

कार्यालय वनमंडलाधिकारी धरमजयगढ़ वनमंडल, धरमजयगढ़ (छ0ग0)

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क्रमांक./मा.चि./ 330

/2020/धरमजयगढ़ दिनांक 25/01/2020

प्रति,

प्राधिकृत अधिकारी,

टाटा प्रोजेक्ट्स लि.

रायपुर छ0ग0

विषय :- डी.जी.पी.एस. सर्वे रिपोर्ट का सत्यापन करने के संबंध में।

संदर्भ :- आपका पत्र क्र.भानेप्रो/ओएफसी/वनभूमि/प्रस्ताव/28 दिनांक 21.01.2020

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विषयांतर्गत भारत सरकार की महत्वपूर्ण योजना " भारत नेट परियोजना" के तहत कार्यालय छ0ग0 इंफोटेक प्रमोशन सोसायटी (CHiPS) छ0ग0 के समस्त जिलों के ग्राम पंचायतों को दूर संचार की आधुनिक सुविधाओं को जोड़ने एवं डिजिटलकृत हेतु मेसर्स टाटा प्रोजेक्ट्स को सहभागी नियुक्त किया गया है।

प्रकरण में संदर्भित पत्र द्वारा वनमण्डल धरमजयगढ़ के अन्तर्गत आपके द्वारा ऑप्टिकल फाइबर केबल बिछाने हेतु DGPS/लिडार सर्वे रिपोर्ट मय मानचित्र प्रस्तुत किया गया है। जिसका DGPS/लिडार सर्वे रिपोर्ट मय मानचित्र का सत्यापन उपरांत रिपोर्ट प्रेषित है। वनभूमि प्रत्यावर्तन हेतु वन संरक्षण अधिनियम 1980 के अन्तर्गत आनलाईन पंजीयन की कार्यवाही पूर्ण करें, ताकि अग्रिम कार्यवाही की जा सके।

संलग्न :- डी.जी.पी.एस. सर्वे रिपोर्ट मूलतः।

वन मण्डलाधिकारी

धरमजयगढ़ वनमण्डल

क्रमांक/मा.चि./2020/ 331

/धरमजयगढ़, दिनांक 25/01/2020

प्रतिलिपि :-

1. उप वनमण्डलाधिकारी धरमजयगढ़ एवं लैलूंगा की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु अग्रेषित।
2. कार्यालय छ0ग0 इंफोटेक प्रमोशन सोसायटी (CHiPS) रायपुर छ0ग0 की ओर सूचनार्थ।

वन मण्डलाधिकारी

धरमजयगढ़ वनमण्डल

CHHATTISGARH BHARATNET PHASE-II PROJECT

LIDAR/DGPS SURVEY REPORT FOR DHARAMJAIGARH FOREST DIVISION FOR DIVERSION OF PROPOSED OFC ROUTES

Forest Division	: DHARAMJAIGARH
Forest Land (RF/PF/OA)	: 16.922 Ha.
Rev. Forest Land	: 0.407 Ha.
Total Proposed Diversion Area	: 17.329 Ha.
Block	: DHARAMJAIGARH AND LAILUNGA
District	: RAIGARH (C.G.)

Applicant -



**Chhattisgarh Infotech Promotion Society (CHiPS)
Raipur (Chhattisgarh)**

वसुधैव कुटुम्बकम्
धर्मस्य गुरुः नमः

Submitted By -



TATA PROJECTS



Tata Projects Limited, Raipur (Chhattisgarh)

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1. Introduction and Background

1.1. Background

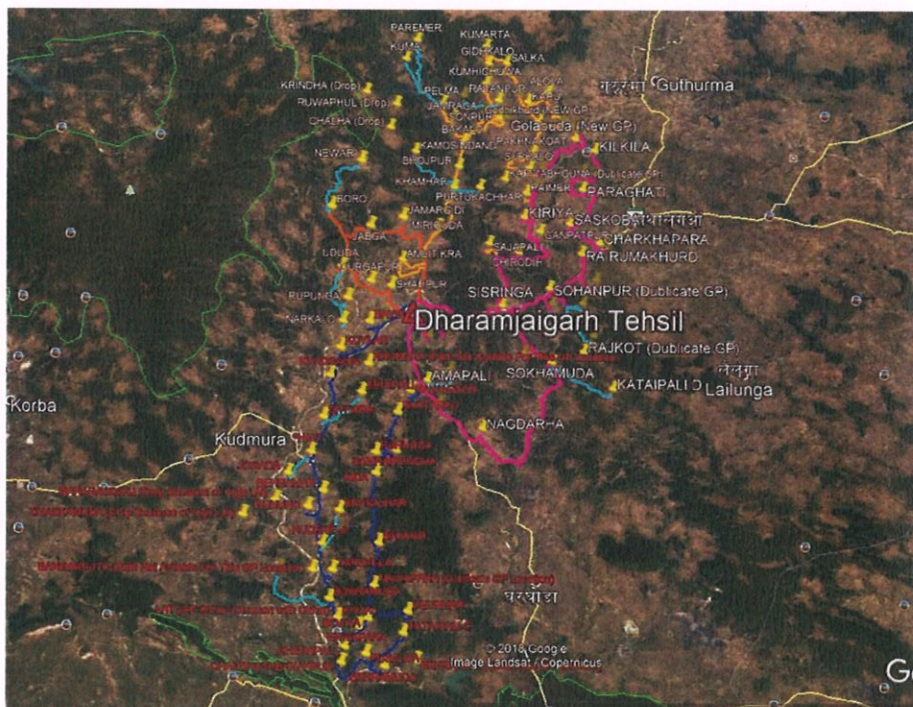
The Government of Chhattisgarh intends to setup an Optical Fibre Cable Network from the Block Head Quarters to Gram Panchayats to provide high speed broadband connectivity by connecting the 85 Blocks, 5987 Gram Panchayats across the State. The proposed network architecture for BharatNet Phase-II project follows ring architecture with Internet Protocol – Multi Protocol Label Switching (IP-MPLS) technology. The network shall be leveraged to deliver scalable bandwidth to households, institutions and enterprises. It is planned to have an IP-MPLS ring at GP level with provisioning of 6 dedicated core of fibre as mandated by Government of India.

