

NAQEL Shipping API Integration Documentation
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Version 5.0

Data Type Element Description

Further details on child elements of the Shipping Services API and their attributes can be shown below.

Element: Element Name

Data Type: The type of data that can be inserted into this field.

Required: Specifies three categories

M = Mandatory, This field must be filled in all cases.

O = Optional, This field may or may not be filled.

Length: The maximum number of characters allowed in this field.

1 - Create New Booking:

Table 1: List of elements present when creating new booking.

| Booking Shipment Details | | | | |
|--------------------------|-------------------|----------|--------|---|
| Element | Data Type | Required | Length | Description |
| ClientInfo | ClientInformation | M | | Check Table 6 for further details of ClientInformation type. |
| BillingType | Integer | M | 1 | Check Appendix A for the list of billing types. |
| PickUpReqDateTime | DateTime | M | | Pickup time should be before the time which is going to be provide in the OfficeUpTo field. |
| PicesCount | Integer | M | | Number of shipment pieces. |
| Weight | Double | M | | The weight of the shipment. |
| PickUpPoint | String | M | 200 | The address of pickup address. |
| SpecialInstruction | String | O | 200 | Any instruction can be mention here such as Breakable . |
| OriginStationID | Integer | M | | Check Appendix B for the list of stations. |
| DestinationStationID | Integer | M | | Check Appendix B for the list of stations. |
| OfficeUpTo | DateTime | M | | The time of closing the office or store. |
| LoadTypeID | Integer | M | | Check Appendix D for the list of all Load Types. Check Notes. |
| ContactPerson | String | M | 200 | The driver will call this person if the address description is not clear for making pickup. |
| ContactNumber | String | M | 50 | |

Notes: When creating a new booking system will return a class called **Result** check [Table 4](#) for more information about it.

If the value of **HasError** = **False** that's mean system create the new booking successfully in our system.

And in this case system will provide **Key** and BooingRefNo. The values of both field should be saved somewhere in your database, because you may need it if you want to cancel booking, check [Table 2](#) for cancelling booking.

If the value of **HasError** = **True** that's mean system did not create the new booking in our system, and you can get the error message in the **Message** field.

*- Load Type field is related to the agreements type which you have with our company.

You can check the list of load types which you can use it by using this function "GetLoadTypeList".

GetLoadTypeList(Clientinfomation)

2 - Cancel Booking:

Table 2: List of elements present when creating new booking.

| Cancel Booking | | | | |
|----------------|-------------------|----------|--------|--|
| Element | Data Type | Required | Length | Description |
| ClientInfo | ClientInformation | M | | Check Table 6 for further details of ClientInformation type. |
| RefNo | String | M | 50 | The Reference No which provided when creating the booking. |
| BookingKey | Integer | M | | The Key which provided when creating the booking. |
| CancelReason | String | M | 200 | The reason for cancelling the booking. |

Notes: When creating a new booking system will return a class called **Result** check [Table 4](#) for more information about it.

If the value of **HasError** = **False** that's mean system create the new booking successfully in our system.

And in this case system will provide **Key** and BooingRefNo. The values of both field should be saved somewhere in your database, because you may need it if you want to cancel booking, check [Table 2](#) for cancelling booking.

If the value of **HasError** = **True** that's mean system did not create the new booking in our system, and you will get the error message in the **Message** field.

3 - Create Waybill:

Table 3: List of elements present when creating new waybill.

| Manifest Shipment Details | | | | |
|---------------------------|----------------------|----------|--------|--|
| Element | Data Type | Required | Length | Description |
| ClientInfo | ClientInformation | M | | Check Table 6 for further details of ClientInformation type. |
| ConsigneeInfo | ConsigneeInformation | M | | Check Table 5 for further details of ConsigneeInfo Type. |
| Latitude | | O | | If you have the coordinates for the consignee address, you can forward for us the Latitude and Longitude. |
| Longitude | | O | | |
| BillingType | Integer | M | | Check Appendix A for the list of billing types. |
| PicesCount | Integer | M | | Number of shipment pieces. |
| Weight | Double | M | | The weight of the shipment. |
| DeliveryInstruction | String | O | 200 | Any instruction can be mention here. |
| CODCharge | Double | M | | If the billing type is 5 , you should mention how much amount should be collected from consignee. Item Price + Delivery Service Cost + Shipment Value VAT. |
| LoadTypeID | Integer | M | | Check Appendix D for the list of all Load Types. Check Notes. |
| DeclareValue | Double | O | | Shipment Value for Customs purpose. |
| GoodDesc | String | O | 250 | Goods Descriptions |
| RefNo | String | O | 100 | |
| GeneratePiecesBarCodes | Boolean | O | | The default value is false, means system will not generate any barcode for pieces, but our courier will put stickers on the boxes once he picked up the shipment. If you change the value to true, system will generate a barcode for each box, and your operation should print the stickers and stick them in the boxes. |
| CreateBooking | Boolean | O | | The default value is false, means system will not generate a booking in our system and Naqel Salesman will arrange a time to pick up the shipment daily. If you change it to true, system will create the booking, and you should save the bookingrefno in your database for any further query. |
| HSCode | String | O | 250 | HS code will be importing country's classification code. |

| | | | | |
|----------------------------|---------|---|--|--|
| CustomDutyAmount | Double | O | | The value of Custom Duty Amount of shipment. |
| GoodsVATAmount | Double | O | | The value of Custom Duty Goods VAT Amount. |
| IsCustomDutyPayByConsignee | Boolean | O | | The default value is false, In case of custom duty pay by consignee you can change it to true. |

Notes: * - When creating a new waybill system will return a class called **Result** check [Table 4](#) for more information about it. If the value of **HasError** = **False** that's mean system created the new waybill successfully in our system. And in this case system will provide **Key** and Waybill **No.** The values of both field should be saved somewhere in your database for any further query about that waybill. If the value of **HasError** = **True** that's mean system did not create the new waybill in our system, and you will get the error message in the **Message** field.

