

**GOVERNMENT OF INDIA
MINISTRY OF INFORMATION & BROADCASTING**

**LOK SABHA
UNSTARRED QUESTION No. 1750
(TO BE ANSWERED ON 26.07.2017)**

TELECASTING IN BORDER AREAS

1750. SHRI NIHAL CHAND:

Will the Minister of INFORMATION AND BROADCASTING be pleased to state:

- (a) the effective steps taken by the Government to prevent the range of signal coming from across the border;
- (b) whether the Government is contemplating to enhance the range of towers installed along the border and if so, the details thereof;
- (c) whether the Government has fixed any distance for the frequency of radio and television signals and if so, the details thereof; and
- (d) the steps taken by the Government for the proper implementation of schemes for the people living in the villages along the border?

ANSWER

**THE MINISTER OF STATE IN THE MINISTRY OF INFORMATION AND
BROADCASTING**

{COL RAJYAVARDHAN RATHORE (Retd.)}

(a) to (d) Prasar Bharati has informed that there is no mechanism as such to stop / prevent broadcast signals coming from across the border. Medium wave/Short wave broadcasts are bound by the guidelines / regulations issued by International Telecommunication Union (ITU). The power of MW Transmitters and their locations are decided in accordance with LF/MF plan suggested by ITU. All India Radio adheres to the guidelines and norms issued by ITU and it is expected that all our neighbouring countries follow the same in true spirit. As far as SW broadcast is concerned, there are no such regulations. Many countries are using SW broadcast to reach out to far destinations across border and continents.

All India Radio has its transmitters located in bordering areas to counter the propaganda as well as to safeguard our citizens from misleading broadcast. The list of AIR Transmitters located in bordering areas is given in **Annexure - I**

Strengthening of AIR services along the border areas is a continuous process. AIR has already provided various capacity transmitters at strategic locations for providing coverage to border areas. Out of these transmitters, the installed capacity of High Power MW transmitters (HPTs) is capable of providing coverage across the borders. For further strengthening of AIR services along the border areas, schemes for setting up of 31 new FM transmitters have been approved for implementation. Details are given in **Annexure-II**.

Doordarshan has been assigning priority to strengthen/expansion of TV coverage in border areas of the country to counter signal coming from across the border. Special packages for expansion and improvement of Doordarshan services in the border areas have been formulated from time to time. At present, 242 TV transmitters of varying power are functioning in border districts of the country. All the areas uncovered by terrestrial transmission (including those in border areas) along with rest of the country, have been provided with multi-channel TV coverage through Doordarshan's free to air DTH service, "DD Free Dish". DTH signals can be received anywhere in the country including border areas with the help of small sized dish receive units.

It is mentioned that the location of transmitters, their frequency of operation and power determine the distance of coverage. It is the constant endeavor of the Govt. to implement the schemes for the people living near the border alongwith the whole country.

