Sonic

By

Version 2.0

April 18, 2022

Table of Contents

(a) Pre-Requisites:

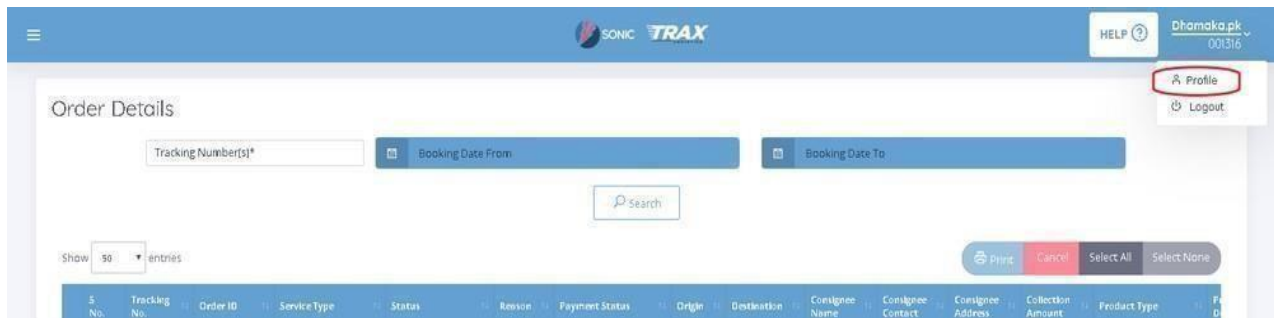HOW TO GET API AUTHORIZATION KEY

Fig 1: Profile option

On the header section of the portal, go for the profile option at the top-right (by clicking on the company name).
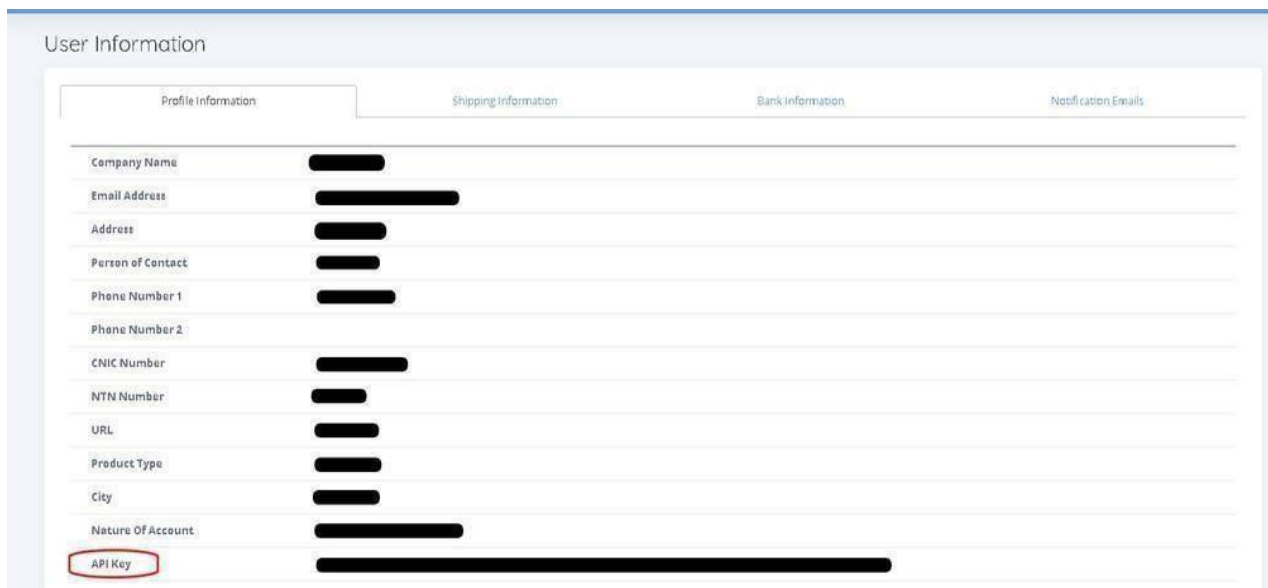

Fig 2: API Key field in the profile screen

Upon clicking, the profile screen will be opened, where the API key can be seen at the bottom row, which you can copy to use for authorization purposes.

1. Add a Pickup Address

METHOD -> `POST`

URL
https://sonic.pk/api/pickup_address/add

HEADERS

Input	Description
Authorization	API Key to be provided individually

BODY

Add these variables and their values as 'Body' in the API.

S.no.	Variable	Description	Condition	Validation	Format	Sample
1	person_of_contact	Name of the person who will be coordinating for pickup	Mandatory	Character limit:100	String	Ali Baba
2	phone_number	Phone Number of the coordinator for pickup	Mandatory	The phone number is bound on this format i.e.,03001234567	Integer	0300-1234567
3	Email_address	Email address of the coordinator for pickup	Mandatory		Email	hello@trax.pk
4	address	The address from which the shipment will be Picked	Mandatory	Character limit: 190	String	Shahra-e-Faisal, Karachi, Pakistan.
5	city_id	Float ID of the city from where the shipment will be picked	Mandatory	City IDs can be viewed From City List API	Integer	202

RESULT

```
{
    "status": 0,
    "message": "Pickup Address has been added",
    "id": 3015
}
```

2.List of Pickup Addresses

METHOD -> GET

URL
https://sonic.pk/api/pickup_addresses

HEADERS

Input	Description
Authorization	API Key to be provided individually

RESULT

```
{
    "status": 0,
    "message": "Pickup Addresses",
    "pickup_addresses": [
        {
            "id": 3012,
            "person_of_contact": "Sahban",
            "phone_number": "0349-1330874",
            "Email_address": "sgk@mail.com",
            "address": "Gulshan-e-Iqbal",
            "status": 1,
            "default": false,
            "city": {
                "id": 202,
                "name": "Karachi"
            }
        },
        {
            "id": 3015,
            "person_of_contact": "ali baba",
            "phone_number": "03001234567",
            "Email_address": "Email@trax.pk",
            "address": "shahra e faisal",
            "status": 1,
            "default": false,
            "city": {
                "id": 202,
                "name": "Karachi"
            }
        }
    ]
}
```

