

**ACTION HISTORY OF RTI REQUEST No.WLIOI/R/E/20/00004**

**Applicant Name** Sagnik Sengupta

**Text of Application** 1. Need details of all Tigers Radio Collared by WII till date. 2. Out of the total GPS collar used how many are in working condition. 3. Need details of GPS device used like make and Battery life of each such device used.

**Reply of Application** Information attached as .pdf file.

<b>SN.</b>	<b>Action Taken</b>	<b>Date of Action</b>	<b>Action Taken By</b>	<b>Remarks</b>
1	RTI REQUEST RECEIVED	20/01/2020	Nodal Officer	
2	REQUEST FORWARDED TO CPIO	21/01/2020	Nodal Officer	Forwarded to CPIO(s) : (1) Anju Baroth
3	REQUEST DISPOSED OF	04/02/2020	Anju Baroth-(CPIO)	

Print

No. WII/RTI/CPIO/2019-20 (Qtr-IV)

Date: 04 February, 2020

To,

Shri Sagnik Sengupta  
SAGE Stripes and Green Earth,  
9/11/2 Bejoygarh, opposite to  
Badal Sweet Shop,  
Kolkata, Pin:700032  
Email: sagnik.sengupta@gmail.com

Sub.: Information under RTI Act, 2005–reg.

Ref.: Your Online RTI No. WLIOI/R/E/20/00004 dated 20 January, 2020

Dear Sir,

Please refer to your application cited above under RTI Act, 2005. In this context, point-wise response to your queries is given below:

Information Sought under RTI	Reply
1. Need details of all Tigers Radio Collared by WII till date.	Details of Tiger Radio collared by WII in its various projects is given in <b>Annexure-I &amp; II</b> .
2. Out of the total GPS collar used how many are in working condition.	The information on the Tigers collared by State Forest Department where WII scientists were called for collaring can be obtained from the respective State Forest Department.
3. Need details of GPS device used like make and Battery life of each such device used.	

If you are not satisfied with the aforesaid reply, you may appeal to the Appellate Authority i.e. "Director, Wildlife Institute of India, Post Box 18, Chandrabani, Dehradun – 248 001, Ph. 0135-2640910".

Thanking you,

  
(Dr. Anju Baroth)  
NO & CPIO (RTI)

Encl.: as above.

**Details of tigers collared under various research**

Q1: Details of tiger's radio-collared

S. No.	No. of Tigers	Details of tiger's radio collared
01	18	UK09, UK10, TATRT6 C1, TATRT6 C2, TATRT7C1, TATRT7C2, T1C1, TIC3, B1, B2, BT49E1, BT49E3, BT49E4, TATRT7, TATRT42, TATRT19C1, TATRT19C2, TATRT19C3

Q2: Out of the 18 animals collared, 3 are on working condition as on date.

Q3: Vertex Plus Iridium collars from Vectronics. The battery life is based on number of fixes from radio – collar. All these collars are with 2D batteries. The details of battery life are attached.



डा० बिलाल हबीब Dr. Bilal Habib  
विभागाध्यक्ष / वैज्ञानिक Head/Scientist  
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देहरादून Dehradun

ATTESTED  
  
CPIO, Wild Life Institute of India, Dehradun

# VERTEX PLUS - datasheet



Oval-round shaped VERTEX PLUS collar with 3D battery and Drop Off

INFORMATION PROVIDED UNDER RTI

battery type	Globalstar 1 position send per message	IRIDUM 12 positions send per message	GSM 8 positions send per message	UHF position download in field	weight (without Drop Off)
1C	not available for this communication type			188 - 504 days	starting with 312 g**
1D	266 - 412 days	323 - 568 days	376 - 753 days	449 - 1113 days	starting with 470 g**
2D	559 - 865 days	680 - 1193 days	791 - 1582 days	943 - 2337 days	starting with 630 g**
3D	879 - 1360 days	1068 - 1875 days	1243 - 2486 days	> 4years	starting with 830 g**
4D	1225 - 1896 days	1489 - 2613 days	> 4 years	> 5 years	starting with 1030 g**
5D	1598 - 2473 days	> 5 years	> 6 years	> 7 years	starting with 1200 g**
7D	> 6 years	> 7 years	> 8 years	> 8 years	starting with 1500 g**

\*example calculation for following settings: GPS schedule with one GPS position every 2 hours, the VHF beacon active for 12 hours per day with Pulse Length 20ms, Period Length 1500ms, Output Power +10 dBm and no additional features running in 0°C ambient temperature

\*\*weight varies depending on belt configuration and communication type add 70 gram for collar with Drop Off

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Dehradun

Please contact our customer support for individual calculation in battery lifetime and weight.

## contact us

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**Note**Dated 31<sup>st</sup> January 2020

Ref: Online RTI WLIOI/R/E/20/00004 submitted by Sagnik Sengupta Kolkota  
Information Sought

1. Need details of all Tigers Radio collared by WII till date

**Response:** Details of tigers collared in Sariska Tiger Reserve, Ranthambore Tiger Reserve and Keoladeo National Park since 2008 is provided below.

S. No.	Year	Details of Tigers (ID)	Location
1	2008	T17, T8, T21, T10, T1	Ranthambore Tiger Reserve
2	2009	T18	Ranthambore Tiger Reserve
3	2010	T11	Sariska Tiger Reserve
4	2011	T12, T44	Ranthambore Tiger Reserve
		ST6	Keoladeo National Park
		ST4	Sariska Tiger Reserve
5	2012	ST6	Sariska Tiger Reserve
6	2013	Cub of T5 (Bina 1 & Bina 2)	Ranthambore Tiger Reserve
		ST3, ST10	Sariska Tiger Reserve
7	2015	ST4, ST5, ST6	Sariska Tiger Reserve
8	2016	ST3	Sariska Tiger Reserve
9	2017	ST11	Sariska Tiger Reserve
		ST13	Sariska Tiger Reserve
10	2018	-	
11	2019	-	
12	2020	-	

Details of collaring carried out in other areas may be sought from respective faculty/ PI Project.

2. Out of the total GPS collar used how many are in working condition

**Response:** None of the GPS collars used is in working condition

3. Need details of GPS device used like make and battery life of each such device used

**Response:** Details of collars with GPS device (make and battery life is provided below)

S. No.	Make	Battery life
1.	Lotek Satellite collar with GPS and VHF	1 week to 3months
2.	Telonics VHF/GPS/ARGOS collar	6 months

  
Dr. Parag Nigam  
Scientist F

Dr Anju Baroth  
NO & CPIO (RTI)

**ATTESTED**  
  
CPIO, Wild Life Institute of India, Dehradun