The Chhattisgarh Infotech Promotion Society (CHiPS), a Registered Society promoted by the Government of Chhattisgarh, is the nodal agency and prime mover for propelling IT growth and implementation of IT plans in the State.

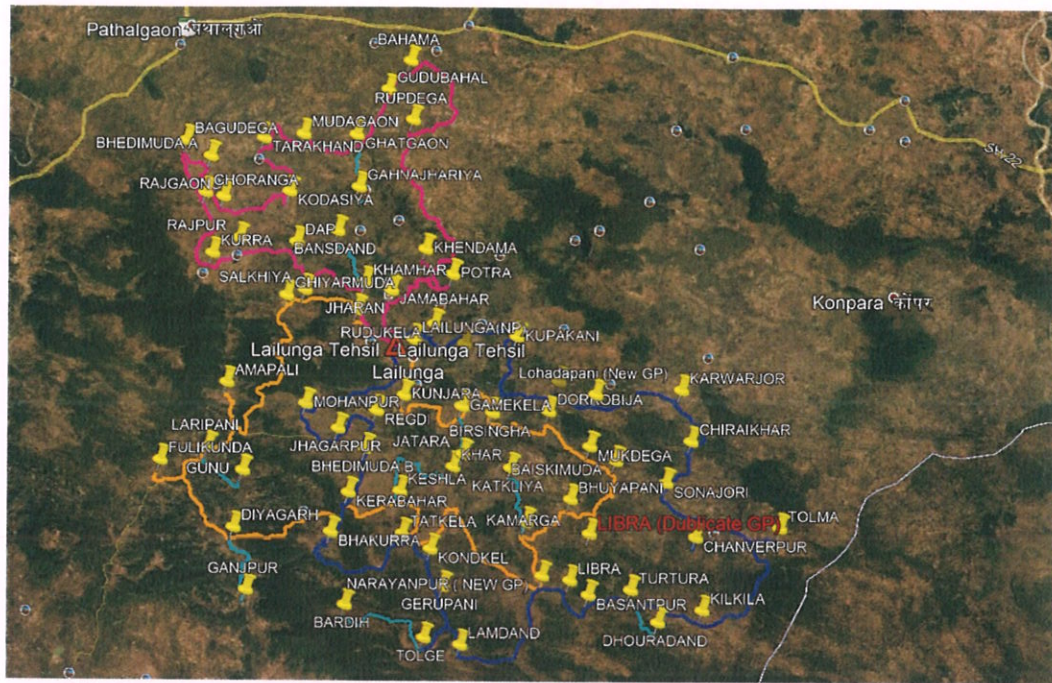
The Chhattisgarh Infotech Promotion Society (CHiPS) has selected an implementation partner **“Tata Project Limited”** for BharatNet Phase-II Project. The project has been conceived with the ambitious vision of providing connectivity to the yet unreachable blocks in Chhattisgarh and entails massive investment on the infrastructure creation across the state which would serve as the information highway for decades to come.

1.2. Proposed Routes

The proposed routes in Dharamjaigarh and Lailunga block with in Dharamjaigarh Forest Division.



OFC Cable Proposed Routes in Dharamjaigarh Block in Dharamjaigarh Forest Division.



OFC Cable Proposed Routes in Lailunga Block in Dharamjaigarh Forest Division.

1.3. Location

The proposed OFC Cable route in Dharamjaigarh Forest Division (The OFC route Dharamjaigarh and Lailunga Block; District: Raigarh). The Proposed OFC route length is approx. 640.608 Km in Dharamjaigarh and Lailunga 351.657 km Block hence Total route lengths is 992.265 km. The survey site passes through forest ranges Bakaruma, Boro, Dharamjaigarh, Kapu and Lailunga, Dharamjaigarh Forest Division. The OFC Cable route is covered under Survey of India Toposheets 64 N02, 64 N03, 64 N04, 64 N06, 64 N07, 64 N10, 64 N1, and 64 N12 and 64 N15, on RF 1:50000.

