new ?ORDER_HEADER? section as ?SO_REF? and will be obtained from the external reference (i.e. ?Order Number?) associated with the carton number from the ?CIPD? message.

The ?Order Line Number? will be ?000? by default because the ?CD01? record refers to what is contained in the ?carton? and this information will not be stored in C-TMS.

4.16.1 Production

The XML file will be produced via a database job using a new procedure ?INT_XML_OUT2.PROCESS_XML_DESP_CONF?.

4.16.2 Transmission

The despatch confirmation messages will be sent to DHL Link via FTP.

The directory structure and login details for DHL Link will be maintained in the new system parameters specifically for the electronic manifest.

For example:

- CTMS_CITD_FTP_DESTINATION_DIRECTORY
- CTMS_CITD_FTP_DESTINATION_IP_ADDRESS

- CTMS_CITD_FTP_DESTINATION_PASSWORD
- CTMS_CITD_FTP_DESTINATION_USERNAME
- CTMS_CITD_FTP_DESTINATION_PORT

5 REFERENCES

Ref No	Document Title & ID	Version	Date
1	EST-290934 NW-8KEMRU Parcel Carrier Management v2.0.doc	2.0	26/08/11

6 DOCUMENT HISTORY

Version	Date	Status	Reason	Initials
0.1	30/09/11	Draft	Initial version	PDR
1.0	07/10/11	Issue	Issued to client	PJH
1.1	24/10/11	Draft	Updated after meetings on 11/10/11 and 20/10/11 with Nick Wilkins, Peter Greer and Colin Tye.	PDR
1.1	04/11/11	Draft	Review	PJH
2.0	04/11/11	Issue	Issued to client	PJH
2.1	17/11/11	Draft	Updated to state labels will be produced per shipment, or unconsolidated transport order, DU quantity; a shipment ID will be generated per transport order/shipment; the sender/from location will be the ?from? location of the shipment. See section 3.13. Included a Carrier field in the Order Details screen. See section 3.14.1. Included manual packing and repacking. See section 3.15.	PDR
3.0	18/11/11	Issued	Issued to client	PJH
3.1	28/11/11	Draft	Updated CIPD and CITD information to store the carton numbers from Unison WMS. See sections 3.8.4, 3.15.1 and 3.16.	PJH

7 AUTHORISED BY

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