*- Load Type field is related to the agreements type which you have with our company.

You can check the list of load types which you can use it by using this function "GetLoadTypeList".
 GetLoadTypeList(Clientinfomation)

4 - Result:

Table 4: List of elements in Result structure.

| Result | | | |
|--------------|-----------|--------|--|
| Element | Data Type | Length | Description |
| Message | String | 200 | In case the transaction fail you will get the message error. |
| HasError | Boolean | | = True means transaction fail, you have to check the message provided. |
| WaybillNo | Integer | | If you called create waybill, you will get the waybill no. And this waybill no should be saved somewhere in your database for any future query. |
| BookingRefNo | String | 15 | If you called create booking function, you will get the booking reference no. And this RefNo should be saved somewhere in your database, because you will use in case canalling booking. |
| Key | Integer | | |

5 - Consignee Information:

Table 5: List of elements present in consignee information structure.

| Consignee Information | | | | |
|-----------------------|-----------|----------|--------|--|
| Element | Data Type | Required | Length | Description |
| ConsigneeName | String | M | 200 | Receiver Name |
| Email | String | O | 200 | Valid Email Address |
| Mobile | String | O | 200 | Valid Mobile No. |
| PhoneNumber | String | M | 200 | Valid Phone No, you can mention here phone no or even mobile no. |
| Fax | String | O | 200 | Valid Fax No |

| | | | | |
|-------------|--------|---|-----|--|
| Address | String | M | 250 | Address description. |
| CountryCode | String | M | 10 | Check Appendix C for the list of cities. |
| CityCode | String | M | 10 | Check Appendix C for the list of cities. |
| Near | String | O | 200 | More description about the address of the consignee if possible. |

6 - Client Information:

Table 6: List of elements present in client information structure.

| Client Information | | | | |
|--------------------|---------------|----------|--------|--|
| Element | Data Type | Required | Length | Description |
| ClientID | Integer | M | 7 | Contact with it@naqel.com.sa to get your Client ID. |
| Password | String | M | 40 | Contact with it@naqel.com.sa to get your Password. |
| Version | String | M | 10 | The version of API. Just pass '1.0' |
| ClientAddress | ClientAddress | M | | Check Table 7 for more details about Clientaddress type. |
| ClientContact | ClientContact | M | | Check Table 8 for more details about ClientContact type. |

Notes: - * - Client Address and Client Contact is going to be the information for the pickup details.

If the items are going to pick up from your office, your warehouse or even from a seller, you should provide use with the details for that, and our system will consider that address as one of your addresses.

7 - Client Address:

Table 7: List of elements present in client address structure.

| Consignee Information | | | | |
|-----------------------|-----------|----------|--------|--|
| Element | Data Type | Required | Length | Description |
| PhoneNumber | String | M | 50 | Valid phone No or it can be a mobile no. |
| FirstAddress | String | M | 200 | The address for the place of pickup. |
| Location | String | O | 200 | Clear description for the address. |
| CountryCode | String | M | 10 | Check Appendix C for the list of cities. |
| CityCode | String | M | 10 | Check Appendix C for the list of cities. |
| POBox | String | O | 200 | Valid POBox |
| ZipCode | String | O | 200 | Valid Zip Code. |
| Fax | String | O | 200 | Valid Fax No. |

8 - Client Contact:

Table 8: List of elements present in client contact structure.

| Consignee Information | | | | |
|-----------------------|-----------|----------|--------|--|
| Element | Data Type | Required | Length | Description |
| Name | String | M | 200 | The name for the contact which exists in the specific address. |
| Email | String | O | 200 | Valid Email Address. |
| PhoneNumber | String | M | 50 | If there is no phone number, you should enter the mobile no in this field. |
| MobileNo | String | O | 200 | Valid Mobile No. |

9 - Creating a Waybill Range

Table 9: List of elements present when creating a new waybill range.

| Create Waybill Range | | | | |
|----------------------|-------------------|----------|--------|--|
| Element | Data Type | Required | Length | Description |
| ClientInfo | ClientInformation | M | | Check Table 6 for further details of ClientInformation type. |

Notes: When creating a new waybill range system, will return a class called **WaybillRange**, check [Table 10](#) for more information about it.

* - You have to update all the waybills to our system before creating a new range, otherwise you will get an error telling that you have to update all waybills in the previous range.

10 - Waybill Range

Table 10: List of elements present in waybill range structure.

| Result | | | |
|---------------|-----------|--------|--|
| Element | Data Type | Length | Description |
| Message | String | 200 | In case the transaction fail you will get the message error. |
| HasError | Boolean | | = True means transaction fail, you have to check the message provided. |
| FromWaybillNo | int | | The starting waybill for the range. |
| ToWaybillNo | int | | The Last waybill of the range. |

Notes: If the value of **HasError** = **False** that's mean system create the range successfully in our system.