ANNEXURE REFERRED IN REPLY TO PART (a) to (d) OF LOK SABHA UNSTARRED QUESTION NO. 1750 FOR ANSWER ON 26.07.2017

List of Existing Transmitters (MW+FM) providing coverage to the Border areas

| SL. NO. OF LOCATIONS | LOCATION | STATE | SL. NO. OF TR. | EXISTING TR. | NAME OF BORDER COVER |
|----------------------|---------------|-------------------|----------------|------------------|---|
| 1. | ITANAGAR | ARUNACHAL PRADESH | 1. | 200 KW MW (HPT)* | INDO- CHINA/TIBET BORDER |
| 2. | PASSIGHAT | ARUNACHAL PRADESH | 2. | 100 KW MW (HPT)* | INDO- BHUTAN BORDER INDO-CHINA/TIBET BORDER |
| 3. | TAWANG | ARUNACHAL PRADESH | 3. | 20 KW MW* | INDO- CHINA/TIBET BORDER INDO- BHUTAN BORDER |
| 4. | DHUBRI | ASSAM | 4. | 6 KW FM | INDO-BANGLADESH BORDER |
| 5. | DIBRUGARH | ASSAM | 5. | 300 KW MW (HPT)* | INDO- MYANMAR BORDER |
| 6. | GUWAHATI | ASSAM | 6. | 100 KW MW (HPT) | INDO-BANGLADESH BORDER INDO- BHUTAN BORDER |
| 7. | KOKRAJHAR | ASSAM | 7. | 20 KW MW | INDO- BHUTAN BORDER |
| 8. | SILCHAR | ASSAM | 8. | 20 KW MW | INDO-BANGLADESH BORDER |
| 9. | DHARBHANGA | BIHAR | 9. | 20 KW MW | INDO- NEPAL BORDER |
| 10. | PATNA | BIHAR | 10. | 100 KW MW (HPT)* | INDO- NEPAL BORDER |
| 11. | AHMEDABAD | GUJARAT | 11. | 200 KW MW (HPT)* | INDO-PAK BORDER |
| 12. | BHUJ | GUJARAT | 12. | 20 KW MW | INDO-PAK BORDER |
| 13. | RAJKOT | GUJARAT | 13. | 5 KW FM | INDO-PAK BORDER |
| | | | 14. | 300 KW MW (HPT)* | INDO-PAK BORDER |
| | | | 15. | 1000 KW MW(HPT)* | INDO-PAK BORDER |
| 14. | DHARMSHALA | HIMACHAL PRADESH | 16. | 10 KW FM | INDO- CHINA/TIBET BORDER |
| 15. | BHADHARWA | JAMMU & KASHMIR | 17. | 6 kW FM | INDO-PAK BORDER |
| 16. | DISKIT | JAMMU & KASHMIR | 18. | 1 KW MW | INDO-PAK BORDER |
| 17. | DRASS | JAMMU & KASHMIR | 19. | 1 KW MW | INDO-PAK BORDER |
| | | | 20. | 100 W FM | INDO-PAK BORDER |
| | | | 21. | 300 KW MW (HPT)* | INDO-PAK BORDER |
| 18. | JAMMU | JAMMU & KASHMIR | 22. | 10 KW FM | INDO-PAK BORDER |
| | | | 23. | 6 KW FM | INDO-PAK BORDER |
| | | | 24. | 200 KW MW (HPT) | INDO-PAK BORDER |
| 19. | KARGIL | JAMMU & KASHMIR | 25. | 1 KW MW | INDO-PAK BORDER |
| | | | 26. | 100 W FM | INDO-PAK BORDER |
| | | | 27. | 10 KW FM | INDO-PAK BORDER |
| 20. | KATHUA | JAMMU & KASHMIR | 27. | 10 KW FM | INDO-PAK BORDER |
| 21. | KHALTSI | JAMMU & KASHMIR | 28. | 1 KW MW | INDO-PAK BORDER |
| 22. | KUPWARA | JAMMU & KASHMIR | 29. | 20 KW MW | INDO-PAK BORDER |
| 23. | LEH | JAMMU & KASHMIR | 30. | 20 KW MW | INDO-PAK BORDER |
| | | | | | INDO- CHINA/TIBET BORDER |
| 24. | NAUSHERA | JAMMU & KASHMIR | 31. | 20 KW MW | INDO-PAK BORDER |
| 25. | NYOMA | JAMMU & KASHMIR | 32. | 1 KW MW | INDO- CHINA/TIBET BORDER |
| 26. | PADUM | JAMMU & KASHMIR | 33. | 1 KW MW | INDO-PAK BORDER |
| | | | 34. | 100 W FM | INDO-PAK BORDER |
| 27. | POONCH | JAMMU & KASHMIR | 35. | 6 KW FM | INDO-PAK BORDER |
| 28. | RAJOURI | JAMMU & KASHMIR | 36. | 10 KW FM | INDO-PAK BORDER |
| 29. | SRINAGAR | JAMMU & KASHMIR | 37. | 300 KW MW (HPT) | INDO-PAK BORDER |
| | | | 38. | 10 KW MW | INDO-PAK BORDER |
| | | | 39. | 10 KW FM (VB) | INDO-PAK BORDER |
| | | | 40. | 10 KW FM | INDO-PAK BORDER |
| 30. | TIESURU | JAMMU & KASHMIR | 41. | 1 KW MW | INDO-PAK BORDER |
| | | | 42. | 100 W FM | INDO-PAK BORDER |
| 31. | CHURACHANDPUR | MANIPUR | 43. | 6 KW FM | INDO- MYANMAR BORDER |
| 32. | IMPHAL | MANIPUR | 44. | 300 KW MW (HPT) | INDO- MYANMAR BORDER |
| | | | 45. | 10 KW FM | INDO- MYANMAR BORDER |
| 33. | JOWAI | MEGHALAYA | 46. | 6 KW FM | INDO-BANGLADESH BORDER |
| 34. | SHILLONG | MEGHALAYA | 47. | 100 KW MW (HPT) | INDO-BANGLADESH BORDER |
| | | | 48. | 10 KW FM | INDO-BANGLADESH BORDER |
| 35. | TURA | MEGHALAYA | 49. | 20 KW MW | INDO-BANGLADESH BORDER |
| 36. | AIZAWL | MIZORAM | 50. | 20 KW MW | INDO-BANGLADESH BORDER INDO- MYANMAR BORDER |
| | | | 51. | 6 KW FM | INDO-BANGLADESH BORDER |
| 37. | LUNGLEI | MIZORAM | 52. | 6 KW FM | INDO-BANGLADESH BORDER INDO- BHUTAN BORDER |
| | | | | | |
| 38. | SAIHA | MIZORAM | 53. | 1 KW MW | INDO- MYANMAR BORDER |