TRAX

3. City List and Information

METHOD -> GET

URL
https://sonic.pk/api/cities

HEADERS

Input	Description
Authorization	API Key to be provided individually

RESULT

```json
{
    "status": 0,
    "message": "Pickup and Delivery Information of Cities",
    "cities": [
        {
            "id": 101,
            "name": "Abbottabad",
            "hub": {
                "id": 101,
                "name": "Abbottabad"
            },
            "zone": {
                "id": 3,
                "name": "North"
            },
            "pickup": true,
            "delivery": {
                "Regular": [
                    "Rush",
                    "Saver Plus"
                ],
                "Replacement": [
                    "Rush"
                ]
            }
        },
        {
            "id": 102,
            "name": "Abdul Hakim",
            "hub": {
                "id": 251,
                "name": "Multan"
```

TRAX

```
        },
        "zone": {
            "id": 2,
            "name": "Central"
        },
        "pickup": false,
        "delivery": {
            "Regular": [
                "Rush",
                "Saver Plus"
            ],
            "Replacement": [
                "Rush"
            ]
        }
    },
```

4. Book a Shipment

METHOD -> <mark>POST</mark>

URL
https://sonic.pk/api/shipment/book

HEADERS

Input	Description
Authorization	API Key to be provided individually

BODY

Add these variables and their values as 'Body' in the API.

FOR REGULAR SHIPMENTS

S.no	Variable	Description	Condition	Validation	Format	Sample
1	service_type_id	Defines the service that you are going to use i.e., Regular Replacement, or Try & Buy.	Mandatory	Check Appendix A	Integer	1
2	pickup_address_id	The address from which the shipment will be picked	Mandatory	Address IDs can be viewed from Addresses API	Integer	123
3	information_display	Option to show or hide your contact details on the air waybill	Mandatory	To hide enter "0", to show enter "1"	Integer	0
4	consignee_city_id	Float ID of the city where the shipment will be delivered	Mandatory	City IDs can be viewed from City List API . Only cities allotted for the subjected service can be added	Integer	202

5	consignee_name	Name of the receiver to whom the shipment will be delivered	Mandatory	Character limit: 100	String	Abdullah
6	consignee_address	Address where the shipment will be delivered	Mandatory	Character limit 190	String	Shahra-e-Faisal, Karachi, Pakistan.
7	consignee_phone_number_1	Phone Number of the receiver	Mandatory	The Phone Number is bound on this format i.e., 03001234567	Phone Number	0300-1234567
8	consignee_phone_number_2	Another Phone Number of the receiver	Optional	The Phone Number is bound on this format i.e., 0300-1234567	Phone Number	0300-1234567
9	consignee_email_address	Email address of the coordinator for pickup	Mandatory		Email	hello@trax.pk
10	order_id	Shipper's own reference ID	Optional	It must be unique for one shipper. Character Limit: 100	String	A-148
11	item_product_type_id	Category of the item(s) in the order to be delivered	Mandatory	Check Appendix B	Integer	12
12	item_description	Nature and details of the item(s) in the order to be delivered	Mandatory	Character limit: 190	String	One black t-shirt medium
13	item_quantity	Number of item(s)	Mandatory		Integer	2

14	item_insurance	Provision to opt Insurance claim in case of loss of item	Mandatory	This will only be valid for customers whose insurance is authorized at the time of account opening, to deselect enter "0", to select enter "1"	Integer	0
15	item_price	Value of the item(s) in the order	Optional	Subjected to selecting item_insuranc e	Integer	1000
16	pickup_date	Date at which the order is requested to be picked	Mandatory	YYYY-MM-DD	Date	2018-08-07
17	special_instructions	Any reference or remarks regarding the delivery	Optional		String	Please call before delivery
18	estimated_weight	Estimated mass of the shipment	Mandatory	Please note that this will not be the final weight of the shipment and no charges will be calculated based on this value	Float	1.05
19	shipping_mode_id	The method of shipping through which the shipment will be delivered	Mandatory	Check Appendix C	Integer	1
20	same_day_timing_id	For same-day shipping mode, define the timeline in	Optional	For "6 hours" enter "1",	Integer	1

		which the shipment will be delivered		For "Sameday" enter "2"		
21	amount	The amount to be collected at the time of delivery	Mandatory	Do not use commas or dots for this Parameter	Integer	1000
22	payment_mode_id	How the amount will be collected, either COD, card or mobile wallet	Mandatory	Check Appendix C	Integer	1
23	charges_mode_id	How the shipper would want TRAX to collect their service charges, either from the shipper or from their consignees via 2Pay option	Mandatory	Check Appendix F	Integer	2 or 4 for Reimbursement Account type, 2 or 3 for Invoicing Account type
24	open_shipment	Customer allows to open the shipment at the time of delivery	Optional	To open box "1"	Integer	0 and 1
25	pieces_quantity	To book a shipment for multiple pieces.	Optional	Integer between 1 to 10	Integer	1 to 10
26	shipper_reference_number _1	be picked respect to his shipment	Optional	be picked	String	Abdullah 1122
27	shipper_reference_number _2	If Shipper wants to add any reference with respect to his shipment	Optional	Character Limit: 190	String	Abdullah 1122
28	shipper_reference_number _3	If Shipper wants to add any reference with respect to his shipment	Optional	Character Limit: 190	String	Abdullah 1122

S.no	Variable		Condition	Validation	Format	Sample
29	shipper_reference_number_4	If Shipper wants to add any reference with respect to his shipment	Optional	Character Limit: 190	String	Abdullah 1122
30	shipper_reference_number_5	If Shipper wants to add any reference with respect to his shipment	Optional	Character Limit: 190	String	Abdullah 1122

FOR REPLACEMENT SHIPMENTS

S.no.	Variable	Description	Condition	Validation	Format	Sample
1	service_type_id	Defines the service that you are going to use i.e. Regular, Replacement, or Try & Buy	Mandatory	Check Appendix A	Integer	2
2	pickup_address_id	The address from which the shipment will be picked	Mandatory	Address IDs can be viewed from Addresses API	Integer	123
3	information_display	Option to show or hide your contact details on the air waybill	Mandatory	To hide enter "0", to show enter "1"	Integer	0
4	consignee_city_id	Float ID of the city where the shipment will be delivered	Mandatory	City IDs can be viewed from City List API . Only cities allotted for the subjected service can be added	Integer	202
5	consignee_name	Name of the receiver to whom the shipment will be delivered	Mandatory	Character limit: 100	String	Abdullah
6	consignee_address	Address where the shipment delivered	Mandatory	Character limit: 190	String	Shahra-e-Faisal, Karachi

