RTI REQUEST DETAILS (आरटीआई अनुरोध विवरण)

Registration Number (पंजीकरण संख्या) :	IMETD/R/T/21/00004	**Date of Receipt (प्राप्ति की तारीख) :** 08/02/2021

Transferred From (से स्थानांतरित):	Ministry of Earth Sciences on 08/02/2021 With Reference Number : MOOCD/R/E/21/00015

Remarks(टिप्पणी) :	**As this matter also pertains to IMD, therefore, it is transferred under section 6(3) of the RTI Act 2005 to provide the reply to the applicant directly. A copy may also be furnished to the Headquarters for information purposes.**

Type of Receipt (रसीद का प्रकार) :	Electronically Transferred from Other Public Authority	**Language of Request (अनुरोध की भाषा) :** English
Name (नाम) :	Anirban Pal	**Gender (लिंग) :** Male
Address (पता) :	1/5, Kalibari Lane, Jadavpur, Kolkata, Pin:700032	
State (राज्य) :	West Bengal	**Country (देश) :** India
Phone Number (फोन नंबर) :	Details not provided	**Mobile Number (मोबाईल नंबर) :** +91-9830049507
Email-ID (ईमेल-आईडी) :	anirbanopal@gmail.com	
Status (स्थिति)(Rural/Urban) :	Urban	**Education Status :** Above Graduate
Requester Letter Number(निवेदक पत्र संख्या) :	Details not provided	**Letter Date :** Details not provided
Is Requester Below Poverty Line ? (क्या आवेदक गरीबी रेखा से नीचे का है?) :	No	**Citizenship Status (नागरिकता)** Indian
Amount Paid (राशि का भुगतान) :	0 (Received by **Ministry of Earth Sciences**) (original recipient)	**Mode of Payment (भुगतान का प्रकार)** Payment Gateway
Does it concern the life or Liberty of a Person? (क्या यह किसी व्यक्ति के जीवन अथवा स्वतंत्रता से संबंधित है?) :	No(Normal)	**Request Pertains to (अनुरोध निम्नलिखित संबंधित है) :** Dr. A K Mitra
Information Sought (जानकारी मांगी):	Date: 05-02-2021 To, Central Public Information Officer/ Assistant Public Information Officer, Ministry of Earth Sciences Prithvi Bhavan, Opp. India Habitat Centre, Lodhi Road, New Delhi - 110003 From, Name of applicant: Anirban Pal Address: 1/5, Kalibari Lane, Jadavpur, Kolkata, India , PIN: 700032. Contact No.: 9830049507 Subject: Request for disclosure of Information as per Section 6(1) of Right to Information Act, 2005. Sir/Madam, I request you to furnish the following information requested, pertaining to IT infrastructure at the head office and regional offices throughout India. 1) Do the computer systems in all the offices refer to any local servers for the operational IST or is there a central server for its dissemination? I. Local Servers _ II. Central Server _	

2) How the reference time is obtained, which helps to setup the time in the local and/or central servers?
I. It is fetched from GPS _
II. It comes directly from the Internet _
III. Some other authenticated source (Please specify)
_____

3) Is any specific procedure followed to verify the authenticity of this reference time?
I. Yes _
II. No _

4) How periodically is the correctness of this reference time checked?
I. Daily _
II. Monthly _
III. Yearly _
IV. Not Checked _

5) Are any outages or link failures faced in your network?
I. Yes _
II. No _

6) Can the causes for outages or link failure in your network be identified?
I. Yes _
II. No _

7) How soon can the issues stated above be rectified, and an analysis of these failures be undertaken?
_____

8) Are any physical logbooks maintained, for clock time settings of the system and the occurrences of outages and link failures?
I. Yes _
II. No _

9) Are you aware of the existence of any secure, certified, precise, traceable IST (Indian Standard Time) made available as a service, to help avoid the incidents of outages/failures and get better resource utilisation?
I. Yes _
II. No _

10) Has your department ever considered or discussed the impact of authenticated legal Indian Standard Time (IST) on the different functions and activities of the department?
_____.

11) Is there any subscription to any service or payment of any fees or any freely available service to receive IST?
I. Paid service _
II. Free service _
III. No service _
If a paid or free service is used, please specify the name of the service provider
_____.

If the information is not available with you, kindly forward to the appropriate Public Information Authority under s. 6(3) of Right to Information Act, 2005.
I declare that I am a citizen of India.
Thank You,
Anirban Pal

| **Original RTI Text (मूल आरटीआई पाठ):** | Date: 05-02-2021 |

To,
Central Public Information Officer/ Assistant Public Information Officer,
Ministry of Earth Sciences
Prithvi Bhavan, Opp. India Habitat Centre, Lodhi Road, New Delhi - 110003

From,
Name of applicant: Anirban Pal
Address: 1/5, Kalibari Lane, Jadavpur, Kolkata, India , PIN: 700032.
Contact No.: 9830049507

Subject: Request for disclosure of Information as per Section 6(1) of Right to Information Act,

2005.

