Government of India Ministry of Communications and IT Department of Telecommunications (Access Service Cell)

Sanchar Bhawan, 20, Ashok Road, New Delhi-110001

File No: 800-12/2013-AS.II Dated: 11th October' 2013

To

All UAS Licensee(s)

AMENDMENT 2 OF 2013

Subject: Amendment to the UAS License agreement regarding Central

Monitoring System.

The Government has decided to set up Centralized Monitoring System (CMS) for lawful interception and monitoring of communications. For the implementation of the same, LICENSEE's Lawful Interception System needs to be connected to the CMS at Regional Monitoring Centre (RMC) through Interception Store and Forward (ISF) server placed in LICENSEE's premises.

For this purpose, kindly find hereby enclosed the amendment to the condition 41.10 of the UAS license(s)

(P.C.Sharma) Director(AS-II)

17/10/20/2

Copy to:

- 1. Secretary, TRAI
- 2. Sr. DDG, TEC
- 3. Sr. DDG (TERM), DoT
- 4. DDG (Security), DoT
- 5. All DDsG TERM.
- 6. Director (AS-I)/ Director (AS-III)/ Director (AS-IV), Dir(AS-V), DoT
- DDG(IT) for website.

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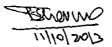
AMENDMENT 2 OF 2013

Subject: Amendment to the Unified Access Services (UAS) Licence agreement.

In exercise of the power vested in the Licensor under clause 5.1 of Unified Access Service (UAS) Licence Agreement, inter-alia, reserving the right to modify at any time the terms and conditions of the LICENCE, in public interest, security of the nation or proper conduct of the SERVICE, the Licensor hereby amends, with

immediate effect, the following clause(s) of the said Licence, namely:-

	te effect, the following clause(s) of the	, — .
Condit	Existing Condition	Amended Condition
ion		
No.		
41.10	The designated person of the	The designated person of the Central/
	Central/ State Government as	State Government as conveyed to the
	conveyed to the Licensor from	Licensor from time to time in addition
	time to time in addition to the	to the Licensor or its nominee shall
	Licensor or its nominee shall	have the right to monitor the
	have the right to monitor the	telecommunication traffic in every
	telecommunication traffic in	MSC/ Exchange/MGC/MG or any
	every MSC/	other technically feasible point in the
	Exchange/MGC/MG or any	network set up by the LICENSEE. The
	other technically feasible point	LICENSEE should make arrangement
	in the network set up by the	for monitoring simultaneous calls by
ļ	LICENSEE. The LICENSEE	Government security agencies. The
	should make arrangement for	hardware at LICENSEE's end and
	monitoring simultaneous calls	software required for monitoring of
	by Government security	calls shall be engineered,
	agencies. The hardware at	provided/installed and maintained by
	LICENSEE's end and software	the LICENSEE at LICENSEE's cost.
	required for monitoring of calls	However, the respective Government
	shall be engineered,	instrumentality shall bear the cost of
	provided/installed and	user end hardware and leased line
ļ	maintained by the LICENSEE at	circuits from the MSC/
	LICENSEE's cost. However, the	Exchange/MGC/MG to the
	respective Government	monitoring centres to be located as per
	instrumentality shall bear the	their choice in their premises or in the
	cost of user end hardware and	premises of the LICENSEE. But, in
	leased line circuits from the	case of Centralized Monitoring
<u> </u>	MSC/ Exchange/MGC/MG to	System (CMS), Licensee shall provide



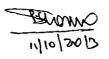
the monitoring centres to be located as per their choice in premises the their or in premises of the LICENSEE. case the security agencies intend to locate the equipment LICENSEE's premises tor monitoring, facilitating LICENSEE should extend all support in this regard including Space and Entry authorized security personnel. The Interface requirements as well as features and facilities as defined by the Licensor should implemented by the LICENSEE for both data and speech. Presently, the LICENSEE should ensure suitable redundancy the complete chain of Monitoring equipment for trouble operations of monitoring of at least 480 simultaneous calls as per requirement with at least 30 simultaneous calls for each of security/law designated enforcement agencies. MSC of the Licensee in the service area shall have capacity for provisioning of at 3000 numbers least monitoring. Presently there are designated nine (9)enforcement security/law agencies. The above capacity provisions no. and security/law designated enforcement agencies may be amended by the Licensor issuing separately by instructions at any time.

Along with the monitored call following records should be made available:

(i) Called/calling

party

the connectivity upto the nearest point of presence of MPLS (Multi Protocol Label Switching) network of the CMS at its own cost in the form of dark optical fibre with redundancy. If dark optical fibre connectivity is not readily available, the connectivity on optical fibre media may be extended in the form of 10 Mbps bandwidth upgradable upto 45 Mbps or higher as conveyed by the Government, till such time the dark optical fibre connectivity is established. However, LICENSEE shall endeavor establish connectivity by dark optical fibre at the earliest. From the point of presence of MPLS network of CMS onwards traffic will be handled by the Government at its own cost. In case the security agencies intend to locate the equipment at LICENSEE's premises for facilitating monitoring, the LICENSEE should extend support in this regard including Space and Entry of the authorized security personnel. The Interface requirements as well as features and facilities as defined by the Licensor should be implemented by the LICENSEE for both data and speech. Presently, the LICENSEE should ensure suitable redundancy in the complete chain of Monitoring equipment for trouble free operations of monitoring of at least 480 simultaneous calls as per requirement with at least 30 simultaneous calls for each of the designated security/law enforcement agencies. Each MSC of the Licensee in the service area shall have the capacity for provisioning of at least 3000 numbers for monitoring. Presently there are ten (10) designated security/law enforcement agencies. The above capacity provisions and no. of designated security/law enforcement agencies may be amended by the Licensor separately by issuing



- mobile/ PSTN numbers.
- (ii) Time/date and duration of interception.
- (iii) Location of target For subscribers. the present, Cell ID should be provided for location of the target subscriber. However, Licensor issue may directions from time to time on the precision of location, based on technological developments and Global integration of Positioning System (GPS) which shall be binding on the LICENSEE.
- (iv) Telephone numbers if any call-forwarding feature has been invoked by target subscriber.
- (v) Data records for even failed call attempts.
- (vi) CDR (Call Data Record) of Roaming Subscriber.

The LICENSEE shall be required to provide the call data records of all the specified calls handled by the system at specified periodicity, as and when required by the security agencies.

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Along with the monitored call following records should be made available:

- (i) Called/calling party mobile/ PSTN numbers.
- (ii) Time/date and duration of interception.
- (iii) Location of target subscribers. For the present, Cell ID should be provided for location of the target subscriber. However, Licensor may issue directions from time to time on the precision of location, based on technological developments and integration of Global Positioning System (GPS) which shall be binding on the LICENSEE.
- (iv) Telephone numbers if any callforwarding feature has been invoked by target subscriber.
- (v) Data records for even failed call attempts.
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Nio 2013 (P.C.Sharma) Director(AS-II)