And in this case system will provide **FromWaybillNo** and **ToWaybillNo**.

If the value of **HasError** = **True** then you have to check the error message.

11 - Update Waybill API

Table 11: List of elements present in waybill range structure.

| Result | | | |
|-------------------------|-----------|--------|--|
| Element | Data Type | Length | Description |
| ManifestShipmentDetails | | | Check Table 3 for further details of ManifestShipmentDetails type. |
| WaybillNo | int | | It should be one of the waybills in your range. |

12 - Get Active Range

This function allow you to get the active range and the ranges which still some waybill not used in that range.
 The result from this function will be a list of Waybill Range (Check [Table 10](#) for more details about Waybill Range Structure)

13 - TraceByWaybillNo

Table 12: List of elements to pass when tracing any waybill.

| Trace By Waybill No | | | | |
|---------------------|-------------------|----------|--------|--|
| Element | Data Type | Required | Length | Description |
| ClientInfo | ClientInformation | M | | Check Table 6 for further details of ClientInformation type. |
| WaybillNo | Integer | M | 8 | |

Notes: Trace by Waybill No method will return a list of Trace object, take a look to the **table 13**

Table 13: List of Trace elements.

| Element | Data Type |
|--------------|-----------|
| StationCode | String |
| Date | Date time |
| Activity | String |
| WaybillNo | Int |
| ClientID | Int |
| HasError | Bool |
| ErrorMessage | String |
| EventCode | String |
| EventName | String |
| RefNo | String |
| Comments | Integer |

Check **Appendix E** for more information about Events list.

14 - Hold Shipment from Delivery

- **Table 14: List of elements present in Hold Shipment from Delivery structure.**

| Result | | | |
|------------|-------------------|--------|---|
| Element | Data Type | Length | Description |
| ClientInfo | ClientInformation | M | Check Table 6 for further details of ClientInformation type. |
| WaybillNo | int | | It should be one of the waybills in your list. |

Notes: When using this function, system will return a class called **HoldingShipmentResult** check **Table 15** for more information about it.

15 - HoldingShipmentResult

- **Table 15: List of elements in Holding Shipment Result structure.**

| Result | | | |
|--------------|-----------|--------|---|
| Element | Data Type | Length | Description |
| ShipmentHold | Boolean | | |
| Notes | String | 250 | True means shipment hold. False means shipment can't be hold and the reason will be provided in the Notes. |

16 – Sticker Printing

You can use this Method (GetWaybillSticker) to get Waybill Sticker file as Byte []

- Table 16: List of elements present in Sticker Printing structure.

| Result | | | |
|-------------|-------------------|--------|---|
| Element | Data Type | Length | Description |
| ClientInfo | ClientInformation | M | Check Table 6 for further details of ClientInformation type. |
| WaybillNo | int | | It should be one of the waybills in your list. |
| StickerSize | enum | | So far there is two types of stickers 4 * 8 Inches or 4 * 6 Inches |

Notes: When using this function, system will return a byte [], it contains the data as PDF file, you can convert the result to a PDF file.

This is a sample of waybill:




60242216

Pickup Date: 19/03/2016

Origin: RUH **Destination:** RUH

Weight: 1 **Pieces:** 1 **COD:** 0

Shipper:
 SOUQ COM Est
Tel: 966535638988 **Mobile:** 966535638988
 Souq.com Integration
 Region: Al Slay Street name: شارع اسطنبول - مخرج 16 السلي - Bu سوق كوم - Riyadh
 RIYADH Saudi Arabia
Email:

Recipient:
 Waleed Sofan
Tel: 966535638988 **Mobile:** 966535638988
 Region: Al Sa'ada Street name: ابن ملهم السدي - شبه الجزيرة - Building No.
 RIYADH Saudi Arabia
Email:
Shipper Ref.No:


 6024221600001
 123456789

17- Commercial Invoice

- Table 17: List of elements present for commercial Invoice.

| Result | | | | |
|-------------------------|-------------------------|----------|--------|--|
| Element | Data Type | Required | Length | Description |
| ClientInfo | ClientInformation | M | | Check Table 6 for further details of ClientInformation type. |
| RefNo | String | M | 100 | Reference No of Invoice |
| InvoiceNo | String | M | 100 | Invoice No |
| InvoiceDate | DateTime | M | | Date of Invoice |
| Consignee | String | M | 200 | Consignee name |
| ConsigneeAddress | String | M | 400 | Consignee Address details |
| ConsigneeEmail | String | O | 200 | Email ID |
| MobileNo | String | O | 20 | Mobile No |
| Phone | String | O | 20 | Phone No |
| TotalCost | Float | M | | Total cost of invoice |
| CurrencyCode | String | M | 100 | Currency code of payment |
| CommercialInvoiceDetail | CommercialInvoiceDetail | M | | Check Table 18 for further details of CommercialInvoiceDetail type. |

18- Commercial Invoice Detail

- Table 18: List of elements present for commercial Invoice detail.

| Result | | | | |
|----------------------|-----------|----------|--------|-------------------------|
| Element | Data Type | Required | Length | Description |
| Quantity | int | M | | Quantity of the product |
| UnitType | String | M | 50 | Unit Type |
| CountryofManufacture | String | M | 200 | Country of Manufacture |
| Description | String | M | 400 | Description |
| UnitCost | Float | M | | Unit Cost |
| CustomsCommodityCode | String | M | 50 | Customs Commodity Code |

19– Get Commercial Invoice

You can use this Method (GetCommercialInvoice) to Commercial Invoice printing file as Byte []

- Table 19: List of elements present in Commercial Invoice printing.

| Result | | | |
|------------|-------------------|----------|---|
| Element | Data Type | Required | Description |
| ClientInfo | ClientInformation | M | Check Table 6 for further details of ClientInformation type. |
| InvoiceNo | String | M | It should be one of the Invoice No in your list. |

Notes: When using this function, system will return a byte [], it contains the data as PDF file, you can convert the result to a PDF file.

