User Manual

(For LSA & AS-III)

Ver.2.1

Numbering Resource Management System

Online platform to apply for various codes.

Department of Telecommunications

Government of India

6th September, 2023

[Type text] Page 1

LSA

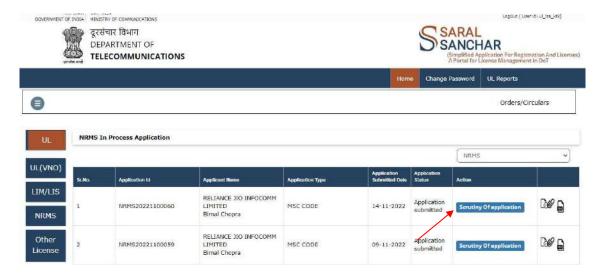
 $LSA\ will\ log\ in\ with\ UL\ credentials\ of\ sarals anchar\ portal.\ Eg.\ Username-ul_lsa_ktk.$





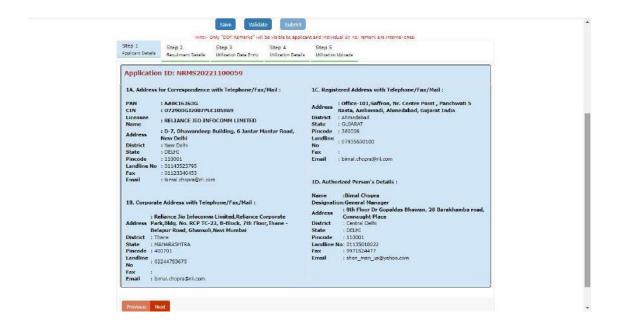
After clicking list of applications pending with LSA for verifications of code allotment will appear.

Click on "Scrutiny of application" button against the application Id.

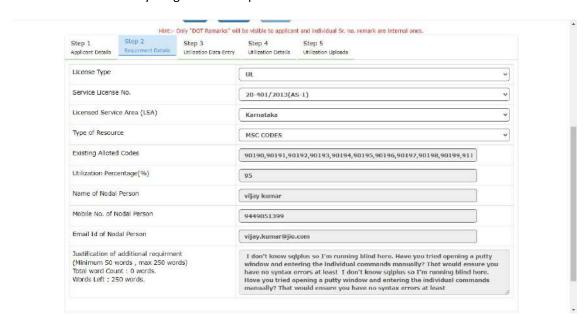


After click the application form will open as below

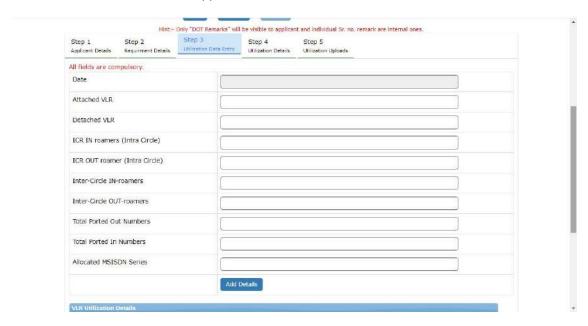
Step-I shows applicant details.



Step-II shows requirement details submitted by applicant. Step-I and step-II are read-only tab and LSA don't have to do anything in these steps.



Step-3 is utilization data entry step. Here depending upon the type of code required by applicant the form to fill utilization details will appear. The form for MSC code and M2M code is as follows.

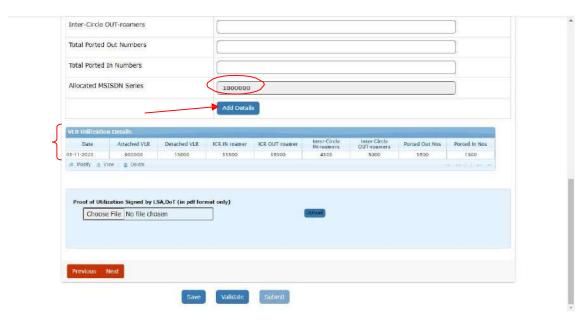


In case of M2M code, port In and port out fields will not be there.

Select the date and enter all fields as all fields are mandatory. In last field "Allocated MSISDN Series" enter total numbers allotted eg. 15,00,000 etc.

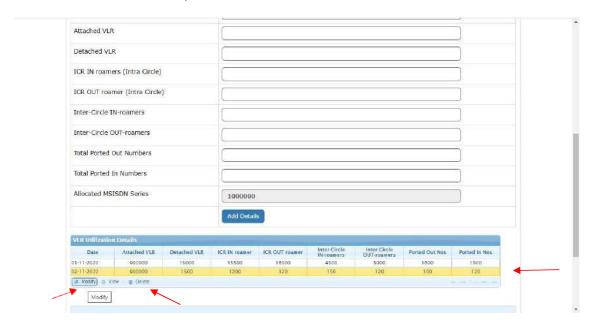
[Type text] Page 4

Click "Add Details" button. The details get inserted in database and shown in table on same page.

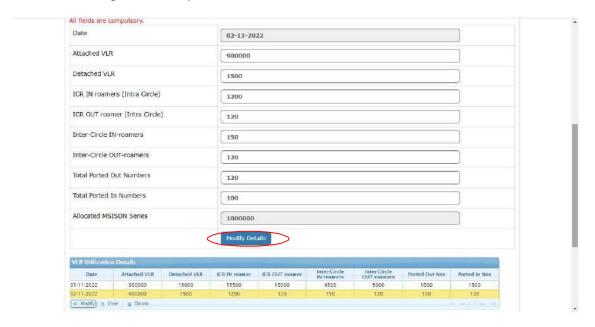


Like wise enter details for 7 consecutive days. Allocated MSISDN series once entered can not be change and will be same for all 7 days.