7	consignee_phone_number_1	Phone Number of the receiver	Mandatory	The Phone Number is bound on this format i.e. 0300-1234567	Phone Number	0300-1234567
8	consignee_phone_number_2	Another Phone Number of the receiver	Optional	The Phone Number is bound on this format i.e. 0300-1234567	Phone Number	0300-1234567
9	consignee_email_address	Email address of the coordinator for pickup	Mandatory		Email	hello@trax.pk
10	order_id	Shipper's own reference ID	Optional	It must be unique for one shipper. Character limit: 100	String	A-148
11	item_product_type_id	Category of the item(s) in the order to be delivered	Mandatory	Check Appendix B	Integer	12
12	item_description	Nature and details of the item(s) in the order to be delivered	Mandatory	Character limit: 190	String	one black t shirt medium
13	item_quantity	Number of item(s)	Mandatory		Integer	2
14	item_insurance	Provision to opt Insurance claim in case of loss of items	Mandatory	This will only be valid for customers whose insurance is authorized at the time of account opening, to deselect enter "0, to select enter "1"	Integer	0
15	item_price	Value of the item(s) in the ordesr	Mandatory	Subjected to selecting item_insurance	Integer	100
16	replacement_item_product_type_id	Category of the item(s) in the order to be exchanged	Mandatory	Check Appendix B	Integer	11

17	replacement_item_description	Nature and details of the item(s) in the order to be exchanged	Mandatory	Character limit: 190	String	one blue t shirt medium
18	replacement_item_quantity	Number of item(s)	Mandatory		Integer	1
19	Replacement_item_image	Add replacement image	Optional	Image format required	Png, Jpeg	
20	special_instructions	Any reference or remarks regarding the delivery	Optional	Character limit: 250	String	Please call before Delivery
21	estimated_weight	Estimated mass of the shipment	Mandatory	Please note that this will not be the final weight of the shipment and no charges will be calculated based on this value	Float	1.00
22	shipping_mode_id	The method of shipping through which the shipment will be delivered	Mandatory	Check Appendix C	Integer	1
23	amount	The amount to be collected at the time of delivery	Mandatory	Do not use commas or dots for this parameter	Integer	1000
24	charges_mode_id	How the shipper would want TRAX to collect their service charges, either from the shipper or from their consignees via 2Pay option	Mandatory	Check Appendix F	Integer	2 or 4 for Reimbursement Account type, 2 or 3 for Invoicing Account type
25	payment_mode_id	How the amount will be collected, either COD, card or mobile wallet	Mandatory	Check Appendix D	Integer	1
26	open_shipment	Customer allows to open the shipment at	Optional	To open box	Integer	0 and 1

		the time of delivery		"1"		
27	shipper_reference_number_1	If Shipper wants to add any reference with respect to his shipment	Optional	Character Limit: 190	String	Abdullah 11 22
28	shipper_reference_number_2	If Shipper wants to add any reference with respect to his shipment	Optional	Character Limit: 190	String	Abdullah 11 22
29	shipper_reference_number_3	If Shipper wants to add any reference with respect to his shipment	Optional	Character Limit: 190	String	Abdullah 11 22
30	shipper_reference_number_4	If Shipper wants to add any reference with respect to his shipment	Optional	Character Limit: 190	String	Abdullah 11 22
31	shipper_reference_number_5	If Shipper wants to add any reference with respect to his shipment	Optional	Character Limit: 190	String	Abdullah 11 22

FOR TRY & BUY SHIPMENTS

S.no.	Variable	Description	Condition	Validation	Format	Sample
1	service_type_id	Defines the service that you are going to use i.e. Regular, Replacement, or Try & Buy	Mandatory	Check Appendix A	Integer	3
2	pickup_address_id	The address from which the shipment will be picked	Mandatory	Address IDs can be viewed from Addresses API	Integer	123
3	information_display	Option to show or hide your contact details on the air waybill	Mandatory	To hide enter "0", to show enter "1"	Integer	0

T R A X

4	consignee_city_id	Float ID of the city where the shipment will be delivered	Mandatory	City IDs can be viewed from City List API . Only cities allotted for the subjected service can be added	Integer	202
5	consignee_name	Name of the receiver to whom the shipment will be delivered	Mandatory	Character limit: 100	String	Abdullah
6	consignee_address	Address where the shipment will be delivered	Mandatory	Character limit: 190	String	Shahra e Faisal, Karachi, Pakistan
7	consignee_phone_number_1	Phone Number of the receiver	Mandatory	The Phone Number is bound on this format i.e., 0300-1234567	Phone Number	0300-1234567
8	consignee_phone_number_2	Another Phone Number of the receiver	Optional	The Phone Number is bound on this format i.e. 0300-1234567	Phone Number	0300-1234567
9	consignee_email_address	Email address of the coordinator for pickup	Mandatory	"@" is mandatory to add	Email	hello@trax.pk
10	order_id	Shipper's own reference ID	Optional	It must be unique for one shipper. Character limit: 100	String	A-148
11.1	items[n][item_product_type_id]	Category of the item no. "n" in the order to be delivered, where "n" is any no. of items in a Try & Buy	Mandatory	Check Appendix B	Integer	10

		Shipment				
11.2	items[n][item_description]	Nature and details of the item no. "n" in the order to be delivered	Mandatory	Character limit: 190	String	one black t shirt medium
11.3	items[n][item_quantity]	Number of item(s)	Mandatory		Integer	1
11.4	items[n][item_insurance]	Provision to opt Insurance claim in case of loss of items	Mandatory	This will only be valid for customers whose insurance is authorized at the time of account opening, to deselect enter "0", to select enter "1"	Integer	1
11.5	Items[n]product_value	Put the value of each product	Mandatory		Integer	1000
11.6	items[n][item_price]	Value of the item no. "n" in the order	Mandatory	Subjected to selecting item_insurance	Integer	1000
12	package_type	Defines either the Try & Buy will be complete i.e. all the items will be delivered or returned, or partial i.e. some of the items will be delivered and remaining will be returned	Mandatory	For complete enter "1", for partial enter "2"	Integer	1
13	pickup_date	Date at which the order is requested to be picked	Mandatory	YYYY-MM-DD	date	2018-08-07
15	try_and_buy_fess	Fess that will charges consignee	Mandatory		Integer	1000
16	special_instructions	Any reference or remarks regarding the delivery	Optional	Character limit: 190	String	Please call before delivery