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|-----|---------------------|---------------|-----|-------------------|--|
| 39. | MON | NAGALAND | 54. | 1 KW MW | INDO- MYANMAR BORDER |
| 40. | TUENSANG | NAGALAND | 55. | 1 KW MW | INDO- MYANMAR BORDER |
| 41. | FAZILKA | PUNJAB | 56. | 20 KW FM | INDO-PAK BORDER |
| 42. | JALLANDHAR | PUNJAB | 57. | 300 KW MW (HPT)* | INDO-PAK BORDER |
| | | | 58. | 200 KW MW (HPT) | INDO-PAK BORDER |
| 43. | BARMER | RAJASTHAN | 59. | 20 KW MW* | INDO-PAK BORDER |
| 44. | BIKANER | RAJASTHAN | 60. | 20 KW MW* | INDO-PAK BORDER |
| | | | 61. | 10 KW FM | INDO-PAK BORDER |
| 45. | JAISALMER | RAJASTHAN | 62. | 10 KW FM | INDO-PAK BORDER |
| 46. | JODHPUR | RAJASTHAN | 63. | 300 KW MW (HPT) | INDO-PAK BORDER |
| 47. | SURATGARH | RAJASTHAN | 64. | 300 KW MW (HPT)* | INDO-PAK BORDER |
| 48. | GANGTOK | SIKKIM | 65. | 20 KW MW | INDO-NEPAL BORDER INDO- BHUTAN BORDER INDO- CHINA/TIBET BORDER |
| | | | 66. | 10 KW FM | INDO-NEPAL BORDER INDO- BHUTAN BORDER INDO- CHINA/TIBET BORDER |
| 49. | CHENNAI | TAMILNADU | 67. | 200 KW MW (HPT)* | INDO- SRILANKA BORDER |
| 50. | TUTICORIN | TAMILNADU | 68. | 200 KW MW (HPT) | INDO- SRILANKA BORDER |
| | | | 69. | 1 kW FM | INDO- SRILANKA BORDER |
| 51. | AGARTALA | TRIPURA | 70. | 20 KW MW | INDO-BANGLADESH BORDER |
| | | | 71. | 10 KW FM | INDO-BANGLADESH BORDER |
| 52. | BELONIA | TRIPURA | 72. | 6 KW FM | INDO-BANGLADESH BORDER |
| 53. | KAILASHAHAR | TRIPURA | 73. | 6 KW FM | INDO-BANGLADESH BORDER |
| 54. | GORAKHPUR | UTTAR PRADESH | 74. | 100 KW MW (HPT) | INDO-NEPAL BORDER |
| | | | 75. | 10 KW FM | INDO-NEPAL BORDER |
| 55. | LAKHEEMPUR KHERI | UTTAR PRADESH | 76. | 10 KW FM | INDO-NEPAL BORDER |
| 56. | LUCKNOW | UTTAR PRADESH | 77. | 300 KW MW (HPT) | INDO-NEPAL BORDER |
| 57. | RAMPUR | UTTAR PRADESH | 78. | 20 KW MW | INDO-NEPAL BORDER |
| 58. | PITHORAGARH | UTTARAKHAND | 79. | 1 KW MW | INDO-NEPAL BORDER |
| 59. | BALURGHAT | WEST BENGAL | 80. | 10 KW FM | INDO-BANGLADESH BORDER |
| 60. | KOLKATA | WEST BENGAL | 81. | 1000 KW MW (HPT)* | INDO-BANGLADESH BORDER |
| | | | 82. | 200 KW MW (HPT)* | INDO-BANGLADESH BORDER |
| | | | 83. | 100 KW MW (HPT)* | INDO-BANGLADESH BORDER |
| | | | 84. | 20 KW MW | INDO-BANGLADESH BORDER |
| 61. | KURSEONG | WEST BENGAL | 85. | 10 KW FM | INDO-BANGLADESH BORDER INDO- BHUTAN BORDER INDO- NEPAL BORDER |
| | | | 86. | 5 KW FM | INDO-BANGLADESH BORDER INDO- BHUTAN BORDER INDO- NEPAL BORDER |
| 62. | MURSHIDABAD | WEST BENGAL | 87. | 6 KW FM | INDO-BANGLADESH BORDER |
| 63. | SILLIGURI | WEST BENGAL | 88. | 200 KW MW (HPT)* | INDO-BANGLADESH BORDER INDO- BHUTAN BORDER INDO- NEPAL BORDER |
| | | | 89. | 10 KW FM | INDO-BANGLADESH BORDER INDO- BHUTAN BORDER INDO- NEPAL BORDER |

