ABOUT WPC

The WIRELESS PLANNING & COORDINATION (WPC) Wing of the Ministry of Communications, created in 1952, is the National Radio Regulatory Authority responsible for Frequency Spectrum Management, including licensing and caters for the needs of all wireless users (Government and Private) in the country. It exercises the statutory functions of the Central Government and issues licenses to establish, maintain and operate wireless stations. WPC is divided into major sections like Licensing and Regulation (LR), New Technology Group (NTG) and Standing Advisory Committee on Radio Frequency Allocation (SACFA). SACFA makes the recommendations on major frequency allocation issues, formulation of the frequency allocation plan, making recommendations on the various issues related to International Telecom Union (ITU), to sort out problems referred to the committee by various wireless users, Siting clearance of all wireless installations in the country etc.

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What are the different types of licenses issued by WPC?

Network License to operate:

1) Beacon
2) CORDECT/CDMA
3) Captive Radio paging
4) Wide Area Radio Paging
5) Captive Radio Trunking
6) Public Mobile Radio Trunking Service(PMRTS)
7) Captive VSAT
8) Commercial VSAT
9) GSM
10) Earth station for foreign mission
11) Experimental
12) FM Community Broadcast
13) FM Broadcast
14) SW Broadcast
15) Terrestrial Broadcast
16) Fixed/Mobile-HF/VHF/UHF-Land Based
17) Fixed/Mobile-HF/VHF/UHF-Land Based(additional category)
18) HF/VHF for Foreign Mission

19) MW Broadcast
20) MW link for Foreign Mission
21) MW link for Cellular(GSM)
22) MW link for WLL(CDMA)
23) MW link for Point to Point Communication
24) MW link for Point to Multipoint(for ISP,ILD,NLD)
25) MW link for wide area Radio Paging
26) Radar
27) Remote Controller
28) SCADA
29) Satellite Broadcast
30) Satellite Network-Gateway for ISP,ILD,NLD
31) Satellite Network-Receive only Earth Station
32) Satellite News Gathering
33) Shot Range UHF Hand Held Radio (USR)
34) Spread Spectrum
35) TV Receive Only Dish Antenna(TVRO) for Foreign Mission

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Non-Network License to operate:

1) Aero mobile Station
2) Dealer Possession License(DPL)
3) Non-Dealer Possession License(NDPL)
4) Demonstration
5) Import
6) Maritime Mobile Station
7) Operator's License For GMDSS
8) Operator's License For COP
9) Operator's License For Amateurs

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How Network License is different from Non-Network License?

The division is based on the procedure adopted for licensing. Frequency allocation and Creation of Station are two important procedures in creating Network License. For Non-network license, Earmarked frequencies (pre-allocated frequencies) are available as per International and National Norms to be chosen from whereas in certain cases of Non-Network licenses,frequencies are not required to be assigned at all.

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Do all wireless products require a license to operate?

With the exception of a few low power devices that operate in the **license-free band**, Broadcasting Reciver, TVRO System rest of all equipments requires a license to operate.

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What are the license- free bands? What are the wireless products that are exempted from licensing for possession and use?

Please check the following Links.

1) Indoor use of low power wireless equipments in the frequency band 2.4GHz to 2.4835GHz.
2) Use of low power wireless equipments in the frequency band 2.4GHz to 2.4835GHz
3) Indoor use of low power wireless equipments in the frequency band 5GHz
4) Indoor use of low power wireless equipments in the frequency band 5GHz-Amndment
5) Outdoor use of wireless equipments in the frequency band 5.825-5.875GHz
6) Use of low power wireless equipments in the frequency band 865-867MHz for RFID
7) Use of low power wireless equipments in the frequency band 865-867MHz for RFID-Amendment
8) Use of low power wireless equipment in the 335MHz band for remote control of Cranes
9) Use of low power wireless equipment in the 335MHz band for remote control of Cranes-Amendment
10) Use of low power wireless equipments in the Citizen Band 26.957-27.383MHz
11) Use of low power wireless equipments in the Citizen Band 26.957-27.383MHz-Amendment

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If a particular product is exempted from license, still I need to notify WPC about it before use? Can I import the same without need of any license?

If the product is not Type Approved, then it is required to inform WPC and obtain Type Approval from WPC. Import License is required from WPC to import any equipment, other than Broadcasting Receiver and TVRO System.

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What is the procedure to obtain a license from WPC?

1) File the license application on-line in **www.wpc.dot.gov.in** in the appropriate category without skipping any steps
2) After filling on-line, Read the Checklist Provided.
3) After filling on-line, take a print out of the application ID.
4) Submit a hard copy of the relevant application form along with a copy of the print out of application ID to WPC office / RLO as the case may be.
5) Follow the subsequent instruction from WPC. Keep a watch on the status of the license application on the Web site.

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I am unable to complete the step 1 above?

Please create a user profile with an ID for filing the application. Log in the Web site use this ID and follow the instructions. Use the Help Demo given for filing the application.

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If I make a mistake while filling on-line application, how can I rectify the mistake?

Log-in to your own profile created in the website. Click the '**modify license application**' link. Do the necessary correction and log-out. This modification is allowed only till 5PM on the day the application was submitted after which the data transfer would take place from the Web server to WPC application server.

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Is the above procedure is uniform for all types of license?

Yes the procedure is same for types of license except for Satellite based licenses. For various satellite licenses, On-line filing is not mandatory. The Hard copy of the relevant application can be submitted at WPC without application ID.

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While filing my application on-line, I found the equipment library do not have the equipments that I intent to use. How can I update the equipment library?

