

Telecom Regulatory Authority of India
Quality of Service Division
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TRAI Releases Network/POIs congestion report of the CMSPs for the months of October, November and December, 2006

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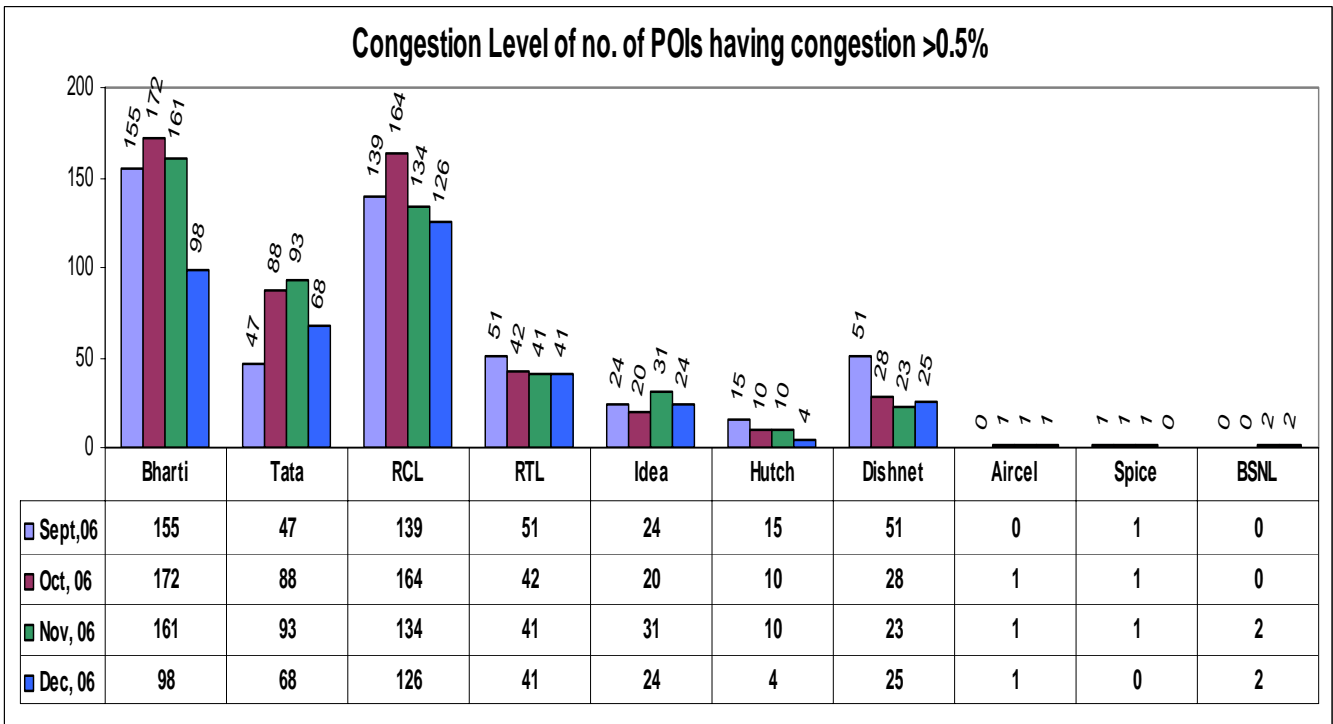
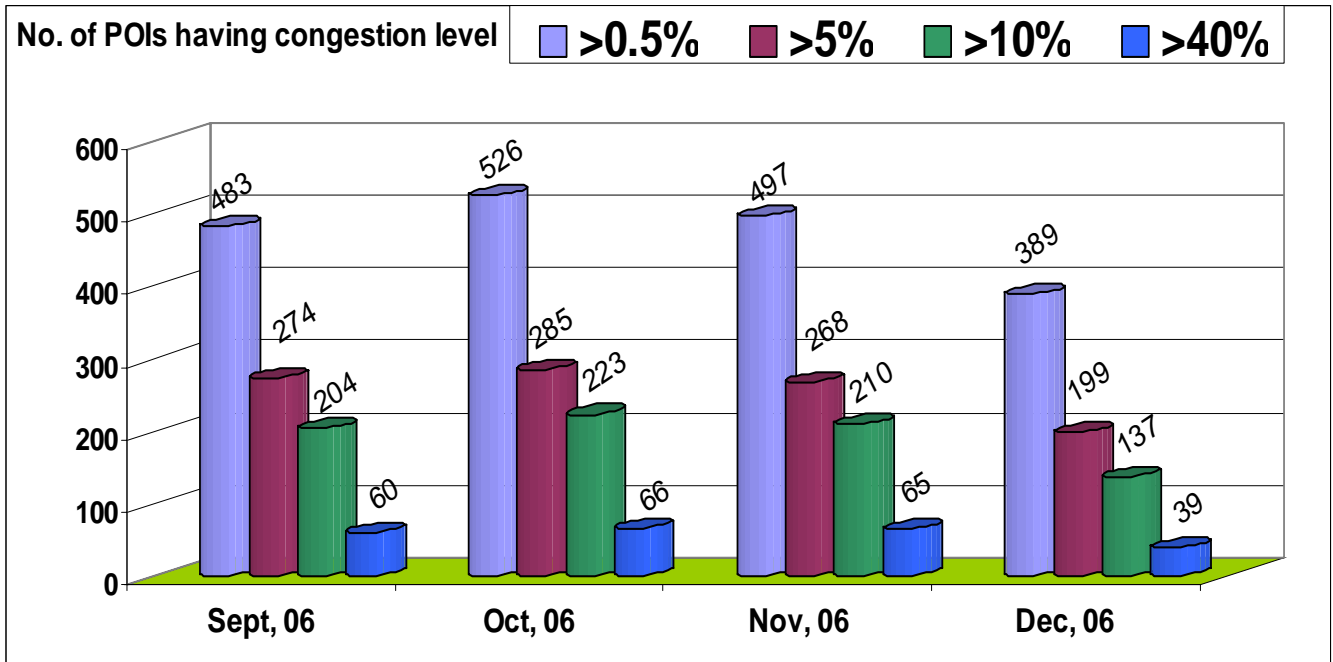
TRAI has been monitoring the level of congestion at the Point of Interconnection (POI) between various service providers on a monthly basis. This parameter signifies the ease by which a customer of one network is able to communicate with a customer of another network. This parameter also reflects as to how effective is the interconnection between two networks. The benchmark notified by TRAI in the QoS Regulation of July 2005 for this parameter is < 0.5%. This means out of 200 calls between two operators only one call should face congestion problem. The result of the monitoring reveals that in a number of areas, the degree of congestion between the operators is alarming. In a number of cities, the level of congestion between the networks of different operators is far more than this benchmark.