This is a sample of waybill:

| Commercial Invoice | | | | | |
|-------------------------|-----------|--|------------|----------------|------|
| Reference No : | | WSEA020181111 | | | |
| Invoice #: | | WSEA020180650 | | | |
| Date: | | 10/11/2017 | | | |
| Consignee: | | Sadik Khan AN NAHDAH, SALMAN AL FARISI, HOUSE NUMBER 5 | | | |
| Mobile: | | 05928876 | | | |
| Phone: | | 0115928876 | | | |
| Units | Unit Type | Description of Goods | Unit Value | Subtotal | Curr |
| 1 | - | DRESS | 19.110 | 19.11000 | USD |
| | | | | 00061006103516 | |
| | | | | 3516 | |
| 1 | - | DRESS | 17.079 | 17.07999 | USD |
| | | | | 99992399237061 | |
| | | | | 7061 | |
| Total Item Cost: | | | | 36.1 | |

20- MultiWayBillTracking

Table 20: List of elements to pass when tracing any waybill.

| Trace By Waybill No | | | | |
|---------------------|-------------------|----------|--------|--|
| Element | Data Type | Required | Length | Description |
| ClientInfo | ClientInformation | M | | Check Table 6 for further details of ClientInformation type. |
| WaybillNo | List<int> | M | | You can pass maximum 500 waybills |

Notes: Tracking by Waybill No method will return a list of Track object, take a look to the **table 21**

Table 21: List of Track elements.

| Element | Data Type |
|---------------|-----------|
| WaybillNo | int |
| ClientID | int |
| Org | String |
| Dest | String |
| PickUpDate | DateTime |
| Weight | String |
| ConsigneeName | String |
| RefNo | String |
| LastEventTime | DateTime |
| LastEvent | String |
| ErrorMessage | String |
| HasError | Bool |

21- TraceByMultiWaybillNo

Table 12: List of elements to pass when tracing any waybill.

| Trace By Waybill No | | | | |
|---------------------|-------------------|----------|--------|--|
| Element | Data Type | Required | Length | Description |
| ClientInfo | ClientInformation | M | | Check Table 6 for further details of ClientInformation type. |
| WaybillNo | List<int> | M | | You can pass maximum 500 waybills |

Notes: Trace by Waybill No method will return a list of Trace object, take a look to the **table 13**

Table 13: List of Trace elements.

| Element | Data Type |
|---------|-----------|
|---------|-----------|

| | |
|--------------|-----------|
| StationCode | String |
| Date | Date time |
| Activity | String |
| WaybillNo | Int |
| ClientID | Int |
| HasError | Bool |
| ErrorMessage | String |
| EventCode | String |
| EventName | String |
| RefNo | String |
| Comments | Integer |

Appendix A: List of Billing Types provided for Home Delivery.

| Billing Type | | | |
|--------------|------|------------------|--|
| ID | Code | Name | Description |
| 1 | A | On Account | An invoice will be sent in the end of the month to your company contain a list of waybills which has been manifested on Account . |
| 2 | C | Cash | Sender will pay the money cash. |
| 5 | COD | Cash On Delivery | Consignee will pay the money when receive the shipment. |

Appendix B: List of Stations.

| Station | | |
|---------|------|----------------|
| ID | Code | Name |
| 140 | DOH | QATAR |
| 142 | SHW | SHARORAH |
| 146 | RBG | RABIG |
| 501 | RUH | RIYADH |
| 502 | JED | JEDDAH |
| 503 | DMM | DAMMAM |
| 504 | YNB | YANBU |
| 505 | TUU | TABUK |
| 506 | ELQ | BURAIDAH |
| 507 | TIF | TAIF |
| 508 | AHB | ABHA |
| 509 | AJF | AL JOUF |
| 510 | RAE | ARAR |
| 511 | ABT | AL BAHA |
| 512 | GIZ | GIZAN |
| 513 | HBT | HAFAR AL BATIN |
| 514 | MAC | MAKKAH |