Entered data can be modified or deleted using buttons in left down corner of table. Select the row to be modified and click modify button. A shown below



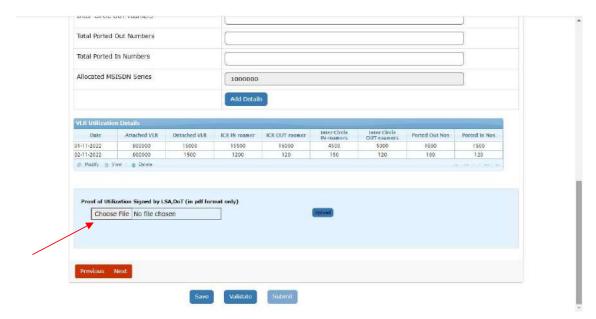
After pressing "modify" button the details will get populated in above fields as show below and button label changes to "modify details".



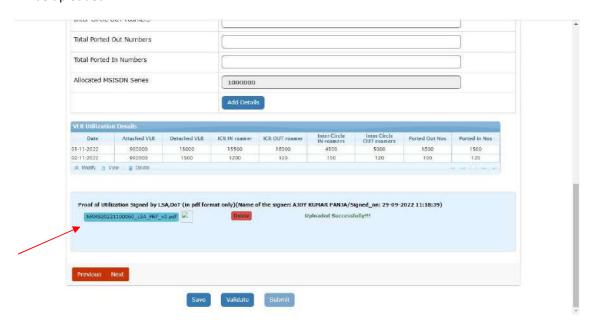
Change the fields as desired and press "modify Details" button. The changes get implemented and again shown in table.

Like this LSA will enter data for 7 days in case of MSC code & M2M code.

Now, if available LSA can upload the proof of utilization in file upload provision given below



Select the digitally signed file from computer and press "upload" button. Only digitally signed pdf file will be uploaded.

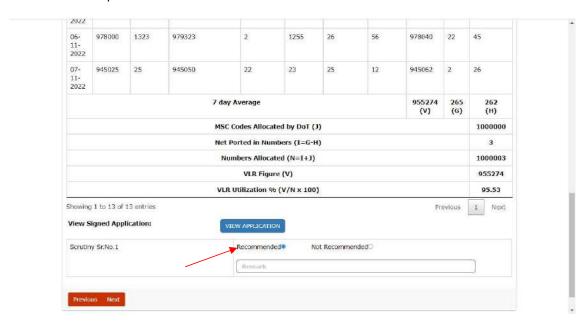


Now, once all 7 days data filled. Go to step-IV. Step-IV shows the filled data in desired format.

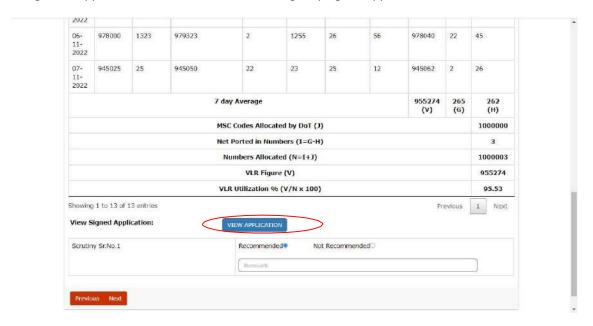
Details will be displayed only when all 7 day data is filled.



Now depending upon total number s allotted and utilization % shown LSA has to decide to whether "recommend" or "not recommend" for code allotment. Depending on his decision he has to click the radio button and press "save" tab.



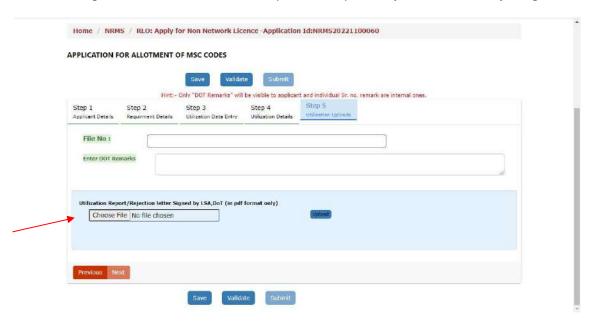
Using "view application" button LSA can see the digitally signed application .



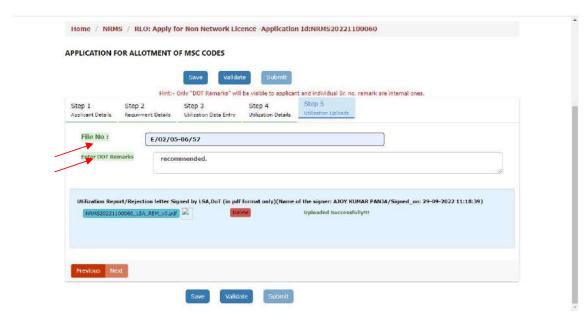
Using "PDF" or "EXCEL" button LSA will download this utilization report .



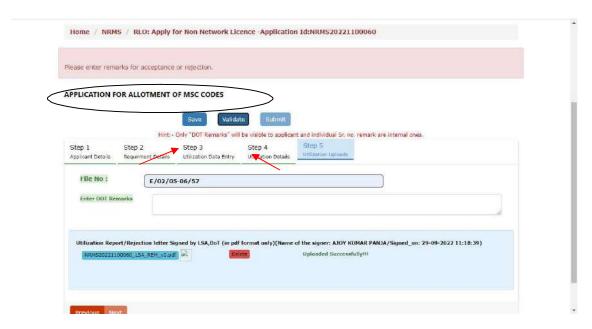
In step-V, LSA will digitally sign the downloaded utilization report and upload. If LSA is "not recommending" the case then also LSA has to upload the report and justifications for rejecting.