17	estimated_weight	Estimated mass of the shipment	Mandatory	Please note that this will not be the final weight of the shipment and no charges will be calculated based on this value	Float	1.05
18	shipping_mode_id	The method of shipping through which the shipment will be delivered	Mandatory	Check Appendix C	Integer	1
19	amount	The amount to be collected at the time of delivery	Mandatory	Do not use commas or dots for this parameter	Integer	1000
20	charges_mode_id	How the shipper would want TRAX to collect their service charges, either from the shipper or from their consignees via 2Pay option	Mandatory	Check Appendix F	Integer	2 or 4 for Reimbursement Account type, 2 or 3 for Invoicing Account type
21	open_shipment	Customer allows to open the shipment at the time of delivery	Optional	To open box "1"	Integer	0 and 1
22	payment_mode_id	How the amount will be collected, either COD, card or mobile wallet	Mandatory	Check Appendix D	Integer	1
23	shipper_reference_number_1	If Shipper wants to add any reference with respect to his shipment	Optional	Character Limit: 190	String	Abdullah 11 22
24	shipper_reference_number_2	If Shipper wants to add any reference with respect to his shipment	Optional	Character Limit: 190	String	Abdullah 11 22
25	shipper_reference_number_3	If Shipper wants to add any reference with respect to his shipment	Optional	Character Limit: 190	String	Abdullah 11 22
26	shipper_reference_number_4	If Shipper wants to add any reference with respect to his	Optional	Character Limit: 190	String	Abdullah 11 22

TRAX

		shipment				
27	shipper_reference_number_5	If Shipper wants to add any reference with respect to his shipment	Optional	Character Limit: 190	String	Abdullah 11 22

RESULT
```
{
    "status": 0,
    "message": "Shipment has been Booked!",
    "tracking number": "101101000405
            }
```

NOTE

If you are using Corporate Invoicing Account. Please be informed that you have to provide the type of delivery (Door-Step/Hub to Hub).

S.no.	Variable	Description	Condition	Validation	Format	Sample
01	delivery_type_id	Define the type of delivery that you are going to use • delivery_type_id = 1 (Door Step) • delivery_type_id = 2 (Hub to Hub)	Mandatory	Input can be 1 OR 2	Integer	1

TRAX

5. Current Status of a Shipment

METHOD -> `GET`

URL
https://sonic.pk/api/shipment/status

HEADERS

Input	Description
Authorization	Authentication key which will be used for security purposes

PARAMS

Add these variables and their values as 'Params' in the API.

S.no.	Variable	Description	Condition	Validation	Format	Sample
1	tracking_number	The number generated upon booking of the shipment	Mandatory	All digits to be entered	Integer	101101000405
2	type	Defines the type of status tracking, either for shipper or general	Mandatory	Check Appendix E	Integer	0

RESULT

```
{
    "status": 0,
    "message": "Status of Shipment#101101000392",
    "current_status":"Replacement-Exchanged"
          }
```

6. Tracking of a Shipment

METHOD -> `GET`

URL
https://sonic.pk/api/shipment/track

HEADERS

Input	Description
Authorization	Authentication key which will be used for security purposes

PARAMS

Add these variables and their values as 'Params' in the API

FOR SHIPPERS TRACKING

S.no.	Variable	Description	Condition	Validation	Format	Sample
1	tracking_number	The number generated upon booking of the shipment	Mandatory	All digits to be entered	Integer	202202366397
2	type	Defines the type of status tracking, either for shipper or general	Mandatory	Check Appendix E	Integer	0

RESULT

```json
{
    "status": 0,
    "message": "Tracking of Shipment #202202366397",
    "details": {
        "tracking_number": "202202366397",
        "order_id": null,
        "shipper": {
            "name": "SGK Enterprises",
            "account_number": 10374,
            "phone_number_1": "0349-1663481",
            "phone_number_2": null,
            "Email": "sgk@mail.com",
            "city": "Karachi"
```

```json
        },
        "pickup": {
            "origin": "Karachi",
            "person_of_contact": "Sahban",
            "phone_number": "0349-1330874",
            "Email": "sgk@mail.com",
            "address": "Gulshan-e-Iqbal"
        },
        "consignee": {
            "name": "saltanat",
            "phone_number_1": "0312-2222222",
            "phone_number_2": null,
            "destination": "Karachi",
            "address": "asfjkgasfkjh"
        },
        "order_information": {
            "items": [
                {
                    "order_id": null,
                    "product_type": "Personal Electronics (Mobile Phones, Laptops, etc
)",
                    "description": "1223xqw",
                    "quantity": 1
                }
            ],
            "weight": 2,
            "shipping_mode": "Rush",
            "amount": 0,
            "instructions": null
        },
        "tracking_history": [
            {
                "date_time": "05/04/2022 12:44 PM",
                "timestamp": 1649144698,
                "status": "Shipment - Out for Delivery",
                "status_reason": null
            },
            {
                "date_time": "05/04/2022 12:44 PM",
                "timestamp": 1649144698,
                "status": "Shipment - Delivery Unsuccessful",
                "status_reason": "Address Incomplete"
            },
            {
                "date_time": "01/04/2022 11:03 AM",
                "timestamp": 1648793031,
                "status": "Shipment - Out for Delivery",
                "status_reason": null
```

```
        },
        {
            "date_time": "01/04/2022 11:03 AM",
            "timestamp": 1648793031,
            "status": "Shipment - Delivery Unsuccessful",
            "status_reason": "Address Closed"
        },
        {
            "date_time": "31/03/2022 02:41 PM",
            "timestamp": 1648719671,
            "status": "Shipment - Out for Delivery",
            "status_reason": null
        },
        {
            "date_time": "31/03/2022 02:31 PM",
            "timestamp": 1648719107,
            "status": "Shipment - Arrived at Origin",
            "status_reason": null
        },
        {
            "date_time": "31/03/2022 02:31 PM",
            "timestamp": 1648719071,
            "status": "Shipment - Arrival Service Center",
            "status_reason": null
        },
        {
            "date_time": "31/03/2022 10:56 AM",
            "timestamp": 1648706190,
            "status": "Shipment - Booked",
            "status_reason": null
        }
    ]
  }
}
```

FOR CONSIGNEES' AND GENERAL TRACKING

S.no.	Variable	Description	Condition	Validation	Format	Sample
1	tracking_number	The number generated upon booking of the shipment	Mandatory	All digits to be entered	Integer	202202366397
2	type	Defines the type of status tracking, either for shipper or general	Mandatory	Check Appendix E	Integer	1