1.4. Objectives

As per directives of Ministry of Environment & Forests (MoEF) dated 8th July 2011; all applications for Forest Diversion, under Forest Conservation Act, 1980 must be accompanied with Geo-referenced shape file, showing the boundary of the proposed area (both soft copy and hard copy maps), prepared using LiDAR/Differential GPS (DGPS) and the same should be uploaded to MoEF website along with the online application.

To meet this requirement, **Tata Project Limited** entrusted the DGPS survey work to **Genesys International Corporation Limited, Mumbai** through Mobile LiDAR Technology.

2. Scope of Work

1. Establishment of Ground Control Pointy with 72 Hours observation which covering approx. 15 km radios of the proposed route.
2. DGPS Survey for collection of ground coordinates along the proposed OFC Cable trench at every 200 m interval and/or at every turn/bend along the proposed trench. The DGPS data is collected at forest patches only.
3. Data processing and Interpretation
 - I. Geo-referencing of SOI Toposheet (scale 1:50000).
 - II. Creation of OFC Cable trench boundary vector map using the DGPS Surveyed data
 - III. Computation of Forest area and preparation of Forest Area Statement for proposed diversion. It includes Reserved/Protected Forest/ Orange Area & Revenue Forest Land.
 - IV. Preparation of Geo-referenced map showing proposed OFC Route.
 - V. Superimposition of cable route layer on Geo-referenced SOI Toposheet (scale 1:50000).
 - VI. Preparation of DGPS survey report along with soft copy of maps including shapefile format and kml file.
4. Preparation of Desired report, Geo-referenced maps and Technical compliance in Hard copy and soft copy.

3. Deliverables

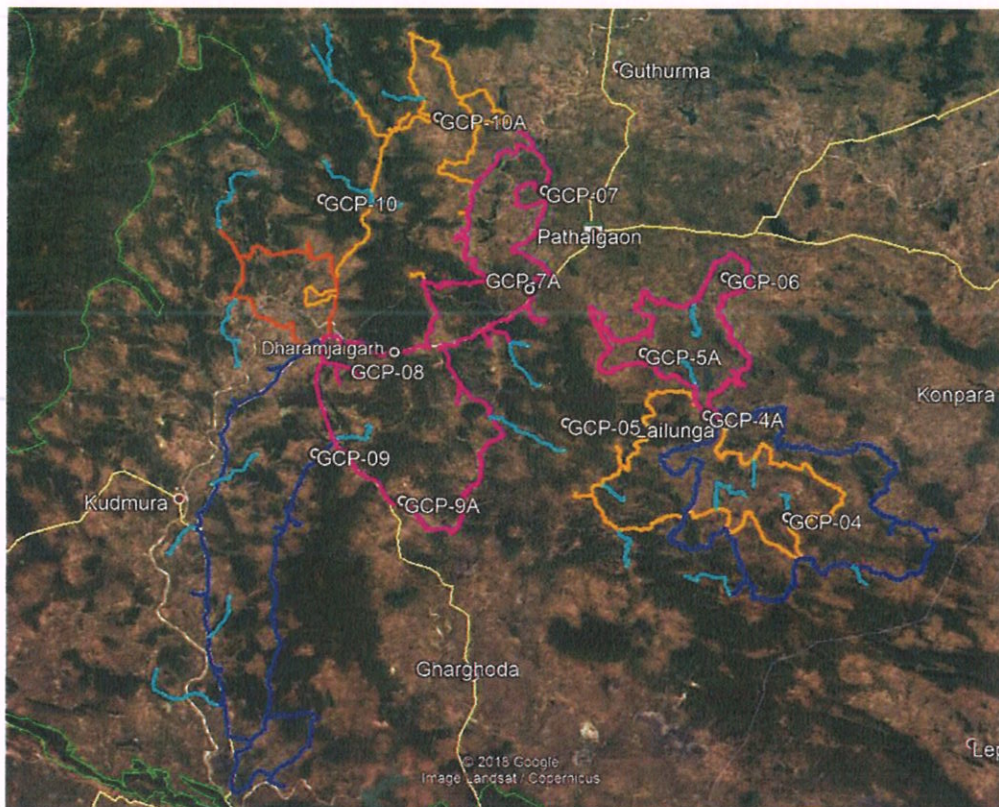
The deliverables envisaged for the assignment are described below -

1. Proposed Forest Diversion area statement as per LiDAR / DGPS Survey of proposed OFC route.
2. Geo-referenced map showing proposed OFC route in forest area and superimposed on SOI maps based on LiDAR / DGPS observations – Hard and Soft Copy (Maps in PDF format, SHP and KML formats).
3. LiDAR / DGPS Survey and Mapping Reports containing Ground Control Points report as the primary Control Points.
4. DGPS Survey and mapping report on hard copy and soft copy in CD.

4. Technical Approach

4.1. GCP Establishment for LiDAR (DGPS) Survey:

DGPS Survey with high precision equipment was used in blocks to bring mapping in to a single co-ordinates system. These Ground Control Point (GCPs) were connected to the Mobile LiDAR Mapping for accuracy purpose. The Ground Control Point required for eliminates the traditional mapping. The system can achieve millimeter accuracy of vehicle positioning, 3-D coordinates, and objects measured from the Geo-referenced image sequences. The Ground Control Point with 72 Hours of DGPS observation for Post Processing the GCP data with International GNSS Service (IGS) stations.