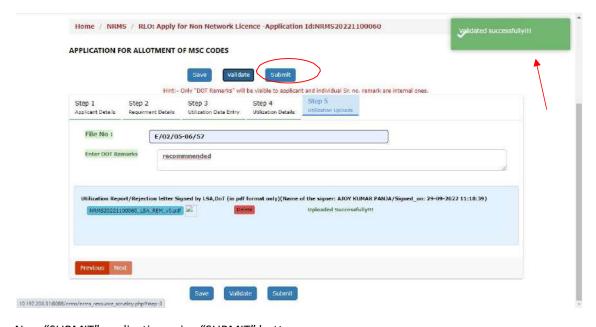
Here, LSA will enter the file no. In which the case is processed and enter LSAs remarks about the particular case .



Press "SAVE" button and "VALIDATE" button. If all actions needed are done then only validation will be successful and "SUBMIT" button get enabled. If any important field is blank or file not uploaded then "validate" button will show error as below:

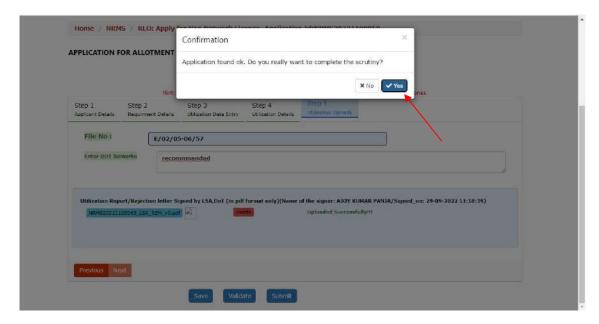


Fill all necessary details and upload required documents. Then "VALIDATE" the application, once application is validated successfully the same is popped up and "SUBMIT" button get enabled.



Now "SUBMIT" application using "SUBMIT" button.

The application get submitted after confirmation



The application get forwarded to DOT HQ for further allotment if "recommended" or will be routed to Applicant if "not recommended". In both cases sms and email intimation is sent by system to application recipients.

DOT HQ

DoT HQ i.e. nodal of AS-III wing will log in in saralsanchar with his credentials like 'nodal_as3'.

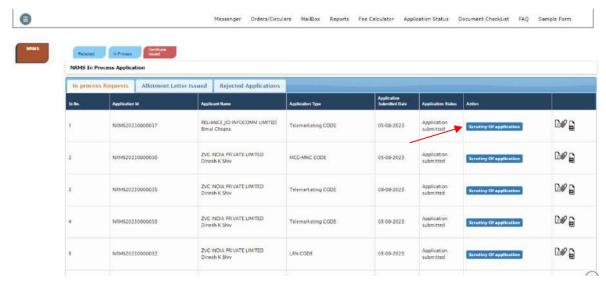


Nodal AS-III will directly land in NRMS module and list of all pending applications will be displayed. In case of MSC code, M2M code & Fixed Line code, the application directly come for allotment of code.

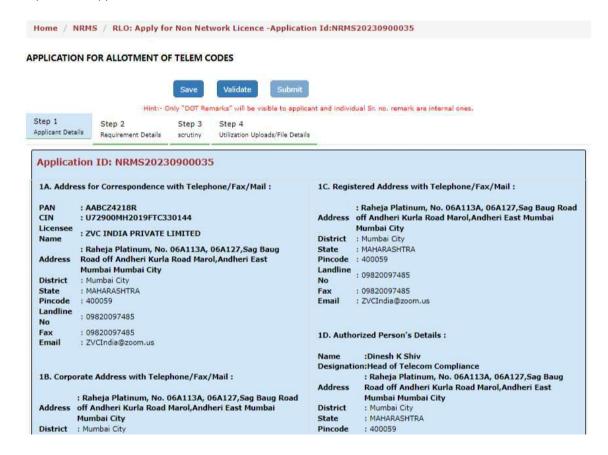
In case of LRN code, MCC-MNC code, Telemarketing code & SCP code the application come for "scrutiny". After scrutiny the application come for code allotment.

For LRN, MCC-MNC, Telemarketing, SCP codes:-

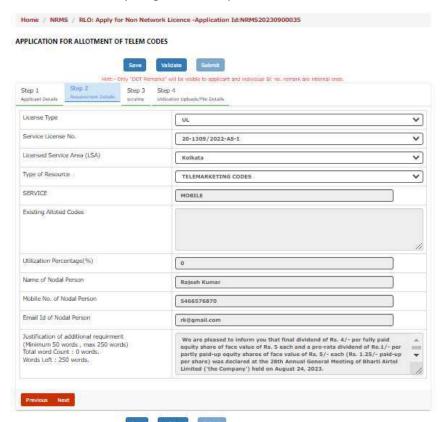
Click on "Scrutiny of Application" button.



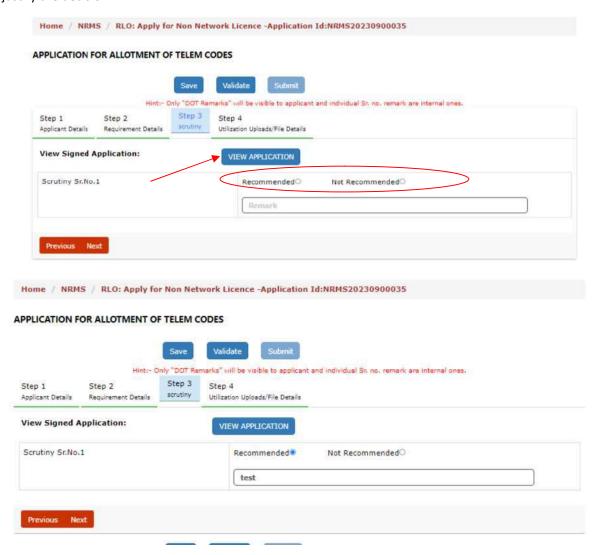
After "scrutiny of application" button the form will be displayed as below: Step-I shows applicant details.



Step-II shows requirement details submitted by applicant. Step-I and step-II are read-only tab and DoT Nodal don't have to do anything in these steps.