| | | |
|-----|-----|----------------------------------|
| 515 | MED | MADEENA |
| 516 | EAM | NAJRAN |
| 517 | BHH | BISHA |
| 518 | QJB | JUBAIL |
| 519 | HOF | HOUFUF |
| 520 | HAS | HAIL |
| 521 | URY | QURAYATH |
| 522 | AKH | AL KHARJ |
| 523 | RAS | RAS TANURA |
| 524 | KHJ | AL KHAFJI |
| 525 | WAE | WADI AL DAWASIR |
| 578 | MAJ | MAJMAH |
| 579 | DAW | DAWATHMI |
| 901 | DXB | DUBAI |
| 903 | AUH | ABU DHABI |
| 904 | SHJ | SHARJA |
| 920 | FUJ | FUJAIRAH |
| 922 | AJM | AJMAN |
| 923 | UAQ | UMM AL QUAIN |
| 926 | BAH | Baharain |
| 927 | UCS | Un Claimed Shipments |
| 928 | KFI | King Fahad International Airport |
| 930 | AAN | AL AIN |
| 931 | RAK | RAS AL KHAIMAH |
| 932 | ZJF | JEBEL ALI |
| 933 | KHR | KHORFAKKAN |
| 934 | DIP | DUBAI INVESTMENT PARK |
| 935 | SFZ | SHARJAH FREE ZONE |
| 936 | HFZ | HAMRIYA FREE ZONE |
| 937 | JLT | JUMEIRAH LAKE TOWERS |
| 938 | TAW | Taweela |
| 939 | SAM | SHAMS AUH |
| 940 | HAT | HATTA |

Appendix C: List of Cities.

| Cities | | | | |
|--------|------|-----------|--------------|---------|
| # | Code | City Name | Country Code | ODA |
| 1 | ABT | AL BAHA | KSA | Station |
| 2 | AHB | ABHA | KSA | Station |
| 3 | AJF | AL JOUF | KSA | Station |
| 4 | AKH | AL KHARJ | KSA | Station |
| 5 | BHH | BISHA | KSA | Station |
| 6 | DMM | DHAHRAN | KSA | Station |

| | | | | |
|----|-----|-----------------------|-----|---------|
| 7 | DWD | DAWATMI | KSA | Station |
| 8 | EAM | NAJRAN | KSA | Station |
| 9 | ELQ | BURAIDAH | KSA | Station |
| 10 | GIZ | GIZAN | KSA | Station |
| 11 | HAS | HAIL | KSA | Station |
| 12 | HBT | HAFAR AL BATIN | KSA | Station |
| 13 | HOF | HOFUF | KSA | Station |
| 14 | JED | JEDDAH | KSA | Station |
| 15 | KHJ | AL KHAFJI | KSA | Station |
| 16 | KHO | AL KHOBAR | KSA | Station |
| 17 | MAC | MAKKA | KSA | Station |
| 18 | MED | MEDINA | KSA | Station |
| 19 | MJH | MAJMA | KSA | Station |
| 20 | QJB | JUBAIL | KSA | Station |
| 21 | RAE | ARAR | KSA | Station |
| 22 | RAH | Rafha | KSA | Station |
| 23 | RAS | RAS TANURA | KSA | Station |
| 24 | RBG | RABIG | KSA | Station |
| 25 | RUH | RIYADH | KSA | Station |
| 26 | SHQ | SHAQRAH | KSA | Station |
| 27 | SHW | SHARORAH | KSA | Station |
| 28 | TIF | TAIF | KSA | Station |
| 29 | TUU | TABUK | KSA | Station |
| 30 | URY | QURAYATH | KSA | Station |
| 31 | URY | QURAYATH. | KSA | Station |
| 32 | WAE | WADI AL DAWASIR | KSA | Station |
| 33 | YNB | YANBU | KSA | Station |
| 34 | AAN | AL AIN | AE | Station |
| 35 | AJM | AJMAM | AE | Station |
| 36 | AUH | ABU DHABI | AE | Station |
| 37 | DIP | DUBAI INVESTMENT PARK | AE | Station |
| 38 | DXB | DUBAI | AE | Station |
| 39 | FUJ | FUJAIRAH | AE | Station |
| 40 | HAT | HATTA | AE | Station |
| 41 | HFZ | HAMRIYA FREE ZONE | AE | Station |
| 42 | JLT | JUMEIRAH LAKE TOWERS | AE | Station |
| 43 | KHR | KHORFAKKAN | AE | Station |
| 44 | RAK | RAS AL KHAIMAH | AE | Station |
| 45 | SAM | SHAMS AUH | AE | Station |
| 46 | SFZ | SHARJAH FREE ZONE | AE | Station |
| 47 | SHJ | SHARJA | AE | Station |
| 48 | TAW | Taweela | AE | Station |
| 49 | UAQ | UMM AL QUAIN | AE | Station |