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- when it has to be right



GNSS Processing Report - Summary

Report created: 05/26/2019 18:47:29

Project Details

General		Customer Details		Master Coordinate System	
Project Name:	CHIPS	Customer Name:	-	Coordinate System Name:	UTM48N
Owner:	SANDEEP INTERNATIONAL CORPORATION LIMITED	Contact Person:	-	Transformation Type:	Classical AD
Lead Surveyor:	-	Number:	-	Residual Distribution:	None
Date Created:	05/21/2019 14:21:05	Email:	-	Ellipsoid:	WGS 1984
Last Accessed:	05/21/2019 14:21:05	Skype:	-	Projection Type:	UTM
Application Software:	Infinity 3.3	Website:	-	Spheroid Model:	EGM_2008
Path:	GRUNDFITZ PROJECT\CHIPS\CHIPS.gpx				
Size:	5,265.3 kb				
Comments:	-				

SPP Point: 9453Base_1

Processing Parameters (05/26/2019 04:43:28 - 05/26/2019 12:53:14)

Date	Selected	Used	Comments
Cut-Off Angle:	15°	15°	
Frequency:	Automatic	L1/L2/L3/L4	
Sampling Rate:	Use AB	1 sec	
Satellite System:	GPS/GLONASS/BDS	GPS/GLONASS/BDS	
Ephemeric Type:	Broadcast	Broadcast	
Antenna Calibration Set:	Leica Relative	Leica Relative	

Processing Strategy		
Solution Type:	Phase Fixed	Navigation
Solution Optimization:	Automatic	None
Frequency to use in Ionosphere Model:	Automatic	Automatic
Ionospheric Model:	VMF with GPT2 model	VMF with GPT2 model
Geographic Model:	Automatic	Computed
Allow Wildcard File:	Automatic	No

General Settings	
Min. Distance for Base Minimum:	15 km
Possible Ambiguities Fix up to:	300 km
Min. Duration for Fix:	00:00:01
Solution (static):	

Results SPP Point: 9453Base_1

Acquisition

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Duration: 08:09:46

Antenna

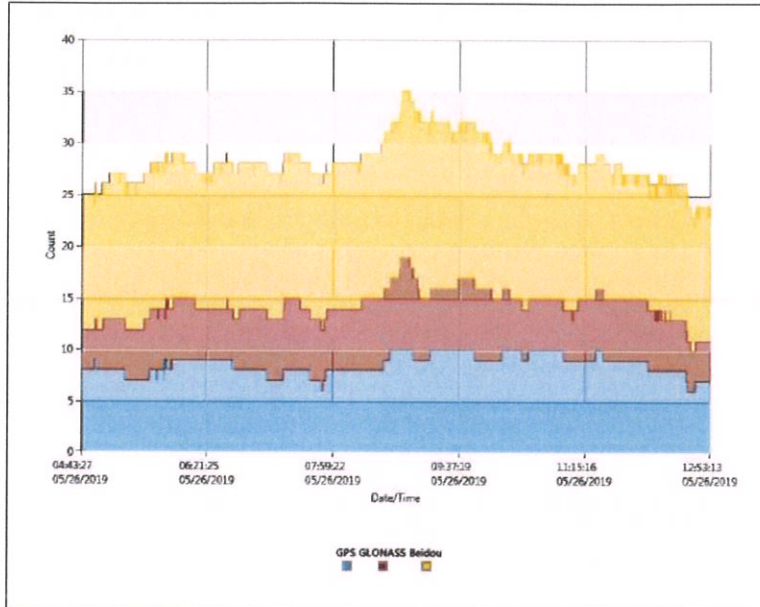
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Antenna Name / ID: LEICA516 / -
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Height Reading: 1.2500 m
Antenna Height: 1.8100 m

Chhattisgarh BharatNet Phase-II Project

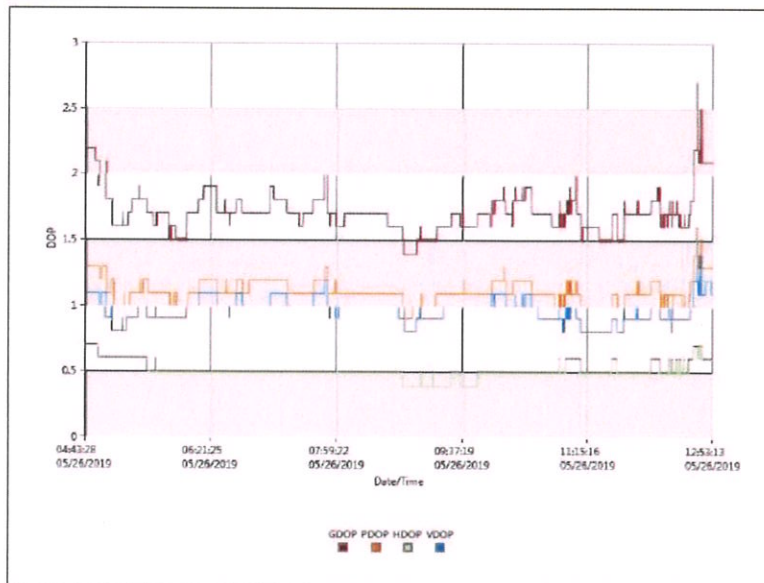
Processing Info (05/26/2019 04:43:28 - 05/26/2019 12:53:14)