TRAX

RESULT

```
{
    "status": 0,
    "message": "Tracking of Shipment #202202366397",
    "details": {
        "tracking_number": "202202366397",
        "order_id": null,
        "shipper": {
            "name": "SGK Enterprises"
        },
        "pickup": {
            "origin": "Karachi"
        },
        "consignee": {
            "name": "saltanat",
            "phone_number_1": "0312-2222222",
            "phone_number_2": null,
            "destination": "Karachi",
            "address": "asfjkgasfkjh"
        },
        "order_information": {
            "items": [
                {
                    "order_id": null,
                    "product_type": "Personal Electronics (Mobile Phones, Laptops, etc
)",
                    "description": "1223xqw",
                    "quantity": 1
                }
            ]
        },
        "tracking_history": [
            {
                "date_time": "05/04/2022 12:44 PM",
                "timestamp": 1649144698,
                "status": "Shipment - Out for Delivery",
                "status_reason": null
            },
            {
                "date_time": "05/04/2022 12:44 PM",
                "timestamp": 1649144698,
                "status": "Shipment - Delivery Unsuccessful",
                "status_reason": "Address Incomplete"
            },
            {
```

```json
            "date_time": "01/04/2022 11:03 AM",
            "timestamp": 1648793031,
            "status": "Shipment - Out for Delivery",
            "status_reason": null
        },
        {

            "date_time": "01/04/2022 11:03 AM",
            "timestamp": 1648793031,
            "status": "Shipment - Delivery Unsuccessful",
            "status_reason": "Address Closed"
        },
        {

            "date_time": "31/03/2022 02:41 PM",
            "timestamp": 1648719671,
            "status": "Shipment - Out for Delivery",
            "status_reason": null
        },
        {

            "date_time": "31/03/2022 02:31 PM",
            "timestamp": 1648719107,
            "status": "Shipment - Arrived at Origin",
            "status_reason": null
        },
        {

            "date_time": "31/03/2022 02:31 PM",
            "timestamp": 1648719071,
            "status": "Shipment - Arrival Service Center",
            "status_reason": null
        },
        {

            "date_time": "31/03/2022 10:56 AM",
            "timestamp": 1648706190,
            "status": "Shipment - Booked",
            "status_reason": null
        }
    ]
  }
}
```

7.Charges of a Shipment

METHOD -> `GET`

URL
https://sonic.pk/api/shipment/charges

HEADERS

Input	Description
Authorization	Authentication key which will be used for security purposes

PARAMS

Add these variables and their values as 'Params' in the API

S.no.	Variable	Description	Condition	Validation	Format	Sample
1	tracking_number	The number generated upon booking of the shipment	Mandatory	All digits to be entered	Integer	202202366397

RESULT

```
{
    "status": 0,
    "message": "Charges of Shipment #202202366397",
    "charges": {
        "weight_charges": "250.00",
        "fuel_surcharge": "32.50",
        "cash_handling_charges": "0.00",
        "net_payable": "-319.23",
        "total_charges": "282.50",
        "gst": "36.73"
    }
}
```

TRAX

8. Payment Status of a Shipment

METHOD -> <mark>GET</mark>

URL
https://sonic.pk/api/shipment/payment_status

HEADERS

Input	Description
Authorization	Authentication key which will be used for security purposes

PARAMS

Add these variables and their values as 'Params' in the API

S.no.	Variable	Description	Condition	Validation	Format	Sample
1	Tracking_number	The number generated upon booking of the shipment	Mandatory	All digits to be entered	Integer	144154365851

RESULT
```
{
    "status": 0,
    "message": "Payment Status of Shipment #144154365851",
    "current_payment_status": "Payment - Processed"
}
```

T R A X

9. Payment Details of a Shipment [Multiple]

METHOD -> <mark>GET</mark>

URL
https://sonic.pk/api/payments

HEADERS

Input	Description
Authorization	Authentication key which will be used for security purposes

PARAMS

Add these variables and their values as 'Params' in the API. You can add multiple tracking numbers in array.

S.no.	Variable	Description	Condition	Validation	Format	Sample
1	tracking_number[]	Input multiple tracking numbers	Mandatory	All digits to be entered	Integer	144154365851

RESULT

```json
{
    "status": 0,
    "payments": {
        "144154365851": [
            {
                "payment_status": "Processed",
                "billing_method": "Reimbursement Account",
                "payment_date": "2022-04-14 11:10:47",
                "payment_method": "IBFT",
                "payment_type": "Delivered",
                "payment_id": 5463
            }
        ]
    }
}
```

9. Payment Details of a Shipment [Invoice]

METHOD -> GET

URL
https://sonic.pk/api/invoice

HEADERS

Input	Description
Authorization	Authentication key which will be used for security purposes

PARAMS

Add these variables and their values as 'Params' in the API

S.no.	Variable	Description	Condition	Validation	Format	Sample
1	id	Invoice id and payment id	Mandatory	All digits to be entered	Integer	930
2	type	For Invoice 1 and for payment 2	Mandatory	1 for invoice 2 for payment	Integer	1, 2

RESULT

```
{
    "status": 0,
    "payments": {
        "billing_method": "Corporate Invoicing Account",
        "invoice_date": "2021-06-21 00:00:00",
        "shipments": [
            {
                "202202360876": {
                    "payment_type": "Delivered",
                    "weight_charges": "500.00",
                    "cash_handling_charges": "0.00",
                    "insurance_charges": null,
                    "return_charges": 0,
                    "fuel_surcharge": "50.00",
                    "replacement_charges": null,
                    "try_and_buy_charges": null,
                    "intercept_charges": null,
```

TRAX

```json
            "osa_charges": null,
            "adjustment_charges": 0,
            "total_charges": "550.00",
            "gst": "71.50",
            "invoice_amount": "621.50"
        }
    },
    {
        "202223364138": {
            "payment_type": "Delivered",
            "weight_charges": "999999.99",
            "cash_handling_charges": null,
            "insurance_charges": null,
            "return_charges": 0,
            "fuel_surcharge": null,
            "replacement_charges": null,
            "try_and_buy_charges": null,
            "intercept_charges": null,
            "osa_charges": null,
            "adjustment_charges": 0,
            "total_charges": "999999.99",
            "gst": "130000.00",
            "invoice_amount": "1129999.99"
        }
    }
    ]
    }
}
```

10. Payment Details of a Shipment

METHOD -> `GET`

> **URL**
> https://sonic.pk/api/shipment/payments

HEADERS

Input	Description
Authorization	Authentication key which will be used for security purposes