Cellular Mobile Service Providers have submitted their POIs Congestion Reports in TRAI for the months of October, November and December, 2006.

- We have included only the Service Providers who do not meet the TRAI stipulated POI Congestion benchmark of <0.5% in any of their service areas. M/s Reliance Communication Limited is furnishing the POI Congestion data for Basic (Wire-line) Service since April, 2006 and same is also included.
- The POI Congestion Report analysis for the month of October, 2006 to December, 2006 shows that the no. of POIs having congestion has increased from 483 in Sept, 2006 to 526 in October, 2006. **Though, the overall performance has improved but in Karnataka, AP, Haryana, Kerala and Tamilnadu circles , the number of POIs having congestion has increased.**
- Out of these 389 POIs in December, 2006, in 199 POIs, the level of congestion is more than 5% as compared to 274 POIs in Sept, 2006.
- The number of such POIs where the level of congestion is more than 10% is 137 in December, 2006, whereas it was 204 in the month of Sept, 2006.
- The number of worst affected POIs where congestion level is more than 40% is 39 in the month of December, 2006 as compared to 60 POIs in Sept, 2006.
- In respect of POIs from Pvt CMSPs to BSNL, though the number of POIs having congestion has decreased from 366 in Sept. 2006 to 300 in Dec. 2006 but the performance has deteriorated in Karnataka, AP, Haryana, Kerala and Tamilnadu.
- During the same period POI congestion among Pvt CMSPs has also decreased from 117 in Sept, 2006 to 89 in December, 2006.

