**Toll free Number SMS**

**Toll free Number EnableSMS :**

1. Create Endpoint that will be use in backend only not added in the Swagger.
2. **If(number\_type = Toll-free){New Functionality(tollFreeEnableSMS)}else{Old function EnableSMS}**

Endpoint : POST / tfFeatureOrder (credential will be same as toll-free request number API) .we will create a separate API only for ­­­­­­ use not for swagger. This API will run only when customer try to enable SMS on the Tollfree number.

1. Whenever customer will try to Enable SMS on Toll-free number(Signalmash purchased/ External(Imported by admin) / Imported) from it’s panel (customer/ subcustomer panel).
2. When customer perform action then charges will deduct according to the tariff.

Activation Message Pricing 🡪Toll-Free Number🡪 NRC

1. After getting response from API, we will set a flag to show a message on the frontend side in the manage number,that would be “sinch\_status🡪15”. Tooltip on the SMS enable is “Tollfree SMS now capable of processing OR Need to Apply for Review”
2. Create a new component of “Toll free SMS -> Verified Sender”.
3. There will be a Request Form (**File on redmine -> ZipWhip\_Verfied Sender Request updated (1).docx**)
4. Which contain the log of Verified Sender request made by & “Verified Sender” button through which customer fill form & submit. Customer can make multiple request & all request will display in the Log table. Every request have a unique “Request ID”. Log table component: Request ID, Customer name, Date, Status (Processing status),Action(View)

Verified Sender form mention the Doc with name “ZipWhip\_Verfied Sender Request updated (1).docx”.

NOTE: All field is required in the form

1. In this form list of all toll free number(of logged in customer) will display with multiple select option whose **sinch\_status = 15** (Toll free number on which Enable SMS API run).
2. After filling “Verified Sender” from & submit, change the sinch\_status = 16 to the all selected Tollfree number in the form.
3. When customer next time fill the “Verified Sender” form then the previously filled Company details will be auto filled & in the select number section--: previously submitted or “sinch\_status =16” Toll free number will not display in the list. Only display sinch\_status =15 Toll free number.
4. All information of customer save in the DB and customer can’t edit until admin reject its request. We will set a flag `processing\_status`=1 after submit form
5. Processing Status

* Pending Review by Signalmash🡪`processing\_status`=1
* Rejected by Signalmash🡪`processing\_status`=2
* Awaiting Downstream Processing🡪`processing\_status`=3
* Verified Sender Review Process Started (limited capacity available)🡪`processing\_status`=4
* Verified Sender Submission Rejected🡪`processing\_status`=5
* Verified Sender Submission Approved (full capacity available)🡪`processing\_status`=6

1. Create a component in the Admin side with the name “Toll-Free Number ->Toll free SMS Request”. Under this component there is multiple tab with name

* Pending Review by Signalmash
* Rejected by Signalmash
* Awaiting Downstream Processing
* Verified Sender Review Process Started (limited capacity available)
* Verified Sender Submission Rejected
* Verified Sender Submission Approved (full capacity available)

1. All component contain details of request with SAN, Request ID, Customer name, Date, Status, Action(View Details & View number)
2. When customer made request then it will display in the “Pending Review by Signalmash” section and the `processing\_status`=1. When click on the view details from the action then a pop will open the details filled by the customer in “Verified Sender” form with the list of Toll free number. At the bottom of this details there is a “Approved” & “Rejected” button.
3. If admin **Reject** the request then this details move to the “Rejected by Signalmash” section and the `processing\_status`=2. At this case customer can edit the details & Edit option get enable.
4. If Admin **Approved** the request then details will move to the “Awaiting Downstream Processing” section and the `processing\_status`=3

Provide a send mail button. When admin click on it then a mail send to the INTQ with the consolidate CSV file (Name->BulkTFVerification.csv) of Toll free number.

Note: This file need to create in the function of all request and send to the given mail

1. When mail send to the INTQ by Admin from the Awaiting Downstream Processing section then list display in the “Verified sender review process started” section. And need to change `processing\_status`= 4
2. After mail received to the admin by INTQ, Admin perform manually status change process on each customer Toll free number in the “Verified sender review process started” section. When admin click on the view number then a popup will open with list of number under that particular customer. By default status of all number is not approved, admin change the status from Not Approved to Approved & do final submit.
3. As submit Details of customer move to the “Verified Sender Submission Rejected” or “Verified Sender Submission Approved”.
4. If all Toll Free number rejected then it details display in the “Verified Sender Submission Rejected” section and `processing\_status`= 5
5. If all Toll free number is approved then its details display in the “Verified Sender Submission Approved” section and `processing\_status`= 6.
6. And there need to give a action button at every number to approve it
7. Then need to change status sinch\_status = 1 if any number approved

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1. If partially approved then details will display in the both section “Verified Sender Submission Rejected” or “Verified Sender Submission Approved”. In the details Reject Toll free number will display in the Rejected section & Approved Toll free will display in then Approved section
2. Tooltip on the Enable SMS icon at customer panel will change according to the `processing\_status`

**Toll free Number Send SMS**

1 . at the /sms endpoint need to check number type. If the number type is Toll-Free then

2. Need to create function and call it in Toll-Free section and in this function need to use this Endpoint : POST /publishMessages (credential will be same as toll-free request number API) to send sms