The Wireless equipment that you want to procure is not listed in the Equipment library. The technical specification of the equipment has to be provided to the concerned RLO in Soft and hard copies to update the equipment library .After submission of these particulars, the equipment library will get updated next day. Please follow the instructions given in Help Demo section.

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While filing my application for Network license On-Line, I have skipped the creation of station, creation of site section etc. Whether it will be accepted by WPC?

No; if the mandatory information (shown in red color) is not filled in, your application will be rejected. You are advised to fill in all mandatory and non-mandatory information to the maximum extent and precisely. Please follow the instructions given in Help Demo section.

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Where I can find the performs for filling the Hard copy of my application?

Please check the link.

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While filling the On-line application I am unable to select the appropriate network that suits my requirement?

First select the appropriate service depending on the application and then select the network for that service. It is also advisable to select the desired channels in the ‘Desired Frequency’ section

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How can I import a wireless product?

An import license from WPC is required to import any wireless equipment. The procedure is same as explained in question 6 above.

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Is the license procedures same for individual wireless users and Companies?

Yes.

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How can I find the status of my application On-Line?

Log-in at the WPC web site. Then click the application ID in your domain.

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Do the regional offices issue all categories of License?

No. These offices issue the following categories of License only.

1) Captive Radio Paging License.
2) Import License.
3) Maritime Mobile Station License
4) Aeronautical Mobile Station License.
5) Remote Control of Models.
6) Experimental License.
7) Demonstration License.
8) Short Range UHF Radio(Hand Held) license
9) Certificate of Proficiency for Aero mobile Services-RTR(A)

10) Certificate of Proficiency for Global Maritime and Safety Services(GMDSS)

Serial no 6 is Network License, Serial Number 9 and 10 are Certificates and rest are all Non-network licenses. Please check the notification (Link) for further details.

Link

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If I am from a small town, which is the nearest Office I can approach for getting a license?

Please check the notification (Link) for details on Jurisdiction.
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What are DPL and NDPL?

DPL is the Dealer Possession License and NDP is Non-Dealer Possession License.

DPL is issued for the prospective dealers and distributors of wireless products. The DPL enables a person or company to possess and transact in the wireless products which are licensed through the DPL.

The NDPL is issued to an individual when she neither possess any other kind of wireless license issued by WPC nor is a dealer of wireless product , but propose to hold certain wireless equipment for which the application is submitted to WPC.

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Are there any consultant offices, authorized by WPC to do my liaison work with WPC?

No.

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What shall I do to renew my license? Are all licenses renewable?

Generally the Licenses are renewed by the office which has issued it. However Regional RLO can renew the licenses which are delegated to it and as per the jurisdiction in the notification.

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How can I get my license Cancelled?

Submit an application for surrendering the license. The license should be valid for the month in which the application is filed. If any equipment is in service under the license, dismantle and shift these equipments to any dealer who holds a valid DPL for similar equipments. If the equipments are faulty, get them cannibalized under disposal procedure. The original license along with the disposal certificate/equipments transferred certificate should be submitted to WPC for surrendering the license.

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How can I get a duplicate license?

Submit an application to WPC for duplicate license along with a copy of the FIR lodged for the loss/destruction of the original license and necessary fees.

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If my licensed wireless product becomes faulty how can I get it replaced with a new one?

The disposal procedure:

1) Please ensure that the license has been validated as on the date of disposal.
2) Intimate the regional office/wireless monitoring station for the presence of an officer.
3) Cannibalize the equipment in all respect in the presence of the officer.
4) Get a disposal certificate from the officer.
5) Send the application for the replacement along with original license and disposal certificate.

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What is NFAP?

National Frequency Allocation Plan. NFAP describes the frequency management plan to suit the national frequency requirements as per the ITU guidelines. The NFAP get amended from time to time, the latest being NFAP-2005. Please check the following link for further details.

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What are STP and LOA?

STP is the Short Term Permit issued to the Aeronautical and Maritime License applicants prior to the issue of Permanent License. LOA is the Letter of Agreement or Decision to grant license which is the first communication to the applicant for various categories of license. LOA authorize the applicant to proceed with

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What is SACFA? What is the procedure to get SACFA clearance?

SACFA is an acronym for Standing Advisory Committee for Frequency Allocation. SACFA deals with the procedures for ‘Sitting Clearance’ for Wireless Transmitters Please check the following link for further details.

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What is ETA? What is the procedure to get an ETA?

ETA is the Type approval for equipments given by WPC for the use of equipments in the Indian Telecom Network. Please check the following link

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What are the fees to be paid for various categories of License?

An applicant has to pay License fees and Royalty fees to get a License and for its renewal. Please check the link on 'Orders' for the formula for calculation of Royalty and License fee. Please check the following link. Various fees to be paid are normally indicated in the decision letter issued to the applicant.

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What is the difference between Royalty fees and License Fees? What are Spectrum fees?

License fee is a fixed charge binding on the use of Wireless Equipment. Royalty fees are the charges for the use of RF (Radio Frequency) Spectrum Spectrum fee is an alternate name for Royalty fee.

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Does WPC provide any training prior to the examinations?

WPC does not provide training for any of the examinations conducted by it.

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Are there any institutes authorized to give training? If so what are their esses?

No. But certain institutes are approved for giving training in GMDSS. Please check the ıing link for the list of approved GMDSS institutes
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How to obtain the wireless operating license for satellite Phone (INMARSAT inals) ?

(i) First obtain No Objection Certificate (NOC) from the CS Group of DOT.
ıen apply for frequency assignment to WPC Wing in Performa prescribed along with NOC.
btained the ID from any operator (like M/s Tata Communication Ltd (VSNL).

pply for issuance of Wireless Operating License along with invoice of equipments and
site spectrum charges (License Fee and royalty)
pecified in the decision letter along with surcharge, if any.