* New state of the art MW transmitters and are capable to transmit MW Broadcast in Digital or Analog or combination of both(Digital + Analog) formats.

Annexure-II**ANNEXURE REFERRED IN REPLY TO PART (a) to (d) OF LOK SABHA UNSTARRED QUESTION NO. 1750 FOR ANSWER ON 26.07.2017****List of 31 FM Transmitters for setting up along the border areas**

| S. No. | Place | STATE | Power of the proposed Transmitters | NAME OF BORDER COVER |
|--------|----------------------------------|-------------------|--|---|
| 1. | Dhubri | Assam | 10 kW FM (as a replacement of Existing 6 kW FM transmitter) | INDO-BANGLADESH BORDER |
| 2. | Belonia | Tripura | 10 kW FM (as a replacement of existing 6 kW FM transmitter) | INDO-BANGLADESH BORDER |
| 3. | Green Ridge (Uri Sector) | JAMMU & KASHMIR | 10 kW FM | INDO-PAK BORDER |
| 4. | Himbotingla (Kargil) | JAMMU & KASHMIR | 10 kW FM | INDO-PAK BORDER |
| 5. | Patnitop (Udhampur) | JAMMU & KASHMIR | 10 kW FM | INDO-PAK BORDER |
| 6. | Naushera | JAMMU & KASHMIR | 10 kW FM | INDO-PAK BORDER |
| 7. | Amritsar | PUNJAB | 20 kW FM | INDO-PAK BORDER |
| 8. | Chauntan hill | RAJASTHAN | 20 kW FM | INDO-PAK BORDER |
| 9. | Darjeeling | WEST BENGAL | 10 kW FM | INDO-BANGLADESH BORDER INDO-NEPAL BORDER |
| 10. | Krishnanagar | WEST BENGAL | 10 kW FM | INDO-BANGLADESH BORDER |
| 11. | Coochbehar | WEST BENGAL | 10 kW FM | INDO-BANGLADESH BORDER |
| 12. | Anini/Roing | ARUNACHAL PRADESH | 1 kW FM | INDO-CHINA/TIBET BORDER |
| 13. | Changlang | ARUNACHAL PRADESH | 1 kW FM | INDO-MYANMAR BORDER |
| 14. | Khonsa | ARUNACHAL PRADESH | 1 kW FM | INDO-MYANMAR BORDER |
| 15. | Karim ganj | ASSAM | 1 kW FM | INDO-BANGLADESH BORDER |
| 16. | Ukhrul | MANIPUR | 1 kW FM | INDO-MYANMAR BORDER |
| 17. | Cherapunjee | MEGHALAYA | 1 kW FM | INDO-BANGLADESH BORDER |
| 18. | Tuipang | MIZORAM | 1 kW FM | INDO-MYANMAR BORDER |
| 19. | Champhai | MIZORAM | 1 kW FM | INDO-MYANMAR BORDER |
| 20. | Phek | NAGALAND | 1 kW FM | INDO-MYANMAR BORDER |
| 21. | Nutan bazar | TRIPURA | 1 kW FM | INDO-BANGLADESH BORDER |
| 22. | Champawat | UTTARAKHAND | 1 kW FM | INDO-NEPAL BORDER |
| 23. | Silchar | ASSAM | 5 kW FM | INDO-BANGLADESH BORDER |
| 24. | Tura | MEGHALAYA | 5 kW FM | INDO-BANGLADESH BORDER |
| 25. | Longtherai | TRIPURA | 5 kW FM | INDO-BANGLADESH BORDER |
| 26-31 | 6 locations in Indo-Nepal Border | | 10 kW FM | INDO-NEPAL BORDER |