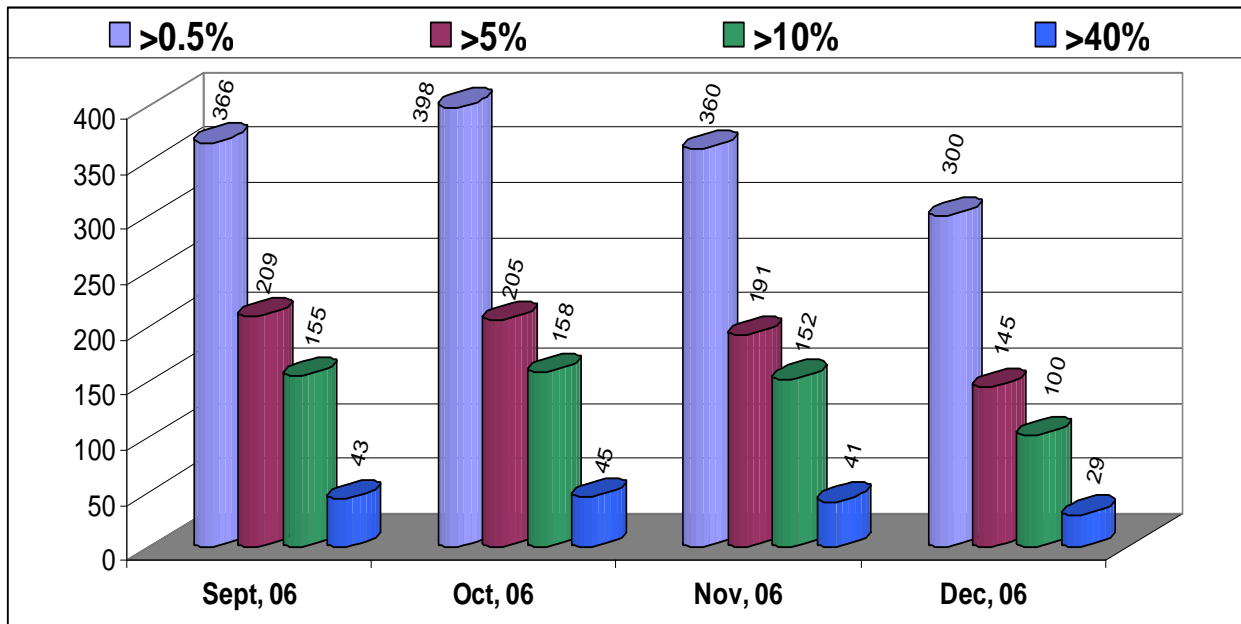
- It may be recalled that TRAI had issued direction for providing interconnection within ninety days from the date of payment. However this power of TRAI has been challenged in TDSAT. The issue regarding interconnection is also pending before Hon'ble Supreme Court.
- The Circles/ States badly affected due to POI congestion are Bihar, Assam, Rajasthan, Madhya Pradesh, North East, West Bengal, UP-East, Orissa, Gujarat, Karnataka , AP, and J & K.