| | | | | |
|----|-------------|-----------------|-----|-------------|
| 50 | ZIF | JEBEL ALI | AE | Station |
| 51 | BAH | MANAMA/BAHARAIN | BH | Station |
| 52 | DOH | QATAR | QA | Station |
| 53 | ARTAWI | Al Artawi | KSA | ODA Station |
| 54 | HARIQ | Al Hariq | KSA | ODA Station |
| 55 | LITH | Al Lith | KSA | ODA Station |
| 56 | NAMAS | Al Namas | KSA | ODA Station |
| 57 | ALRASS | Al Ras | KSA | ODA Station |
| 58 | ULAH | Al Ulah | KSA | ODA Station |
| 59 | WAJH | Al Wajj | KSA | ODA Station |
| 60 | BUKAIRIAH | Bukariah | KSA | ODA Station |
| 61 | ALDUWADIMI | Dawadmi | KSA | ODA Station |
| 62 | DUBA | Duba | KSA | ODA Station |
| 63 | HADITHA | Haditha | KSA | ODA Station |
| 64 | HALATAMMAR | Halat Al Amar | KSA | ODA Station |
| 65 | ALHENAKIYAH | Hanakiya | KSA | ODA Station |
| 66 | HAQL | Haql | KSA | ODA Station |
| 67 | HARADH | Harad | KSA | ODA Station |
| 68 | KHAFJI | Khafji | KSA | ODA Station |
| 69 | KHAIBAR | Khaiber | KSA | ODA Station |
| 70 | MAHDTHAHAB | Mahd Al Thahab | KSA | ODA Station |
| 71 | MAJMAAH | Majmah | KSA | ODA Station |
| 72 | MAHAILASIR | Mahail Asir | KSA | ODA Station |
| 73 | MUZHIMIAH | Muzamiah | KSA | ODA Station |
| 74 | NARIYA | Nariya | KSA | ODA Station |
| 75 | QNF | Qunfudha | KSA | ODA Station |
| 76 | QURAYAT | Qurayat | KSA | ODA Station |
| 77 | RABIGH | Rabigh | KSA | ODA Station |
| 78 | RANYAH | Ranyah | KSA | ODA Station |
| 79 | SAMTAH | Samta | KSA | ODA Station |
| 80 | SHARORAH | Sharorah | KSA | ODA Station |
| 81 | SHUQAIQ | Shukaikh | KSA | ODA Station |
| 82 | TUI | Turaif | KSA | ODA Station |
| 83 | UDALIYA | Udaliya | KSA | ODA Station |
| 84 | UTHMANIYAH | Uthmaniya | KSA | ODA Station |
| 85 | ZULFI | Zulfi | KSA | ODA Station |
| 86 | WADIALHAYAT | Wadi Al Haiyah | KSA | ODA Station |
| 87 | HARUB | Hurub | KSA | ODA Station |
| 88 | AHADMASARHA | Ahad Al Masareh | KSA | ODA Station |
| 89 | DAIR | Ad Dair | KSA | ODA Station |
| 90 | FAYFA | Fayfa | KSA | ODA Station |
| 91 | ALTUWAL | Al Tuwal | KSA | ODA Station |
| 92 | ALMWASSAM | Al Muwassam | KSA | ODA Station |

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|-----|---------------|--------------------|-----|-------------|
| 93 | ALMALHA | Al Malha | KSA | ODA Station |
| 94 | ALALIYA | Al Alyah | KSA | ODA Station |
| 95 | ABUALQAAYID | Abu Al Qa'ayid | KSA | ODA Station |
| 96 | RITH | Ar Rith | KSA | ODA Station |
| 97 | MASLIYAH | Misliyah | KSA | ODA Station |
| 98 | FATIHA | Al Fatiha | KSA | ODA Station |
| 99 | KADARAH | Al Kadarah | KSA | ODA Station |
| 100 | DARB | Al Darb | KSA | ODA Station |
| 101 | SHUQAIQ | Ash Shuqiq | KSA | ODA Station |
| 102 | HARIDHAH | Al Huraydah | KSA | ODA Station |
| 103 | AFLAJ | Aflaj | KSA | ODA Station |
| 104 | QUWIAH | QUWIAH | KSA | ODA Station |
| 105 | FARASANISLAND | Farasan Island | KSA | ODA Station |
| 106 | ABUARISH | Abu Arish | KSA | ODA Station |
| 107 | SARATOBDAIDAH | Sarat Obaidah | KSA | ODA Station |
| 108 | TABARJAL | Tabarjal | KSA | ODA Station |
| 109 | TAYMA | Taimah | KSA | ODA Station |
| 110 | BATHA | batha boder | KSA | ODA Station |
| 111 | DAWMATJANDAL | Dawmat Al Jandal | KSA | ODA Station |
| 112 | LAYLA | Layla | KSA | ODA Station |
| 113 | DHAHBAN | Dabhan | KSA | ODA Station |
| 114 | BAHRAH | Bahra | KSA | ODA Station |
| 115 | KHULAIS | Khulais | KSA | ODA Station |
| 116 | TURUBAH | Turubah | KSA | ODA Station |
| 117 | BANIAMRO | Bani Amro | KSA | ODA Station |
| 118 | QNF | Qunfudah | KSA | ODA Station |
| 119 | MAJARDAH | Al Majardah | KSA | ODA Station |
| 120 | MUQWAH | Muqwah | KSA | ODA Station |
| 121 | AQEEQ | Al Aqeeq | KSA | ODA Station |
| 122 | DOOS | Doos | KSA | ODA Station |
| 123 | HAJRAH | Al Hajrah | KSA | ODA Station |
| 124 | BALJURASHI | Baljurashi | KSA | ODA Station |
| 125 | BALGARN | Balgarn | KSA | ODA Station |
| 126 | MAJARIDAH | Almajaridah | KSA | ODA Station |
| 127 | MAHAILASIR | Mahail Asir | KSA | ODA Station |
| 128 | SARATOBDAIDAH | Surat Abeeda | KSA | ODA Station |
| 129 | TANOMAH | Tanomah | KSA | ODA Station |
| 130 | DHAHRANJANOUB | Dharan Al Janoub | KSA | ODA Station |
| 131 | SABTALAYA | Sabt Al Alaya | KSA | ODA Station |
| 132 | TATLITH | Tatlith | KSA | ODA Station |
| 133 | SUBEI | Subei | KSA | ODA Station |
| 134 | HABUNA | Habuna | KSA | ODA Station |
| 135 | DARB | Darb | KSA | ODA Station |