Sir/Madam,

I request you to furnish the following information requested, pertaining to IT infrastructure at the head office and regional offices throughout India.
1) Do the computer systems in all the offices refer to any local servers for the operational IST or is there a central server for its dissemination?
I. Local Servers _
II. Central Server _

2) How the reference time is obtained, which helps to setup the time in the local and/or central servers?
I. It is fetched from GPS _
II. It comes directly from the Internet _
III. Some other authenticated source (Please specify)
_____

3) Is any specific procedure followed to verify the authenticity of this reference time?
I. Yes _
II. No _

4) How periodically is the correctness of this reference time checked?
I. Daily _
II. Monthly _
III. Yearly _
IV. Not Checked _

5) Are any outages or link failures faced in your network?
I. Yes _
II. No _

6) Can the causes for outages or link failure in your network be identified?
I. Yes _
II. No _

7) How soon can the issues stated above be rectified, and an analysis of these failures be undertaken?
_____

8) Are any physical logbooks maintained, for clock time settings of the system and the occurrences of outages and link failures?
I. Yes _
II. No _

9) Are you aware of the existence of any secure, certified, precise, traceable IST (Indian Standard Time) made available as a service, to help avoid the incidents of outages/failures and get better resource utilisation?
I. Yes _
II. No _

10) Has your department ever considered or discussed the impact of authenticated legal Indian Standard Time (IST) on the different functions and activities of the department?
_____.

11) Is there any subscription to any service or payment of any fees or any freely available service to receive IST?
I. Paid service _
II. Free service _
III. No service _
If a paid or free service is used, please specify the name of the service provider
_____.

If the information is not available with you, kindly forward to the appropriate Public Information Authority under s. 6(3) of Right to Information Act, 2005.
I declare that I am a citizen of India.
Thank You,
Anirban Pal

Print   Save   Close

Print

File No: I/40/2021/Misc.
Government of India
India Meteorological Department
O/o Director General of Meteorology,
SatMet Building, India Meteorological Department, Lodhi Road, New Delhi

Dated: 02/03/2021

To

Shri Anirban Pal
1/5, Kalibari Lane, Jadavpur, Kolkata
700032

Registration Number : IMETD/R/T/21/00004

Dear Sir/Madam

I am to refer to your Request for Information under RTI Act 2005, received vide letter dated 05/02/2021 and to say that *As there are many division in IMD with different operational activities pertaining to IT infrastructure. Based upon the regular activities, the information as received from the concerned sections (ISSD, RADAR & SatMet) of this office is enclosed herewith..*

In case, you want to go for an appeal in connection with the information provided, you may appeal to the Appellate Authority indicated below within *thirty days* from the date of receipt of this letter.

Dr. Vijay Kumar Soni
FAA & Scientist - F
Address: O/o DGM, India Meteorological DepartmentMausam Bhawan, Lodi
RoadNew Delhi
Phone No.: 011-43824440

Yours faithfully

(Dr. A K Mitra)
CPIO & Scientist-E
Phone No.: 43824489
Email : imd.rti@gmail.com

RTI·Cell

With reference to your RTI application from Shri Anirban Pal, Jadavpur, Kolkata regarding request to provide information pertaining to IT infrastructure at ISSD at Headquarter IMD, India replies is are as follows as per his questions:-

1. Do the computer systems in all the offices refer to any local servers for the operational IST or is there a central server for its dissemination?

   Reply- No

2. How the reference time is obtained, which helps to setup the time in the local and /or central servers?

   Reply- NA

3. Is any specific procedure followed to verify the authenticity of this reference time?

   Reply- NA

4. How periodically is the correctness of this reference time checked?

   Reply- NA

5. Are any outages or link failures faced in your network?

   Reply- NA

6. Can the causes for outage or link failure in your network be identified?

   Reply- NA

7. How soon can the issues stated above be rectified, and an analysis of these failures be undertaken?

   Reply-NA

8. Are any physical logbooks maintained, for clock time settings of the system and the occurrences of outages and link failures?

   Reply-NA

9. Are you aware of the existence of any secure, certified, precise, traceable IST (Indian Standard Time) made available as a service, to help avoid the incidents of outages failures and get better resource utilization?

   Reply-NA

10. Has your department ever considered or discussed the impact of authenticated legal Indian Standard Time (IST) on the different functions and activities of the department?

Reply-Yes

11. Is there any subscription to any service or payment of any fees or any freely available service to receive IST

Reply-Free service, time.nplindia.org

The details regarding IT infrastructure at other divisions at Headquarter and Regional offices are not available with ISSD and the same may kindly be obtained from them directly.