Step-III is a scrutiny stage, here DoT Nodal can view the application submitted by licensee and depending upon the application, nodal will take a decision of "recommended" or "not recommended" by clicking the corresponding radio button. Nodal can also put remark here to justify the decision.



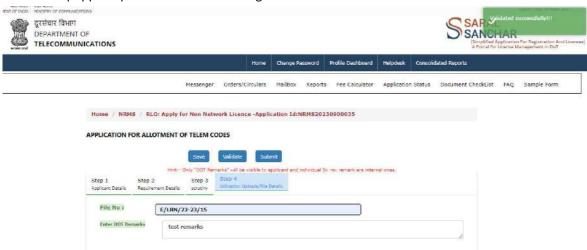
Step-IV is file details step. Here, Nodal will enter the file no. In which the case is processed and enter nodal remarks about the particular case .



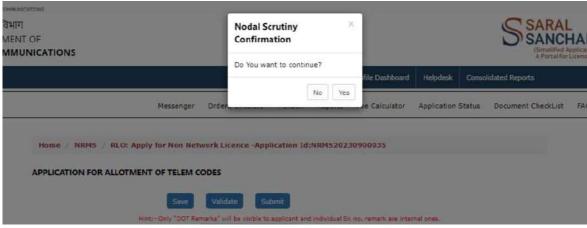
Press "SAVE" button and "VALIDATE" button. If all actions needed are done then only validation will be successful and "SUBMIT" button get enabled. If any important field is blank then "validate" button will show error as below:

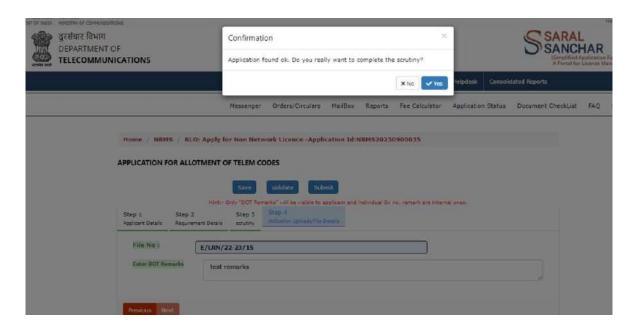
ase enter E Fi	le No. arks for acceptance (or rejection.	
PLICATION F	OR ALLOTMENT O	F TELEM C	CODES
		Save	Validate Submit
	Hint:- C		emarks" will be visible to applicant and individual Sr. no. remark are internal ones.
Step 1	Step 2 Requirement Details	Step 3	Step 4 Utilization Uploads/File Details
78,000,000,000,000			
File No:			
	marks		

Fill all necessary details and then "VALIDATE" the application, onceapplication is validated successfully the same is popped up and "SUBMIT" button get enabled.



Now "SUBMIT" application using "SUBMIT" button. The application get submitted after confirmation.

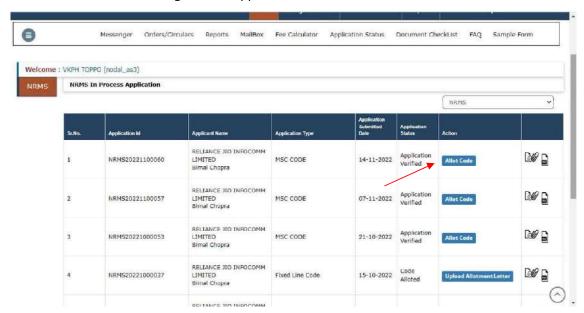




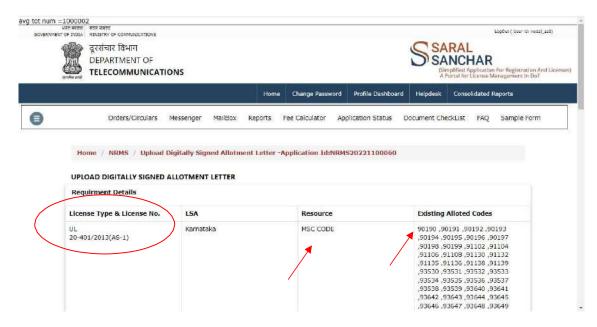
The application get forwarded to DOT Nodal again for further allotment if "recommended" or will be routed to Applicant if "not recommended". In both cases sms and email intimation is sent by system to application recipients.

The dashboard page appear again.

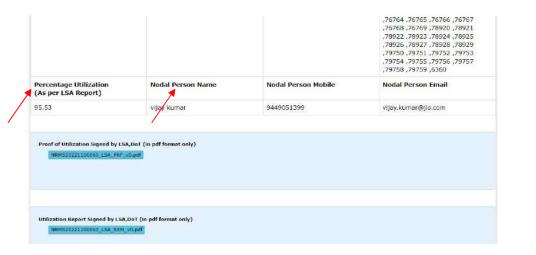
Click on "allot code" button against the application .



After "allot code" button the form will be displayed as below:

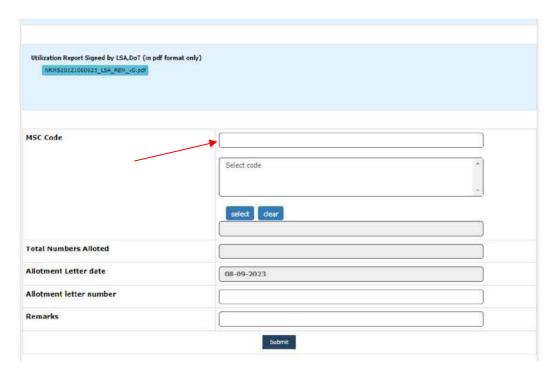


The form shows type of license, license no., type of code applied by applicant, already allotted codes ,percentage of utilization (in case of MSC,M2M,fixed line & Telemarketing), technology (in case of LRN & MCC-MNC),service (in case of Telemarketing) and nodal person details.