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|-----|---------------|-----------------|-----|-------------|
| 136 | SAMTAH | Samtah | KSA | ODA Station |
| 137 | AHADMASARHA | Ahad Masarha | KSA | ODA Station |
| 138 | BALGARSHI | Balgarshi | KSA | ODA Station |
| 139 | DAMAD | Damad Jizan | KSA | ODA Station |
| 140 | FARASANISLAND | Farzan Island | KSA | ODA Station |
| 141 | UMLAJ | Umlaj | KSA | ODA Station |
| 142 | TAYMA | Tayma | KSA | ODA Station |
| 143 | AFIF | Afif | KSA | ODA Station |
| 144 | AFLAJ | Al Aflaj | KSA | ODA Station |
| 145 | ALQASAB | Qasab | KSA | ODA Station |
| 146 | USHAIQER | Ushager | KSA | ODA Station |
| 147 | ALDUWADIMI | Al Dawadmi | KSA | ODA Station |
| 148 | HAQL | Hagl | KSA | ODA Station |
| 149 | MAJMAAH | Al Majma | KSA | ODA Station |
| 150 | ALARTAWIYAH | Artawiyah | KSA | ODA Station |
| 151 | QUWAIH | Al Quwiyah | KSA | ODA Station |
| 152 | SULAYYIL | Al Sulayyil | KSA | ODA Station |
| 153 | HOTATAMIM | Hota Bani Tamim | KSA | ODA Station |
| 154 | MUZAHIMIAH | Muzahimiah | KSA | ODA Station |
| 155 | JALAMID | Al Jalamid | KSA | ODA Station |
| 156 | SAJIR | Sajir | KSA | ODA Station |
| 157 | DURMA | Durma | KSA | ODA Station |
| 158 | ALRAIN | Al Rain | KSA | ODA Station |
| 159 | QUWAIH | Ruwaydah | KSA | ODA Station |
| 160 | ALJILAH | Al Jela | KSA | ODA Station |
| 161 | ULAH | Al Olah | KSA | ODA Station |
| 162 | HURAYMILA | Huraymila | KSA | ODA Station |
| 163 | TADIQ | Thadiq | KSA | ODA Station |
| 164 | HARIQ | Hariq | KSA | ODA Station |
| 165 | KHAIBAR | Khaibar | KSA | ODA Station |
| 166 | RUMAH | Rumah | KSA | ODA Station |
| 167 | TUMAIR | Thumair | KSA | ODA Station |
| 168 | ALFAGEER | Al Fageer | KSA | ODA Station |
| 169 | SHAQRA | Shaqra | KSA | ODA Station |
| 170 | MARAT | Marat | KSA | ODA Station |
| 171 | ALDILAM | Dilam | KSA | ODA Station |
| 172 | MAHDTHAHAB | Al Mahad Dahab | KSA | ODA Station |
| 173 | BADR | Bader | KSA | ODA Station |
| 174 | JALAJIL | Jalajil | KSA | ODA Station |
| 175 | HARADH | Haradh | KSA | ODA Station |
| 176 | BAQAA | Baqaa | KSA | ODA Station |
| 177 | MAZNAB | Al Maznab | KSA | ODA Station |
| 178 | BADAYEA | Al Badayea | KSA | ODA Station |

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|-----|---------------|-------------------|-----|-------------|
| 179 | GHAT | Al Ghat | KSA | ODA Station |
| 180 | AYONJAWA | Ayon Al Jawa | KSA | ODA Station |
| 181 | UQLATSAGOOR | Uqlat Al Sagoor | KSA | ODA Station |
| 182 | BUKAIRIAH | Al Bukairiah | KSA | ODA Station |
| 183 | TAR | Taroot | KSA | ODA Station |
| 184 | BATHA | Batha border | KSA | ODA Station |
| 185 | RAH | Rafhaa | KSA | ODA Station |
| 186 | QAYSUMAH | Qaysumah | KSA | ODA Station |
| 187 | AHADMASARHA | Ahad Masarha | KSA | ODA Station |
| 188 | DAMAD | Damad-Jizan | KSA | ODA Station |
| 189 | AQEEQ | Al Aqeeq | KSA | ODA Station |
| 190 | HAJRAH | Al Hajrah | KSA | ODA Station |
| 191 | MEKWAH | Mekwah | KSA | ODA Station |
| 192 | SHARORAH | Sharorah | KSA | ODA Station |
| 193 | AHADMASARHA | Ahad Al Masarhah | KSA | ODA Station |
| 194 | ALTUWAL | Al tuwal | KSA | ODA Station |
| 195 | DHAHRANJANOUB | Dhahran Al Janoub | KSA | ODA Station |
| 196 | MAHDTHAHAB | Al Mahad Al Dahab | KSA | ODA Station |
| 197 | HALATAMMAR | Halat amar | KSA | ODA Station |
| 198 | JAMOOM | Jamoom | KSA | ODA Station |
| 199 | QILWAH | Al Qilwah | KSA | ODA Station |
| 200 | SHAYBAH | Shaybah | KSA | ODA Station |
| 201 | ASSULAYYIL | SULAYIL | KSA | ODA Station |
| 202 | TURUBAH | Turubaa | KSA | ODA Station |
| 203 | SHINNAN | Al Shinnan | KSA | ODA Station |
| 204 | ALRAWDAH | Al Rawdaa | KSA | ODA Station |
| 205 | MAWQAQ | Moqaq | KSA | ODA Station |
| 206 | GAZALAH | Al Gazalah | KSA | ODA Station |
| 207 | ALHULAIFA | Al Hulaifa | KSA | ODA Station |
| 208 | ALHAIT | Al Hait | KSA | ODA Station |
| 209 | ALAJFAR | Al Ajfar | KSA | ODA Station |
| 210 | LINAH | Al Leena | KSA | ODA Station |
| 211 | JUBBAH | Jubaa | KSA | ODA Station |
| 212 | UTHMANIYAH | UTHMANIYYAH | KSA | ODA Station |
| 213 | UDALIYA | UDLIYA | KSA | ODA Station |
| 214 | SHIMASIYAH | Ash Shimasiyah | KSA | ODA Station |
| 215 | ALKAMIL | AlKamil | KSA | ODA Station |
| 216 | ALHENAKIYAH | Alhenakiyah | KSA | ODA Station |
| 217 | ALASYAH | Alasyah | KSA | ODA Station |
| 218 | NABHANIYAH | Al Nabhaniyah | KSA | ODA Station |
| 219 | RIYADHKHABRA | Riyadh Al Khabra | KSA | ODA Station |
| 220 | BUQAYQ | Buqayq | KSA | ODA Station |
| 221 | QARYATALULYA | Qaryat Al Ulya | KSA | ODA Station |