PARAMS

Add these variables and their values as 'Params' in the API

S.no.	Variable	Description	Condition	Validation	Format	Sample
1	tracking_number	The number generated upon booking of the shipment	Mandatory	All digits to be entered	Integer	202202364291

RESULT

```
{
    "status": 0,
    "message": "Payment(s) of Shipment #202202364291",
    "charges": {
        "cash_handling_charges": "0.00"
    },
    "current_payment_status": "Payment - Processed",
    "payments": [
        {
            "id": 5457,
            "datetime": "2022-01-07 13:04:58",
            "type": 0,
            "amount": 1020,
            "charges": "0.00",
            "gst": "0.00",
            "payable": "1020.00"
        }
    ]
```

TRAX

11.Printing Air waybill (Consignment Note) of a Shipment

METHOD -> <mark>GET</mark>

URL
https://sonic.pk/api/shipment/air_waybill

HEADERS

Input	Description
Authorization	Authentication key which will be used for security purposes

PARAMS

Add these variables and their values as 'Params' in the API.

S.no.	Variable	Description	Condition	Validation	Format	Sample
1	tracking_number	The number generated upon booking of the shipment	Mandatory	All digits to be entered	Integer	202202366396
2	type	Type of print, whether pdf or jpeg	Mandatory	for jpeg, enter type=0, for pdf enter type=1	Integer	0

RESULT

12. Cancelling a Booked Shipment

METHOD -> <mark>POST</mark>

URL
https://sonic.pk/api/shipment/cancel

HEADERS

Input	Description
Authorization	Authentication key which will be used for security purposes

BODY

Add these variables and their values as 'Body' in the API.

S.no.	Variable	Description	Condition	Validation	Format	Sample
1	tracking_number	The number generated upon booking of the shipment	Mandatory	All digits to be entered	Integer	202202366396

RESULT

```
{
    "status": 0,
    "message": "Shipment #202202366396 is Cancelled"
}
```

13. Calculating the Rates for a Destination

METHOD -> <mark>POST</mark>

URL
https://sonic.pk/api/charges_calculate

HEADERS

Input	Description
Authorization	Authentication key which will be used for security purposes

BODY

Add these variables and their values as 'Body' in the API.

S.no.	Variable	Description	Condition	Validation	Format	Sample
1	service_type_id	Defines the service that you are going to use i.e., Regular, Replacement, or Try & Buy	Mandatory	Check Appendix A	Integer	1
2	origin_city_id	Float ID of the city from where the shipment will be picked	Mandatory	City IDs can be viewed from City List API	Integer	202
3	destination_city_id	Float ID of the city from where the shipment will be picked	Mandatory	City IDs can be viewed from City List API	Integer	202
4	estimated_weight	Estimated mass of the shipment	Mandatory	Please note that this will not be the final weight of the shipment and no charges will be calculated based on this value	Float	1.05
5	shipping_mode_id	The method of shipping through which the shipment will be delivered	Mandatory	Check Appendix C	Integer	1
6	amount	The amount to be collected at the time of delivery	Mandatory	Do not use commas or dots for this parameter	Integer	1000

TRAX

RESULT

```json
{
    "status": 0,
    "message": "Charges Calculated",
    "information": {
        "origin": {
            "city": "Karachi",
            "zone": "South"
        },
        "destination": {
            "city": "Karachi",
            "class": "Local"
        },
        "charges": {
            "weight": 250,
            "cash_handling": 0,
            "fuel_surcharge": 57.5,
            "total_charges": 307.5,
            "gst": 39.97,
            "net_payable": 652.53
        },
        "chargeable_weight": 2
    }
}
```

14. Creating a Receiving Sheet

METHOD -> <mark>POST</mark>

URL
https://sonic.pk/api/receiving_sheet/create

HEADERS

Input	Description
Authorization	Authentication key which will be used for security purposes

BODY

Add these variables and their values as 'Body' in the API. You have to add multiple tracking numbers in array.

S.no.	Parameter	Description	Condition	Validation	Format	Sample
1	tracking_numbers[]	The number generated upon booking of the shipment	Mandatory	All digits to be entered	Integer	202202366396
2	tracking_numbers[]	The number generated upon booking of the shipment	Mandatory	All digits to be entered	Integer	202202366396

NOTE: Here, tracking numbers will be entered in an array i.e., multiple tracking numbers can be added

RESULT

```
{
    "status": 0,
    "message": "Receiving Sheet has been Created",
    "receiving_sheet_id": 6158
}
```

15. View/Print a Receiving Sheet

METHOD -> <mark>GET</mark>

URL
https://sonic.pk/api/receiving_sheet/view

HEADERS

Input	Description
Authorization	Authentication key which will be used for security purposes

PARAMS

Add these variables and their values as 'Params' in the API.

S.no.	Variable	Description	Condition	Validation	Format	Sample
1	receiving_sheet_id	The number generated upon the creation of receiving sheet	Mandatory	All digits to be entered	Integer	405
2	type	Type of print, whether pdf or jpeg	Mandatory	for jpeg, enter type=0, for pdf enter type=1	Integer	0

RESULT

16. Order ID Tracking

METHOD -> <mark>GET</mark>

URL
https://sonic.pk/api/shipment/track/order_id

HEADERS

Input	Description
Authorization	Authentication key which will be used for security

PARAMS

Add these variables and their values as 'Params' in the API

S.no.	Variable	Description	Condition	Format	Sample
1	order_id	The serials generated by user	Mandatory	Integer	405
2	type	Defines the type of status tracking, either for shipper or general	Mandatory	Integer	0

RESULT

```
{
    "status": 0,
    "message": "Tracking of Shipment(s) - Order ID #000654",
    "details": [
        {
            "tracking_number": 144154365854,
            "order_id": "000654",
            "shipper": {
                "name": "Digikhata.pk Test",
                "account_number": 10372,
                "phone_number_1": "0313-7979999",
                "phone_number_2": null,
                "Email": "umair.qayyum@digikhata.pk",
                "city": "Faisalabad"
            },
            "pickup": {
                "origin": "Faisalabad",
                "person_of_contact": "Kashif Mehmood",
```