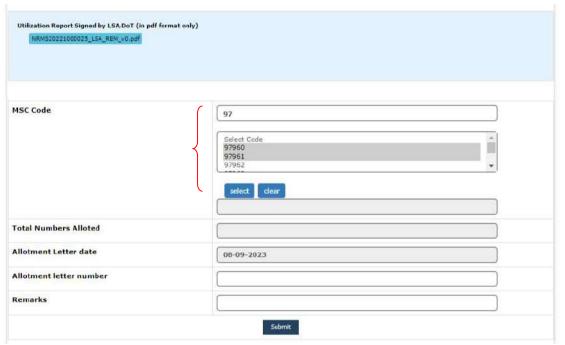


The options to download the utilization report and proof of uitlization signed by LSA is also available by clicking on the file name.

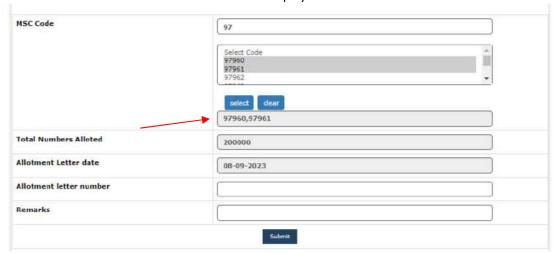




Now, to allot code, nodal has to enter the first 2-3 digits of code to be allotted in MSC code field and list of all spare codes having those digits will be displayed. He can select multiple codes at the time using "control" button of keyboard



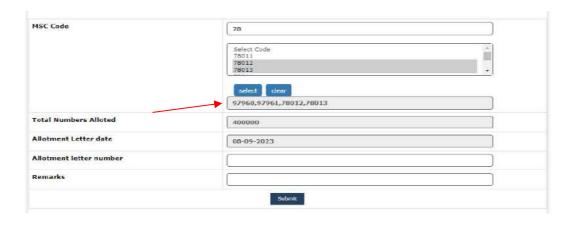
Press "select" button. All selected codes will be displayed in text box.



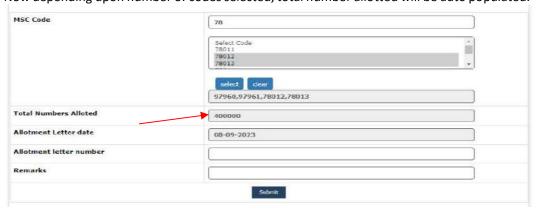
If he wants to allot some more codes from other series then enter first 2-3 digits of that series ,select codes using "control" button of keyboard.

Utilization Report Signed by LSA,DOT (in pdf f	rmat only)
4SC Code	78
_	Select Code 78011 78012 78013
	97960,97961
Total Numbers Alloted	200000
Allotment Letter date	08-09-2023
Allotment letter number	
temarks	

Press "select" button. All selected codes along with previously selected codes will be displayed in text box.



Now depending upon number of codes selected, total number allotted will be auto populated.



Today date will be selected as allotment date. This date can be changed using calendar



Allotment letter number should be entered and remark if any should be entered in respective fields.

MSC Code	78
	Select Code 78011 78012
	78013 ·
	select dear
	97960,97961,78012,78013
otal Numbers Alloted	400000
llotment Letter date	08-09-2023
llotment letter number	ALLOT/msc/01
emarks	453434

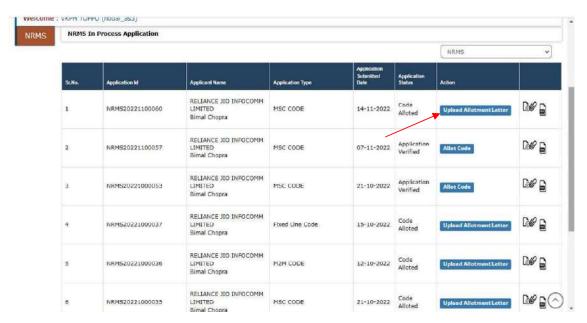
Once all fields are entered, press "SUBMIT" button.

MSC Code	78	
	Select Code 78011 78012	*
	78013	•
	select dear	
	97960,97961,78012,78013	
Total Numbers Alloted	400000	
Allotment Letter date	08-09-2023	
Allotment letter number	ALLOT/msc/01	
Remarks	453434	

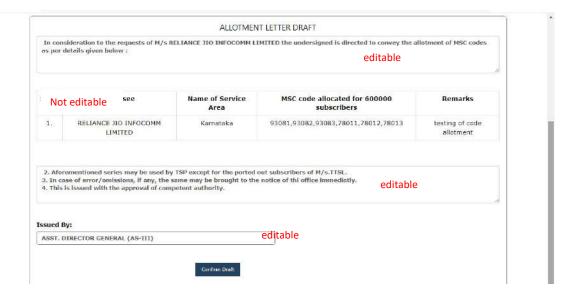
 $After \ giving \ confirmation\ , \ code\ allot ment\ process\ completed\ and\ flow\ is\ routed\ to\ dashboard.$



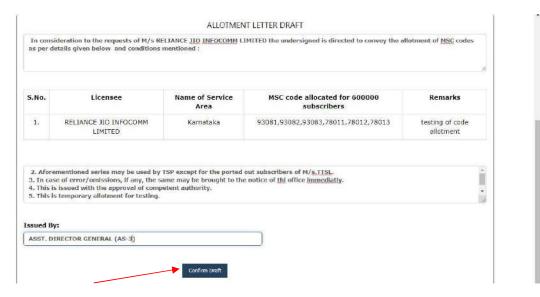
Now in the dashboard application is pending for "upload allotment letter". Press "upload allotment letter" button against the application id.