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|-----|------------|----------------|-----|-------------|
| 222 | RIJALALMAA | Rijal Almaa | KSA | ODA Station |
| 223 | HARTH | Al Harth | KSA | ODA Station |
| 224 | BAISH | Baish | KSA | ODA Station |
| 225 | EDABI | Al Edabi | KSA | ODA Station |
| 226 | ARIDHAH | Al Aridhah | KSA | ODA Station |
| 227 | BADRJANOUB | Badr Al Janoub | KSA | ODA Station |
| 228 | YADAMAH | Yadamah | KSA | ODA Station |
| 229 | THAR | Thar | KSA | ODA Station |
| 230 | KHBASH | Khbash | KSA | ODA Station |
| 231 | KHARKHIR | Al Kharkhir | KSA | ODA Station |
| 232 | SAFWA | Safwa | KSA | ODA Station |
| 233 | ASFAN | Asfan | KSA | ODA Station |
| 234 | BANIYAZED | Bani Yazdi | KSA | ODA Station |
| 235 | UMMALDOOM | UMMUL AL DHOOM | KSA | ODA Station |
| 236 | RADWAN | RADWAN | KSA | ODA Station |
| 237 | ASHEERA | ASHEERA | KSA | ODA Station |
| 238 | SABYA | Sabya | KSA | ODA Station |

Appendix D: List of Load Types.

| Load Types | |
|--------------|--------------------|
| Load Type ID | Load Type Name |
| 1 | Express |
| 2 | HW |
| 3 | LTL |
| 5 | Box |
| 7 | Pallet |
| 9 | Half Load |
| 10 | Full Load |
| 11 | C12D |
| 12 | C12P |
| 13 | C12PAID |
| 14 | C9D |
| 15 | C9P |
| 16 | CSD |
| 17 | CSP |
| 18 | WED |
| 19 | WEP |
| 20 | WEE |
| 26 | FF |
| 27 | GCC |
| 28 | Prepaid |
| 29 | Drums |
| 30 | Express Int'l |
| 31 | FTL Int'l |
| 32 | Courier Int'l |
| 33 | Document Int'l |
| 34 | Non Document Int'l |

| | |
|----|-------------------------|
| 35 | Document |
| 36 | Non Document |
| 37 | FTL Reefer |
| 38 | FTL-Drop Side |
| 39 | Express Domestic |
| 40 | HW Domestic |
| 41 | NAQEL Express Box 10 Kg |

Appendix E: List of Event Codes

| | | |
|----|---|---|
| 0 | Data Received, Record Created | تم إستقبال بيانات الشحنة |
| 1 | Shipment Picked Up | تم إستلام الشحنة من العميل |
| 2 | Shipment Arrived the Original Terminal | وصول الشحنة الي محطة العمليات |
| 3 | Shipment Arrived the Destination Terminal | وصول الشحنة الي محطة العمليات |
| 4 | Shipment Loaded to Truck | تم تحميل الشحنة في المركبة |
| 5 | Shipment Out For Delivery | تم إرسال الشحنة من أجل التسليم |
| 6 | Shipment Not Delivered | لم يتم تسليم الشحنة |
| 7 | Shipment Delivered in Good Condition | تم تسليم الشحنة للعميل بنجاح |
| 9 | Return to Origin | سيتم إعادة الشحنة إلى المرسل |
| 11 | Hold As per the Client Request | حفظت الشحنة بناءا علي طلب العميل |
| 12 | First SMS has been sent to Receiver | تم ارسال اول رسالة نصيه للمرسل اليه |
| 13 | No Answer SMS has been sent to Receiver | تم ارسال رساله عدم الاجابة للمرسل إليه |
| 14 | Second SMS has been sent to Receiver | تم إرسال الرسالة الثانية للمستلم |
| 15 | Original Waybill Ref No : | رقم البوليصة الرئيسية : |
| 21 | Out for Delivery Notification SMS Sent | تم إرسال رسالة الشحنة في طريقها للتسليم |
| 22 | Shipment Reweighted | تم إعادة وزن الشحنة |