The analysis of the degree of congestion in these POIs is given below:-

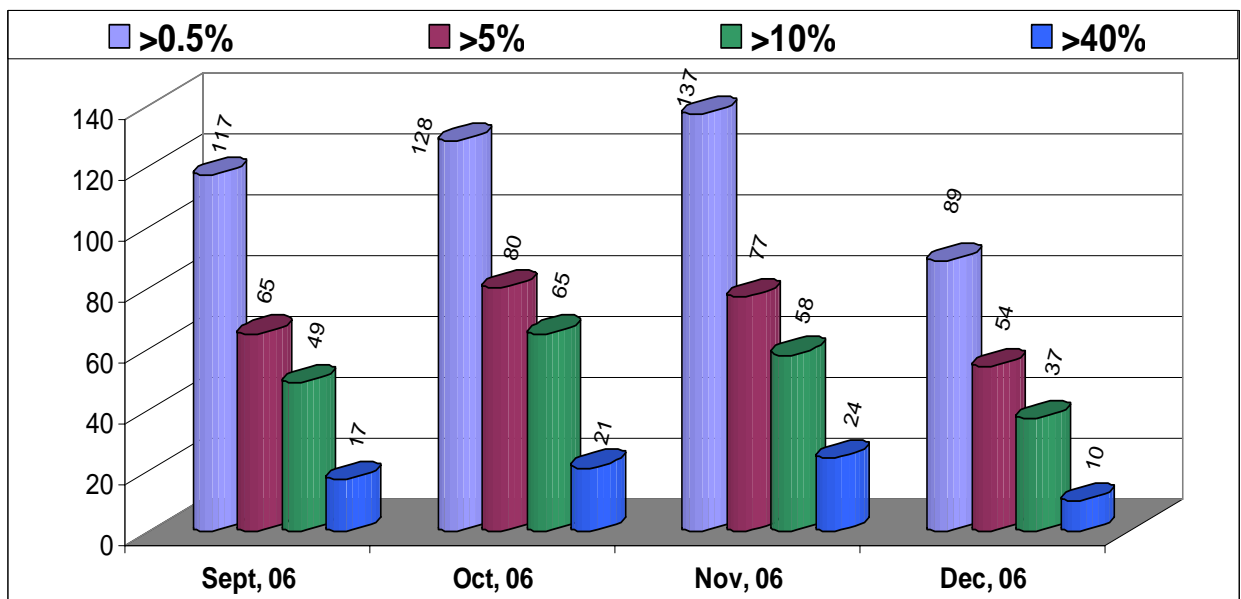


The POI congestion level between Private Service Providers and BSNL, and also among the Private Service Providers is given below in graphs:-

Number of POIs having congestion level between Private Service Providers and BSNL



Number of POIs having congestion level among the Private Service Providers



Critical Analysis – Operator wise:-

The worst affected POIs where Congestion level on point of interconnections (POIs) is more than 40%, from Private Service Providers to BSNL and Private Service Providers to Private Service Providers for the month of December, 2006:-

POIs between Private Operators and BSNL					
Bharti Airtel	Tata Teleservi-ces	Reliance Com/ Reliance Telecom	Hutch Essar	IDEA Cellular	Dishnet
Bihar:- Level 1- Patna :- Budha Marg = 55.90% Level 2:- Sasaram = 84.90% Shaharsa = 72.60% Gujarat:- Level 2:- Surendernagar = 42.10% J&K:- Level 1 (Virtual) - Jammu = 62.00% Madhya Pradesh:- Level 2:- Chhindwara =63.50% North East:- Cellone Shillong = 83.00% Orissa:- Level 2:- DWLOR = 54.70% Rajasthan:- Level 1:- Cellone MSC1=41.00% Level 2:- Chittorgarh:- 57.90% UP-East:- Level 2:- Mirzapur=48.40%	Rajasthan:- Level - 2 Alwar Fixed= 82.00% Bhilwara Mobile=58.00% Sikar Fixed=80.00% Bihar:- Level 1:- Patana Fixed=66.45% Patana Homer old = 79.41%% Patana Roamer New = 76.75% Level - 2 Darbhanga = 87.90% Muzaffarpur=80.13% UP-East:- Level - 2 Hardoi=42.66%	Reliance Communication Karnataka:- Level - 2 Bangalore 022 =65.51% Rajasthan:- Level 2:- Bharatpur=40.20% Reliance Telecom Bihar:- Level -2 Sahersa = 48.51% Assam:- Level - 2 Bongiagaon = 42.74% North East:- Level - 1 Shillong = 83.20%	UP-East:- Level -2 Baharaich =60.00%%	Madhya Pradesh:- Level 2:- Khargone=65.85%	Assam:- Level 2:- Guwahati Tax=68.68% NE:- BSNL Cellone:-68.83% J & K:- Level 1(Virtual):- Jammu TAX NLD = 49.37%
POIs among the Private Operators					
Bharti Airtel	Tata Teleservices	Reliance Com/ Reliance Telecom	Hutch Essar	IDEA Cellular	Dishnet
J & K:- Shrinagar BTSOL NLD=50.00% West Bengal:- Reliance CDMA =52.00%	Andhra Pradesh:- Airtel = 61.00%	Reliance Telecom Assam:- Airtel Guwahati=45.47% Aircel Guwahati= 68.40% Reliance Com ILT=50.08% North East:- Reliance Com ILT=48.69%	Nil	Nil	Assam:- RTL =65.01% North East:- Aircel Local=63.46

The non-provisioning and insufficient provisioning of telecom circuit resource as per traffic requirements leads to:

- inter-network congestion at the Point of Interconnection (POI)
- loss of calls
- repeated call attempts by consumers
- deterioration in Quality of Service (QoS)
- consumer dissatisfaction.

The network congestion report of all CMSPs for the period October, 2006 to December, 2006 is placed at TRAI website – www.traigov.in

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Authorised for issue

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