Processed Date/Time: 07/31/2019 19:38:23

SVs Tracked



DOP



List of GCP's –

Sr.No	District	GCP No.	Latitude (D:M:S)	Longitude(D:M:S)	Easting	Northing
1	Raigarh	GCP-04	N22°18'38.42887"	E83°38'29.17128"	772122.522	2469597.384
2	Raigarh	GCP-4A	N22°23'55.28391"	E83°34'00.31415"	764258.705	2479213.957
3	Raigarh	GCP-05	N22°23'31.85087"	E83°26'08.13273"	750760.761	2478268.115
4	Raigarh	GCP-5A	N22°27'10.53774"	E83°30'28.57649"	758100.155	2485119.375
5	Raigarh	GCP-06	N22°31'05.35016"	E83°35'01.63095"	765784.991	2492477.224
6	Raigarh	GCP-07	N22°35'33.99451"	E83°24'54.21882"	748287.496	2500452.494
7	Raigarh	GCP-7A	N22°30'28.16077"	E83°24'03.83918"	746999.479	2491019.536
8	Raigarh	GCP-08	N22°27'10.81358"	E83°16'32.43277"	734187.741	2484746.392
9	Raigarh	GCP-09	N22°21'54.53029"	E83°12'09.63533"	726815.437	2474904.063
10	Raigarh	GCP-9A	N22°19'28.17577"	E83°17'01.72044"	735241.476	2470526.057
11	Raigarh	GCP-10	N22°35'05.44870"	E83°12'31.21863"	727074.269	2499245.075
12	Raigarh	GCP-10A	N22°39'20.19934"	E83°18'56.70510"	737965.405	2507249.886

4.2. Mobile LiDAR (DGPS) data collection:

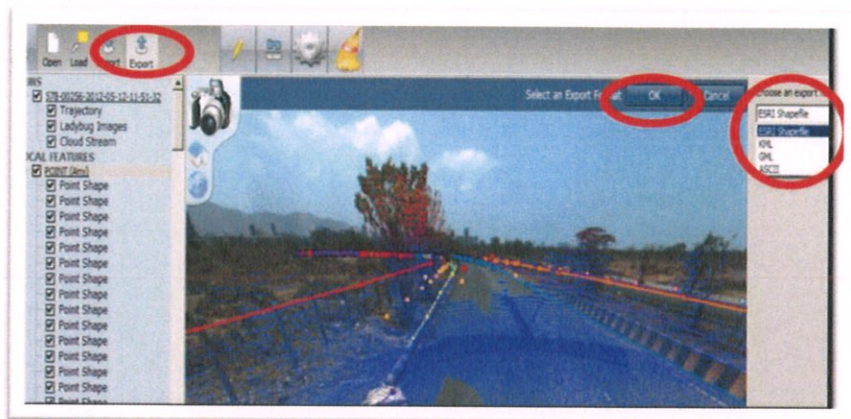
DGPS based Mobile LiDAR data was collected along with 360 degree panoramic view of the OFC route corridor (25 meter on each side along the center of the road).



Mobile LiDAR Van

4.3. DRS / GIS Map Creation Using LiDAR data:

All the features along the route are captured using LiDAR data and Panoramic Imagery to create the DRS / GIS Map.



Feature Extraction on LiDAR



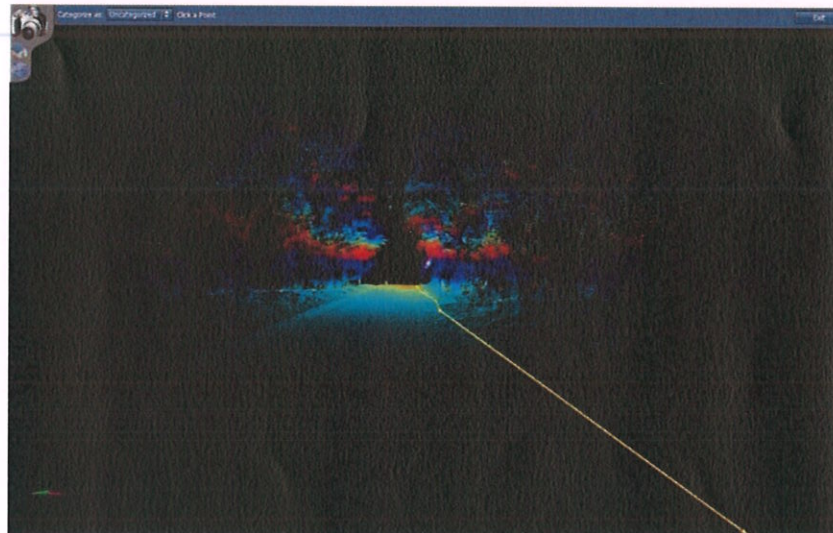
Final DRS / GIS Map

4.4. Demarcation of Proposed OFC on LiDAR data:

Proposed OFC line is demarcated based on the feasibility of trenching to be done on ground by referring the LiDAR data with the panoramic imagery.