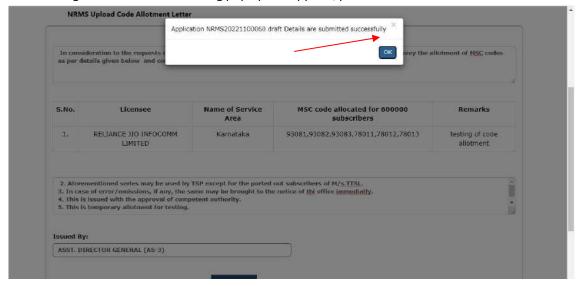
Allotment letter draft will appear as shown above. This draft is editable except table. If required edit the draft in first textbox, second textbox and "issued by" textbox.

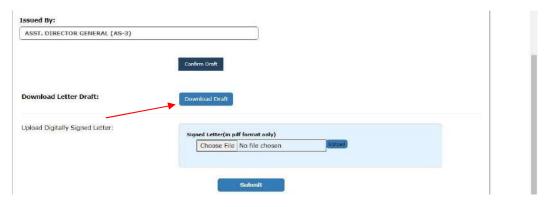


Once editing is complete press "confirm draft" button.



After clicking "confirm Draft" following pop up will appear, press the "OK" button.





Now using "download draft" button download the draft in pdf format , the letter will be as below



Government of India Ministry of Communications Department of Telecommunications Access Services Wing 20, Ashok Road, New Delhi -110001

MSC CODE ALLOTMENT

No. AS3/MSC/01/chg/02 Application ID- NRMS20221100060

Dated: 15-11-2022

To, M/s. RELIANCE JIO INFOCOMM LIMITED D-7, Dhawandeep Building, 6 Jantar Mantar Road, New Delhi New Delhi,DELHI-110001

Subject: Allocation of MSC Codes for mobile services to M/s RELIANCE JIO INFOCOMM LIMITED.

In consideration to the requests of M/s RELIANCE JIO INFOCOMM LIMITED the undersigned is directed to convey the allotment of MSC codes as per details given below and conditions mentioned:

S.No.	Licensee	Name of Service Area	MSC code allocated for 600000 subscribers	Remarks
t.	RELIANCE JIO INFOCOMM LIMITED	Kamataka	93081,93082,93083,78 011,78012,78013	testing of code

- 2. Aforementioned series may be used by TSP except for the ported out subscribers of M/s.TTSL.
- 3. In case of error/omissions, if any, the same may be brought to the notice of thi office immediatly.
- 4. This is issued with the approval of competent authority.
- 5. This is temporary allotment for testing.

ASST. DIRECTOR GENERAL (AS-3)

Copy for kind information and necessary action, if any, to :

- Secretary—TRAI.
- 2. CMD MTNL/ CMD BSNL.
- 3. DG COAL

Generated On :15-11-2022, 16:0

[Type text] Page 20

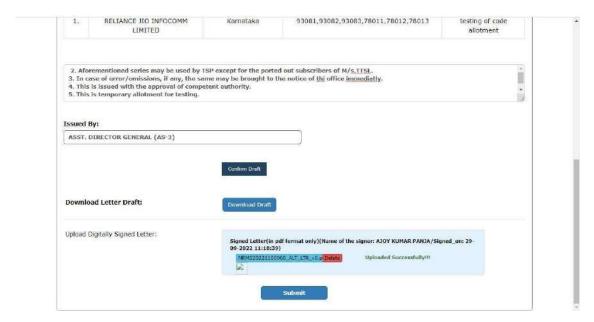
1/2

Digitally sign the application. Either you sign the letter digitally outside the saralsanchar and then upload using "upload" radio button or you can sign the application here itself using "digitally Sign & upload" option.

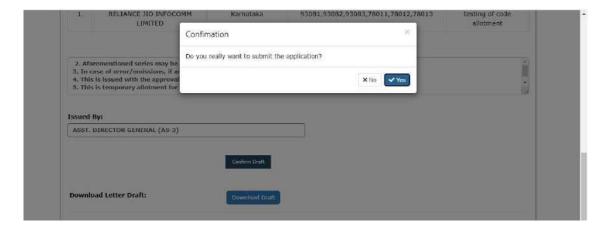
System will accept onlyvalid digitally signed pdf file.



Press "submit" button after uploading the file.



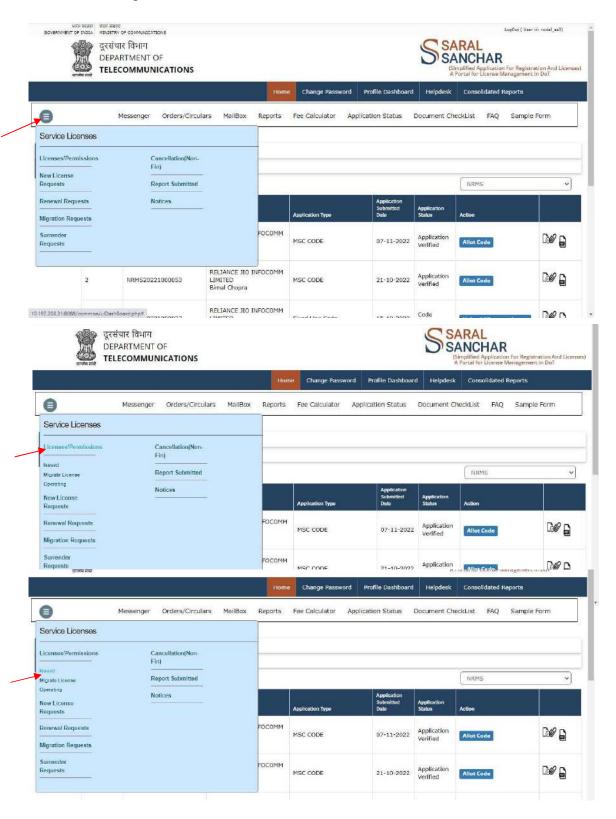
Confim the submittion.