TRAX

```json
            "phone_number": "03007749150",
            "Email": "couriers@digikhata.pk",
            "address": "Main bazar road block 3"
        },
        "consignee": {
            "name": "ali raza",
            "phone_number_1": "0304-4470811",
            "phone_number_2": null,
            "destination": "Gojra",
            "address": "gojra dawakhri"
        },
        "order_information": {
            "items": [
                {
                    "order_id": "000654",
                    "product_type": "Other",
                    "description": "Eggs",
                    "quantity": 1
                }
            ],
            "weight": 1,
            "shipping_mode": "Rush",
            "amount": 3000,
            "instructions": "handle"
        },
        "tracking_history": [
            {
                "date_time": "24/03/2022 03:54 PM",
                "timestamp": 1648119261,
                "status": "Shipment - Out for Delivery",
                "status_reason": null
            },
            {
                "date_time": "24/03/2022 03:46 PM",
                "timestamp": 1648118780,
                "status": "Shipment - Arrived at Origin",
                "status_reason": null
            },
            {
                "date_time": "24/03/2022 03:35 PM",
                "timestamp": 1648118122,
                "status": "Shipment - Booked",
                "status_reason": null
            }
        ]
    }
  ]
}
```

TRAX

17. Shipment Status by Order ID

METHOD -> `GET`

URL
https://sonic.pk/api/shipment/status/order_id

HEADERS

Input	Description
Authorization	Authentication key which will be used for security purposes

PARAMS

Add these variables and their values as 'Params' in the API.

S.no.	Variable	Description	Condition	Format	Sample
1	order_id	The serials generated by user	Mandatory	Integer	405
2	type	Defines the type of status tracking, either for shipper or general	Mandatory	Integer	0

RESULT

```
{
    "status": 0,
    "message": "Status of Shipment(s) - Order ID #03057171238",
    "details": [
        {
            "origin": "Karachi",
            "destination": "Lahore",
            "tracking_number": 20222315751328,
            "status": "Shipment - Out for Delivery",
            "reason": null,
            "current_status_datetime": "07/04/2022 01:49 PM"
        }
    ]
}
```

18. Return Confirmation Pending Status

METHOD -> POST

URL
https://sonic.pk/api/request/rcp

Input	Description
Authorization	Authentication key which will be used for security purposes

BODY

Add these variables and their values as 'Body' in the API

S.no.	Variable	Condition	Format	Sample
1	tracking_number	Mandatory	Integer	564864998
2	type	Mandatory	Integer	Check Appendix J
3	remarks	Optional	String	remarks

RESULT

```
{
    "status": 0,
    "message": "Shipment successfully marked as Shipment - Return Confirm"
}
```

19. Re-attempted Requested Status

METHOD -> <mark>POST</mark>

URL
https://sonic.pk/api/request/rcp

HEADERS

Input	Description
Authorization	Authentication key which will be used for security purposes

BODY

Add these variables and their values as 'Body' in the API

S.no.	Variable	Condition	Format	Sample
1	tracking_number	Mandatory	Integer	435231300
2	type	Mandatory	Integer	Check Appendix J
3	remarks	Optional	String	Remarks

RESULT

```
{
    "status": 0,
    "message": "Shipment successfully updated as (Re-Attempt - Requested)"
}
```

20. Intercept/Rebook Request

METHOD -> <mark>POST</mark>

URL
https://sonic.pk/api/request/rcp

HEADERS

Input	Description
Authorization	Authentication key which will be used for security purposes

BODY

Add these variables and their values as 'Body' in the API

Parameters for consignee_type = 1

S.no.	Variable	Condition	Format	Sample
1	tracking_number	Mandatory	Integer	54546464
2	type	Mandatory	Integer	Check Appendix J
3	remarks	Optional	String	Remarks
4	consignee_address	Mandatory	String	Address
5	consignee_type	Mandatory	Integer	Check Appendix K
6	consignee_phone_number_1	Mandatory	Number Format	number

Parameters for consignee_type = 2

S.no.	Variable	Condition	Format	Sample
1	tracking_number	Mandatory	Integer	64564871
2	type	Mandatory	Integer	Check Appendix J
3	remarks	Optional	String	Remarks
4	consignee_address	Mandatory	String	Block/ area no
5	consignee_phone_number_1	Mandatory	Number Format	030055443
6	consignee_city_id	Mandatory	String	Karachi
7	consignee_type	Mandatory	Integer	Check Appendix K
7	consignee_name	Mandatory	String	Name
8	amount	Mandatory	Integer	5400
9	consignee_phone_number_2	Optional	Number Format	0300254978

RESULT

```
{
    "status": 0,
    "message": "Intercept/Re-Book request submitted against Tracking Number:
2022021723441"
}
```

21. CRM Request (Complaint)

METHOD -> <mark>POST</mark>

URL
https://sonic.pk/api/request/crm

HEADERS

Input	Description
Authorization	Authentication key which will be used for security purposes

BODY

Add these variables and their values as 'Body' in the API

S.no.	Variable	Condition	Format	Sample
1	case_nature_id	Mandatory	Integer	Check Appendix H
2	tracking_number	Mandatory	Integer	564674891
3	case_nature_type_id	Mandatory	Integer	Check Appendix I
4	description	Mandatory	String	Description

RESULT

```
{
    "status": 0,
    "message": "CRM Request has been added",
    "id": 533
}
```

22. CRM Request (Service Request)

METHOD -> <mark>POST</mark>

URL
https://sonic.pk/api/request/crm

HEADERS

Input	Description
Authorization	Authentication key which will be used for security purposes

BODY

Add these variables and their values as 'Body' in the API

S.no.	Variable	Condition	Format	Sample
1	case_nature_id	Mandatory	Integer	Appendix I
2	tracking_number	Mandatory	Integer	564674891
3	case_nature_type_id	Mandatory	Integer	Appendix J
4	description	Mandatory	String	Description

RESULT

```
{
    "status": 0,
    "message": "CRM Request has been added",
    "id": 533
}
```

23. CRM Request (Claim)

METHOD -> <mark>POST</mark>

URL
https://sonic.pk/api/request/crm

Input	Description
Authorization	Authentication key which will be used for security purposes

BODY

Add these variables and their values as 'Body' in the API

S.no.	Variable	Condition	Format	Sample
1	case_nature_id	Mandatory	Integer	Appendix H
2	tracking_number	Mandatory	Integer	5468779845
3	case_nature_type_id	Optional	Integer	Appendix I
4	description	Mandatory	String	description
5	product_picture	Should be image	Image	Image
6	invoice_picture	Should be image	Image	Image
7	product_cost	Mandatory	Integer	300
8	damage_product_price	Mandatory	Integer	Image
9	actual_product_picture	Should be image	Image	Image
10	product_packaging_picture	Should be image	Image	Image
11	damage_product_picture	Should be image	Image	Image
12	missing_product_picture	Should be image	Image	Image
13	missing_product_price	Mandatory	Integer	1256

RESULT

```
{
    "status": 0,
    "message": "CRM Request has been added",
    "id": 533
}
```

24. Shipment Status Webhooks

Follow the steps below...