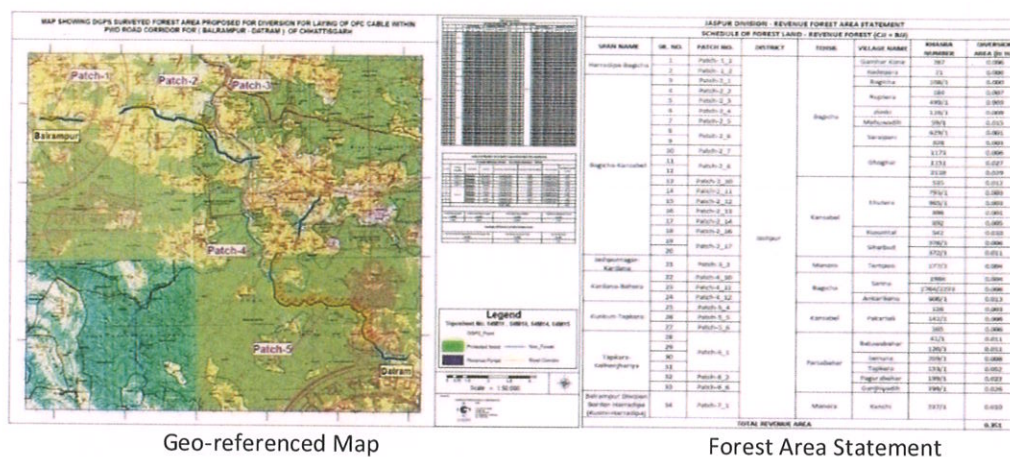
Proposed OFC Line on LiDAR Data (with Panoramic Imagery)



Proposed OFC Line on LiDAR Data only

4.7. Generation of Map and Survey Reports for Forest Diversion

A map is created by overlaying the created vector data for the forest patches on the Geo-referenced SOI Toposheets. The reports are generated for DGPS Points (with Lat/long) placed at the regular intervals of 100 m on the proposed OFC route in the forest area. Another report is generated having area calculation for the proposed trench area in different type of Forest Lands. Samples of these are as below.



5. DGPS Survey Results

The total OFC route length is approx. 992.265 km. covered Dharamjaigarh and Lailunga Block of Raigarh District. Out of this 645.677 km OFC route length is passing through non-forest Land and 346.588 km OFC route length is passing through Forest Patches hence the proposed forest area for diversion 17.329 Ha. Forest Area Statement Report is in Annexure-1, and DGPS coordinates and forest patch boundary coordinates is in Annexure-2. The geo-referenced maps are in Annexure -3.

5.1. Forest Area Statement (Annexure-1)

Forest Area Statement –Dharamjaigarh and Lailunga Block with in Dharamjaigarh Forest Division, District – Raigarh, C.G.						
Total Route Length (in km.)	Length of Non Forest Land (in km)	Width of Non Forest Land (in km)	Area of Non-Forest Land (in Ha.)	Length of Forest Land (in km.)	Width of Forest Land (in km.)	Area of Proposed Forest Land (in Ha.)
992.265	645.677	0.0005	32.284	346.588	0.0005	17.329

Dharamjaigarh Forest Division – Total Forest Area for Diversion Proposal						
Sl. No.	Forest Division	Forest range	No of Compartment	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
1	Dharamjaigarh	Lailunga	75	96209.889	0.5	4.811
2	Dharamjaigarh	Bakaruma	24	67527.483	0.5	3.376
3	Dharamjaigarh	Kapu	13	16049.88	0.5	0.802
4	Dharamjaigarh	Boro	22	29065.184	0.5	1.453
5	Dharamjaigarh	Chhal	41	52146.424	0.5	2.607
6	Dharamjaigarh	Dharamjaigarh	36	77450.395	0.5	3.873
Total of Table A				338449.255	0.5	16.922
Sl. No.	District	Block	No of Khasra	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
1	Raigarh	Dharamjaiga	24	7290.505	0.5	0.365
2	Raigarh	Lailunga	7	848.646	0.5	0.042
Total of Table B			31	8139.151	0.5	0.407
Total Diversion Area (Table A+TableB)				346588.406	0.5	17.329