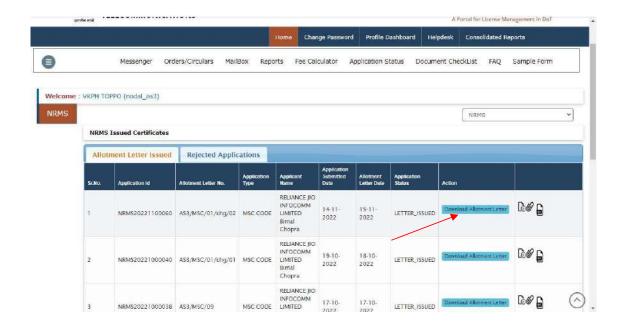


The allotment process get completed.

The intimation goes to licensee & LSA by email and sms. Alloted letters can be viewed by Licensee LSA & DoT HQ in theor dashboard under "allotment letter issued" tab.

Now DOT user can get list of all such allotted cases as below





Government of India Ministry of Communications Department of Telecommunications Access Services Wing 20, Ashoka Road New Delhi-110001

No. 16-03/2015-AS-III(Part-III)/MSC Codes/27/806

Dated: 08/11/2017

To,

All Access Service Providers,

Corrigendum

Subjecr: Change of VLR criterion for allocation of MSC code numbering series on the basis of VLR-regarding.

In partial modification to DoT letter 16-03/2015-AS-III(Part-III)/MSC Codes/19/748 dated 11.08.2017, the undersigned is directed by competent authority to amend the VLR criterion to the earlier VLR criterion issued vide DoT letter No. 16-16/2009-AS-III/78 dated 27.09.2012 which is reproduced as follows:

S. No.	Numbers Allocated (N)	VLR Figure (V) as %age of Number
1	Less than 3 million	Allocated (V/N)
2		Subject to minimum of 40%
0.00	3 Million to less than 6 Million	Subject to minimum of 45%
3	6 Million to less than 8 Million	Subject to minimum of 50%
4	8 Million	
5	9 Million	Subject to minimum of 55%
6		Subject to minimum of 60%
	10 Million to less than 15 Million	Subject to minimum of 63%
7	15 Million to less than 20 Million	Subject to minimum of 66%
8	20 Million to less than 25 Million	
9	25 Million and above	Subject to minimum of 68%
		Subject to minimum of 70%
	per allocated	
V=VLR	figure	

2. Rest of the instructions contained in the letter dated 11.08.2017 as mentioned above will remain unchanged

3. It shall be applicable from immediate effect.

(Sanchit Kumar Garg) ADG (AS-III) Ph No. 23036444

Copy for kind information and necessary action, if any, to:

- 1. Secretary-TRAI, Mahanagar Doorsanchar Bhawan Jawaharlal Nehru Marg (Old Minto Road),
- 2. Sr. DDG, TEC, Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi-110001.
- 3. Sr. DDG (TERM) with a requestto send the certified copies to all TERM Cells.
- 4. CMD MTNL/CMD BSNL
- 5. DG, COAI/SG, AUSPI
- 6. Director (TERM-I)/ Director (Security-II), DoT HQ, New Delhi.

Ministry of Communications Department of Telecommunications Access Services Wing 20, Ashoka Road, New Delhi-110001

No.16-03/2015-AS-III(Part-III)/MSC Codes/19/748

Dated:11-08-2017

To,

All Accesss Service Providers.

Subject: Change of VLR criterion for allocation of MSC code numbering series on the basis of VLR-regarding.

In supersession to DoT letter dated 16-16/2009-AS-III/38 dated 26.07.2011. No. 16-16/2009-AS-III/78 dated 27.09.2012 and dated 03.08.2015 in which VLR criterion was defined for allocation of MSC Codes to Telecom Service Providers along with instructions. The undersigned has been directed to issue following revised consolidated instructions with immediate effect:

- (I) The new MSC codes will be issued on the basis of VLR figure.
- (II) The total VLR figure (to be enclosed with requisition for new MSC codes) should be certified by concerned TERM Cell(s).
- (III) The Access Service Provider(s) will first approach the respective LSA TERM Cell for certification of VLR figures and then submit their requisition for MSC codes to DoT HQ enclosing therewith the TERM Cells certified figures.
- (IV) The VLR database purging period should be fixed at 72 hours maximum.
- (V) The criteria for allocation of new MSC Codes is as below:
 - (a) Both attached and detached VLR figures are to be taken into account (added) to calculate the total VLR figure.
 - (b) In case of intra-circle roaming agreements, intra-circle in-roamers should be deducted whereas the intra-circle out-roamers shall be added to arrive at net VLR figures.
 - (c) Inter-circle in-roamers (of any opearator) will be deducted and inter-circle out- roamers will be added.
 - (d) The VLR figures may be taken as average of 7 days VLR count.
 - (e) Inclusion of Port-In number and exclusion of Port-Out number from the total MSC code series alloted till date to respective TSP.

(f) MSC codes will be issued if the VLR figure reached the count (taking para (a) to (e) into account as below:

S. No.	Numbers Allocated (N)	VLR Figure (V) as %age of Number Allocated (V/N)
1	Less than 3 million	Subject to minimum of 45%
2	3 Million to less than 6 Million	Subject to minimum of 50%
3	6 Million to less than 9 Million	Subject to minimum of 60%
4	9 Million to less than 15 Million	Subject to minimum of 65%
5	15 Million to less than 25 Million	Subject to minimum of 70%
6	25 Million and above	Subject to minimum of 75%
N=Num	ber allocated	
V=VLR	figure	

(Sanchit Kumar Garg) ADG (AS-III)

Ph No. 23036444

Copy for kind information and necessary action, if any, to:

- Secretary-TRAI, Mahanagar Doorsanchar Bhawan Jawaharlal Nehru Marg (Old Minto Road), New Delhi-110002
 - 2. Sr. DDG, TEC, Gate No. 5, Khurshid lal Bhawan, Janpath, New Delhi-110001
 - 3. Sr. DDG (TERM) with a request to send to send the certified copies to all TERM Cells.
 - 4. CMD MTNL/CMD BSNL
 - 5. COAI/AUSPI
 - 6. Director (TERM)/ Director (Security-II), DoT HQ, New Delhi

Government of India Ministry of Communications Department of Telecommunications Access Services Wing 20, Ashoka Road, New Delhi-110001

No. 16-03/2018-AS-III/MSC/

Dated: 08-08-2022

Office Memorandum

Subject: Criterion for allotment of Wire-line numbering resources.