Click on the toggle to get start and enter the URL of your website.

You will get the current status in response like
{
'tracking_number' => '2232231721462',
'status' => 'Shipment-Arrived at origin',
'date_time' => '2021-06-11', '17:29:36',
}

Important Points:

- System will attempt the request 5 times.
- Request time out is 3 seconds.
- After 5 attempts your subscription will be blocked and then again you must activate the subscription.
- Your URL should be active when you are activating the subscription.

25. Payment Status Webhooks

Follow the steps below...

Click on the toggle to get start and enter the URL of your website.

You will get the current status in response like
{

 'tracking_number' => '2232231721462',
     'status' => 'Payment-Processed'
     'date_time' => '2021-06-11', '17:29:36',
   'payment_id' => '123456'

}

Important Points:

- System will attempt the request 5 times.
- Request time out is 3 seconds.
- After 5 attempts your subscription will be blocked and then again you must activate the subscription.
- Your URL should be active when you are activating the subscription.

26. Initial Charges Webhooks

Follow the steps below...

Click on the toggle to get start and enter the URL of your website.

You will get the current status in response like

```
{
  'tracking_number' => '2232231721462',
  'origin' => 'Lahore',
  'destination' => 'Lahore',
  'cod_amount' => '1000',
  'actual_weight' => '1.0'
  'chargeable_weight' => '1.0'
  'weight_charges' => '120'
  'cash_handling_charges' => '0'
  'insurance_charges' => '0'
  'fuel_surcharges' => '12'
  'gst' => '15.86'
  'total_charges' => '137.86'
  'net_payable' => '862.14'
```

Important Points:

- System will attempt the request 5 times.
- Request time out is 3 seconds.
- After 5 attempts your subscription will be blocked and then again you must activate the subscription.
- Your URL should be active when you are activating the subscription.

27. Final Charges Webhooks

Follow the steps below...

Click on the toggle to get start and enter the URL of your website.

You will get the current status in response like

```
{
  'tracking_number' => '2232231721462',
  'origin' => 'Lahore',
  'destination' => 'Lahore',
  'cod_amount' => '1000'
  'actual_weight' => '1.0'
  'chargeable_weight' => '1.0'
  'weight_charges' => '120'
```

'cash_handling_charges' => '0'
'insurance_charges' => '0'
'fuel_surcharges' => '12'
'packaging_charges' => '0'
'return_charges' => '0'
'replacement_charges' => '0'
'try_buy_charges' => '0'
'intercept_charges' => '0'
'nsa_charges' => '0'
'gst' => '15.86'
'total_charges' => '137.86'
'net_payable' => '862.14'

Important Points:

- System will attempt the request 5 times.
- Request time out is 3 seconds.
- After 5 attempts your subscription will be blocked and then again you must activate the subscription.
- Your URL should be active when you are activating the subscription.

Appendix A- Service Type (service_type_id)

ID	Description
1	Regular
2	Replacement
3	Try & Buy

Appendix B – Item Product Type (item_product_type_id)

ID	Description
1	Apparel
2	Automotive Parts
3	Accessories
4	Personal Electronics (Mobile Phones, Laptops, etc.)
5	Electronics Accessories (Cases, Chargers, etc.)
6	Gadgets
7	Jewellery
8	Cosmetics
9	Stationery
10	Handicrafts
11	Home-made Items
12	Footwear
13	Watches
14	Leather Items
15	Organic and Health Products
16	Appliances and Consumer Electronics
17	Home Decor and Interior Items
18	Toys
19	Pet Supplies

20	Athletics and Fitness Items
21	Vouchers and Coupons
22	Marketplace
23	Documents and Letters
24	Other

Appendix C – Shipping Mode (shipping_mode_id)

ID	Description
1	Rush
2	Saver plus
3	Swift
4	Same day

Appendix D – Payment Mode (payment_mode_id)

ID	Description
1	COD
2	CCD
4	Prepaid

Appendix E – Status Type (type)

ID	Description
0	Shipper-related tracking (includes weight and payment statuses)
1	General Tracking (for consignees, excludes weight and payment statuses)

TRAX

Appendix F – Mode of collecting Shipping Charges (charges_mode_id)

ID	Description
3	Invoicing; *Note*: This mode is only acceptable for a Corporate Invoicing Account (the account type where the charges are being invoiced to the shipper and the shipper would pay the charges on that invoice
4	Reimbursement; <u>Note</u>: This mode is only acceptable for Reimbursement Account (the account type where the charges are being deducted during payment of COD amounts)

Appendix G – Delivery Type (delivery_type_id)

ID	Description
1	Doorstep
2	Hub to Hub

Appendix H – Case Nature(case_nature_id)

ID	Description
1	Complaint
2	Service Request
4	Claim

Appendix I – Case Nature Type (case_nature_type_id)

ID	Case Nature ID	Case Nature Type
1	1	Payments
2	1	Delay in Delivery
3	1	Delay in Pickup
4	1	Incorrect COD
5	1	Return
6	1	Courier Misbehavior
7	1	Wrong COD

TRAX

8	1	Booking Portal Issue
9	1	Other
10	1	Fake Reason
11	2	Address Change
12	2	COD Change
13	2	Alternate Contact Number
14	2	Urgent Delivery
15	1	Flyers
16	1	Product/Quality Issue
17	2	Intercept
18	1	Short Contents
19	1	Wrong Delivery/Misroute
20	2	Hold for Self-Collection
21	4	Shipment Damage
22	4	Content Short
23	4	Lost
24	4	Theft & Snatching
25	4	Tariff
26	4	Weight Disputes
27	1	Open Parcel
28	1	Open Parcel Complaint
29	4	Open Parcel Claim
30	1	Issue with Salesperson
31	1	Sales Lead
32	2	Allow to Open Shipment

Appendix J – Status Type (type)

ID	Description
1	Return Confirm
2	Re-Attempt Request
3	Intercept / Rebook

Appendix K – Consignee Type (consignee_type)

ID	Description
1	Same Consignee
2	Different Consignee