Chhattisgarh BharatNet Phase-II Project

Table A - Area statement for proposed forest Patches -- Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
1	1	Lailunga	Dharamjaigarh	Chiraihar To Karwarjor	Lailunga	RF	255	1767.978	0.5	0.088
2	2	Lailunga	Dharamjaigarh	Chanverpur To Sonajori	Lailunga	PF	257P	1132.280	0.5	0.057
3	3	Lailunga	Dharamjaigarh	Tolma To Kilila	Lailunga	RF	286	2713.683	0.5	0.136
4	4	Lailunga	Dharamjaigarh	Dhouradand To Turtura	Lailunga	PF	279P	989.428	0.5	0.049
5	5	Lailunga	Dharamjaigarh	Lamdand To Narayanpur	Lailunga	PF	271P	233.576	0.5	0.012
6	5	Lailunga	Dharamjaigarh	Lamdand To Narayanpur	Lailunga	RF	280P	1331.059	0.5	0.067
7	6	Lailunga	Dharamjaigarh	Lamdand To Narayanpur	Lailunga	RF	347	1803.267	0.5	0.090
8	7	Lailunga	Dharamjaigarh	Bardih To Tolge	Lailunga	PF	336P	1392.434	0.5	0.070
9	7	Lailunga	Dharamjaigarh	Lamdand To Gerupani	Lailunga	PF	328P	368.010	0.5	0.018
10	7	Lailunga	Dharamjaigarh	Lamdand To Gerupani	Lailunga	PF	329P	3133.373	0.5	0.157
11	7	Lailunga	Dharamjaigarh	Lamdand To Gerupani	Lailunga	PF	330P	254.156	0.5	0.013
12	7	Lailunga	Dharamjaigarh	Lamdand To Gerupani	Lailunga	PF	335P	359.187	0.5	0.018
13	7	Lailunga	Dharamjaigarh	Lamdand To Narayanpur	Lailunga	PF	330P	1338.951	0.5	0.067
14	7	Lailunga	Dharamjaigarh	Tolge To Gerupani	Lailunga	PF	329P	554.307	0.5	0.028
15	7	Lailunga	Dharamjaigarh	Tolge To Gerupani	Lailunga	PF	336P	3687.486	0.5	0.184
16	8	Lailunga	Dharamjaigarh	Bardih To Tolge	Lailunga	PF	339P	1029.873	0.5	0.051
17	9	Lailunga	Dharamjaigarh	Gerupani To Khar	Lailunga	PF	267P	169.525	0.5	0.008
18	9	Lailunga	Dharamjaigarh	Gerupani To Khar	Lailunga	PF	268P	678.028	0.5	0.034
19	10	Lailunga	Dharamjaigarh	Bhakurra To Tatkela	Lailunga	RF	316	1393.980	0.5	0.070



Chhattisgarh BharatNet Phase-II Project

Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
20	10	Lailunga	Dharamjaigarh	Bhakurra To Tatkela	Lailunga	RF	319	2351.697	0.5	0.118
21	10	Lailunga	Dharamjaigarh	Bhakurra To Tatkela	Lailunga	RF	320	209.822	0.5	0.010
22	10	Lailunga	Dharamjaigarh	Bhakurra To Tatkela	Lailunga	PF	309P	674.299	0.5	0.034
23	10	Lailunga	Dharamjaigarh	Bhakurra To Tatkela	Lailunga	PF	310P	1320.882	0.5	0.066
24	11	Lailunga	Dharamjaigarh	Keshla To Kerabahar	Lailunga	PF	265P	1089.421	0.5	0.054
25	11	Lailunga	Dharamjaigarh	Keshla To Kerabahar	Lailunga	PF	266P	184.807	0.5	0.009
26	11	Lailunga	Dharamjaigarh	Laripani To Kerabahar	Lailunga	RF	315	3540.732	0.5	0.177
27	11	Lailunga	Dharamjaigarh	Laripani To Kerabahar	Lailunga	PF	307P	1360.184	0.5	0.068
28	12	Lailunga	Dharamjaigarh	Ganjpur To Diyagarh	Lailunga	RF	320	967.667	0.5	0.048
29	12	Lailunga	Dharamjaigarh	Laripani To Kerabahar	Lailunga	PF	301	312.094	0.5	0.016
30	12	Lailunga	Dharamjaigarh	Laripani To Kerabahar	Lailunga	PF	300P	4457.035	0.5	0.223
31	12	Lailunga	Dharamjaigarh	Laripani To Kerabahar	Lailunga	PF	302P	762.529	0.5	0.038
32	13	Lailunga	Dharamjaigarh	Ganjpur To Diyagarh	Lailunga	RF	294	1255.439	0.5	0.063
33	13	Lailunga	Dharamjaigarh	Laripani To Amapali	Lailunga	RF	177	1628.400	0.5	0.081
34	13	Lailunga	Dharamjaigarh	Laripani To Amapali	Lailunga	RF	178	1466.165	0.5	0.073
35	13	Lailunga	Dharamjaigarh	Laripani To Amapali	Lailunga	PF	194P	3321.631	0.5	0.166
36	13	Lailunga	Dharamjaigarh	Laripani To Kerabahar	Lailunga	RF	291	1657.429	0.5	0.083
37	13	Lailunga	Dharamjaigarh	Laripani To Kerabahar	Lailunga	PF	352	701.916	0.5	0.035
38	13	Lailunga	Dharamjaigarh	Laripani To Kerabahar	Lailunga	PF	290P	6605.855	0.5	0.330