1. Background:

- a. At present, wire-line numbering resources are allotted as per DoT letter No. 16-3/2018-ASJII/MSC/345/1591 dated 23.10.2020. As per extant criterion, additional wire-line numbering resources are allotted to Access Service Licensee on utilization, by way of activation of subscribers, of 80% of already allotted wire-line numbering resources.
- b. Access Service Licensees have informed the Department that the wire-line numbering resources allotted to them exhaust quickly especially in smaller towns having 3-4 digits SDCA (Short Distance Charging Area) codes. Therefore, they are facing difficulties in activation of new subscribers due to existing numbering allotment criterion.
- 2. Now, to promote the proliferation of wire-line services, it has been decided to amend the extant criterion of 80% utilization. Accordingly, additional wire-line numbering resources shall now onwards be allotted based on following utilization criterion:

Sr. No	Wire-line Numbering resources allotted	Minimum subscriber activation required for seeking additional wire-line numbering resources
1.	10,000 to less than 50,000	50%
2.	50,000 to less than 1,00,000	55%
3.	1,00,000 to less than 5,00,000	60%
4.	5,00,000 to less than 10,00,000	70%
5.	10,00,000 and above	80%

 Access Services Wing is in the process to initiate the allotment of numbering resources through Saral Sanchar Portal which will further streamline the procedure of '3054585/2022

allotment of additional numbering resources. In the mean-time, the extant procedure for allotment of additional numbering resources shall continue.

This issues with the approval of the competent authority.

(Sanchit Kr. Garg) Assistant Director General (AS-III)

Date: 08-08-2022 16:45:5 Reason: Approved

Government of India Ministry of Communications Department of Telecommunications Access Services Wing 20, Ashoka Road New Delhi-110001

No. 16-03/2018-AS-III/MSC/345/1591

Dated: 23/10/2020

To,

All Access Service Providers,

Subject: Criterion for allocation of Wireline Access Service Codes.

This is in modification to present criterion of allocation of Wireline Access Service Codes to Access Service Providers. In this regard, the undersigned is directed to issue following instructions:

- New Wireline Service Service Code shall be allocated on the basis of utilization of numbers allocated till date.
- II. The data in the following format shall be certified by concerned LSA unit:

S No.	SDCA	Wireline level allocated (L)	Wireline Numbers Allocated (M)	Date of Allocation	Numbers utilized (N)	% utilized= N/M

- III. The access service provider will first approach the respective LSA unit for certification of above data and then submit their requisition for Wireline codes to Access Services cell of DoT enclosing therewith the LSA units certified figures.
- iv. The additional codes will be allocated on utilization of 80% of numbers actually by the way of activation of subscribers.

This is issued with the approval of competent authority

Sanchit Kumar Garg

ADQ (AS-III)

Digitally signed by SANCHIT KUMAR GARG Date:Fri Oct 23 12:07:13 IST 2020

Reason: Approved

Government of India Ministry of Communications Department of Telecommunications (Access Services Wing) 20, Ashoka Raoad New Delhi-01

No. 16-07/2017-AS-III/M2M/Part-I/124/143

Dated: 22/06/2022

To,

All Access Service Providers,

Subject: Criterion for allocation of additional 13 digit M2M numbering resources after the allocation of initial 5 million numbering resources.

This is in reference to the DoT letters dated 01.07.2016 and 09.12.2016 vide which it was approved to utilize 13-digit numbering series for SIM based M2M devices co-existing with 10-digit mobile numbering scheme. On the basis of the above letters, DoT issued 5 million 13-digit M2M numbering series per LSA to Telecom Service Providers vide letters dated 04.04.2018 and 29.08.2018 for commercial purpose.

- 2. The criterion for further allocation of 13-digit M2M numbering series to M2M service providers as follows:
 - i. VLR criterion based mobile numbering series allocation is adopted for allocation of 13-digit M2M numbering resources as SIM would be used in similar way as mobile connections except for the addition of port in numbers and deletion of Port-out numbers as MNP is not allowed in M2M numbers.
 - ii. The Access Service Provider(s) shall first approach the respective LSA field units for certification of VLR figures and then submit their requisition from LSA field units to DoT HQ enclosing therewith the LSA fields certified figures.
 - iii. The allocation of M2M numbers will be in trench of 5 million at a time as compared to 1 million of mobile numbers allocation at a time presently.
 - iv. 13-digit M2M numbering resources will be issued if the VLR figure reached the count (taking para (i) to (iii) into account) as below:

S No.	Numbers Allocated (N)	VLR Figure (V) as %age of Number Allocated (V/N)
1.	Less than 5 million	Subject to minimum of 40%
2.	5 Million to less than 20 Million	Subject to minimum of 45%

Sugary

3.	20 Million to less than 50 million	Subject to minimum of 50%
4.	50 Million to less than 100 million	Subject to minimum of 55%
5.	100 Million to less than 150 million	Subject to minimum of 60%
6.	150 Million to less than 200 million	Subject to minimum of 65%
7.	200 Million and above	Subject to minimum of 70%

3. This is issued with the approval of comptent authority.

(Sanchit Kumar Garg) Assistant Director General (AS-III) Email id: sanchitk.garg@gov.in

Copy forwarded for information and necessary action to:

- 1. Secretary, TRAI.
- 2. DG, COAI.
- 3. CMD BSNL/ CMD MTNL.
- 4. Director (P&N), DoT, HQ with request to circulate the sanction to related LSA Cell.
- 5. A copy for upload on DoT Website.