24/02/2021

(Sanjeev Sharma)
Met-B(ISSD)

DGM-HQ-16099(85)/1/2021-ISSD-HQ Dated:24.02.2021

A~ 19/2/21
Shri Dimei, SA

✓ **DGM (RTI Cell)**

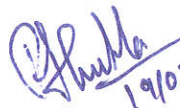**Sub: Information (T-00004) sought by Shri Anirban pal under RTI Act 2005**
Ref: RTI Registration No. IMETD/R/T/21/00004 dated 08.02.2021

With reference to above, the reply of Radar Division is as under:

Question asked:	Reply:
1. Do the computer system in all the offices refer to any local servers for the operational IST or is there a central server for its dissemination.	Local Servers
2. How the reference time is obtained, which helps to setup the time in the local and/ or central servers?	It is fetched from GPS.
3. Is any specific procedure followed to verify the authenticity of this reference time?	No, Specific procedure is followed.
4. How periodically is the correctness of this reference time checked?	Not Checked.
5. Are any outages or link failures faced in your Network?	No.
6. Can the causes for outages or link failures in your network be identified?	Yes.
7. How soon can the issues stated above be rectified and an analysis of these failures be undertaken?	Within few minutes.
8. Are any physical log books maintained, for clock time settings of the system and the occurrences of outages and link failures?	No.

9. Are you aware of the existence of any secure, certified, precise, traceable IST (Indian Standard Time) made available as a service, to help avoid the incident of outages/failures and get better resource utilisation?	No.
10. Has your department ever considered or discussed the impact of authenticated legal Indian Standard Time (IST) on the different function and activities of the department?	No.
11. Is there any subscription to any service or payment of any fees or any freely available service to receive IST?	No Service.

The above information is related to Radar Division of IMD only.

19/02/2021

(Rohit Shukla)
Scientist 'C' (Radar)
For Head (UAID)

DGM (UAID) UOI NO. RDR-43000(RTI)/   dated: 19.11.2021

आरटीआई अधिनियम के तहतश्री अनिर्बान पाल द्वारा मांगी गई जानकारी हेतु.

1 message

GENERAL BRANCH SAT MET <dsatmet23@gmail.com>   Fri, Feb 19, 2021 at 4:41 PM
To: imd.rti@gmail.com

आरटीआई सेल

विषय: आरटीआई अधिनियम के तहत श्री अनिर्बान पाल द्वारा मांगी गई जानकारी हेतु.
संदर्भ: सं.-I/40/2021/ विविध   दिनांक 16-1-2021

Kindly find below the Point wise reply of RTI questions (Reg No: IMETD/R/T/21/00004) in respect of MMDRPS system of Sat Met Division, IMD Delhi.

1) Do the computer systems in all offices refer to any local servers for the operational IST or is there a central server for dissemination
  I)   Local Servers
  II)   Central Servers

The local servers are used for dissemination.

2) How the reference time is obtained, which helps to setup the time in the local and/or central servers?
  I)   It is fetched from GPS
  II)   It comes directly from the Internet
  III)   Some other authenticated source (Please Specify)

The reference time is obtained from the GPS signal receiving system.

3) Is any specific procedure followed to verify the authenticity of this reference time?
  I)   Yes
  II)   No

We have 2 Numbers of Network Time Protocol (NTP) devices with GPS signal receiving system which is directly in sync with the GPS satellite constellations.

4) How Periodically is the correctness of this reference time check?
  I)   Daily
  II)   Monthly
  III)   Yearly
  IV)   Not Checked

Daily. There is a specific daemon employed to synchronize the time. Daemon name is chronyd where it will sync system time twice a day.

5) Are any outages or link failure faced in your network?
  I)   Yes
  II)   No
  No
6) Can the causes for outages or link failure in your network be identified?
  I)   Yes
  II)   No
  Yes
7) How soon can this issue stated above be rectified and an analysis of these failures be undertaken?

We have not found any issue till date with respect to failure related to time issues in the Multi Mission Meteorological Data Reception and Processing system (MMDRPS) as dedicated daemons are employed for it. There have been instances of link failure like cable failure, network failure, network device failure. It takes around one hour for rectification of cable failure, for network looping it takes around 2-3 hours to be rectified. Network device failure depends upon device availability. But we maintain a redundancy in the MMDRPS network so the network outage time in 0.001ms as there is an active backup connection for all devices.

8) Are any physical logbooks maintained, for clock time settings of the system and the occurrence of outage and link failures?
No.

9) Are you aware of the existence of any secure, certified, precise, traceable IST (Indian Standard Time) made available as a service, to help avoid the incidents of outages/failures and get better resource utilization?

    I) Yes
    II) No

No. We are utilizing UTC time for all servers and for devices. if we require we change the time zone for it like time zone UTC +00.00 to IST +05.30.

10) Has your department ever considered or discussed the impact of authenticated legal Indian Standard Time (IST) on the different functions and activities of the department?
Our activities are highly dependent on time synchronization and we have already implemented it.

11) Is their any subscription to any service or payment of any fees or any freely available service to receive IST

    I) Paid
    II) Free service
    III) No service

If a paid or free service is used, please specify the name of the service provider

No service, utility has been set up locally in the system.

(रामेंद्र सिंह नेगी)
मौसम विज्ञानी-बी
उपग्रह मौसम विज्ञान प्रभाग

फ़ाइल सं. ए-44018-एस.एम(आरटीआई) दिनांक 19-02-2021   कृते प्रमुख (उपग्रह मौसम)

2 attachments

rti 1.jpeg
511K

rti 2.jpeg
551K