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Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
39	13	Lailunga	Dharamjaigarh	Laripani To Kerabahr	Lailunga	PF	349P	1658.938	0.5	0.083
40	14	Lailunga	Dharamjaigarh	Laripani To Ghiyarmuda	Lailunga	RF	179	2066.749	0.5	0.103
41	14	Lailunga	Dharamjaigarh	Laripani To Ghiyarmuda	Lailunga	RF	180	157.306	0.5	0.008
42	14	Lailunga	Dharamjaigarh	Laripani To Ghiyarmuda	Lailunga	RF	181	1987.732	0.5	0.099
43	14	Lailunga	Dharamjaigarh	Laripani To Ghiyarmuda	Lailunga	RF	183	2371.515	0.5	0.119
44	14	Lailunga	Dharamjaigarh	Laripani To Ghiyarmuda	Lailunga	RF	189	84.706	0.5	0.004
45	15	Lailunga	Dharamjaigarh	Ghiyarmuda To Laripani	Lailunga	RF	188	1013.245	0.5	0.051
46	15	Lailunga	Dharamjaigarh	Ghiyarmuda To Laripani	Lailunga	PF	208P	851.356	0.5	0.043
47	16	Lailunga	Dharamjaigarh	Ghiyarmuda To Jharan	Lailunga	RF	187	3592.171	0.5	0.180
48	16	Lailunga	Dharamjaigarh	Ghiyarmuda To Jharan	Lailunga	PF	209P	830.505	0.5	0.042
49	17	Lailunga	Dharamjaigarh	Dap To Khamhar	Lailunga	RF	211	275.245	0.5	0.014
50	17	Lailunga	Dharamjaigarh	Dap To Khamhar	Lailunga	RF	213	1138.770	0.5	0.057
51	18	Lailunga	Dharamjaigarh	Gahnajhariya To Ghatgaon	Lailunga	PF	216P	802.482	0.5	0.040
52	19	Lailunga	Dharamjaigarh	Potra To Rupdega	Lailunga	PF	221P	873.275	0.5	0.044
53	20	Lailunga	Dharamjaigarh	Jamabahr To Jamabahr	Lailunga	PF	210P	2679.758	0.5	0.135
54	21	Lailunga	Dharamjaigarh	Jhagarpur To Lailunga	Lailunga	RF	186	1623.859	0.5	0.081
55	21	Lailunga	Dharamjaigarh	Jhagarpur To Lailunga	Lailunga	PF	203P	239.103	0.5	0.012
56	21	Lailunga	Dharamjaigarh	Jhagarpur To Lailunga	Lailunga	PF	204P	345.576	0.5	0.017
57	22	Lailunga	Dharamjaigarh	Jhagarpur To Lailunga	Lailunga	PF	201P	617.039	0.5	0.031



Chhattisgarh BharatNet Phase-II Project

Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
58	23	Lailunga	Dharamjaigarh	Keshla To Khar	Lailunga	PF	264P	601.518	0.5	0.030
59	24	Lailunga	Dharamjaigarh	Khar To Bhedimuda	Lailunga	RF	223	579.107	0.5	0.029
60	25	Lailunga	Dharamjaigarh	Khar To Bhedimuda b	Lailunga	PF	263P	1189.401	0.5	0.059
61	27	Lailunga	Dharamjaigarh	Bhuyapani To Baiskimuda	Lailunga	PF	259P	598.488	0.5	0.030
62	26	Lailunga	Dharamjaigarh	Katliya To Kamarga	Lailunga	RF	228	183.408	0.5	0.009
63	26	Lailunga	Dharamjaigarh	Katliya To Kamarga	Lailunga	PF	260P	462.451	0.5	0.023
64	28	Lailunga	Dharamjaigarh	Mukdega To Baiskimuda	Lailunga	PF	251P	726.514	0.5	0.036
65	29	Lailunga	Dharamjaigarh	Dorrobija To Mukdega	Lailunga	PF	250	1596.861	0.5	0.080
66	30	Lailunga	Dharamjaigarh	Birsingha To Dorrobija	Lailunga	RF	226	1071.932	0.5	0.054
67	30	Lailunga	Dharamjaigarh	Birsingha To Dorrobija	Lailunga	PF	242P	1121.745	0.5	0.056
68	31	Lailunga	Dharamjaigarh	Gamekela To Birsingha	Lailunga	RF	224	761.353	0.5	0.038
69	31	Lailunga	Dharamjaigarh	Gamekela To Birsingha	Lailunga	PF	238P	810.599	0.5	0.041
70	31	Lailunga	Dharamjaigarh	Gamekela To Birsingha	Lailunga	PF	239P	805.428	0.5	0.040
71	31	Lailunga	Dharamjaigarh	Gamekela To Birsingha	Lailunga	PF	240P	309.234	0.5	0.015
72	32	Lailunga	Dharamjaigarh	Kunjara To Gamekela	Lailunga	RF	223	1442.997	0.5	0.072
73	32	Lailunga	Dharamjaigarh	Kunjara To Gamekela	Lailunga	PF	237P	228.404	0.5	0.011
74	32	Lailunga	Dharamjaigarh	Kupakani To Jharama	Lailunga	RF	225	1871.265	0.5	0.094
75	32	Lailunga	Dharamjaigarh	Kupakani To Jharama	Lailunga	PF	241P	441.269	0.5	0.022
Total-							75	96209.889	0.5	4.811



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Table A - Area statement for proposed forest Patches - Protected / Reserve / Orange Area										
Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
76	33	Dharamjaigarh	Dharamjaigarh	Kataipali d To Sokhamuda	Bakaruma	PF	128P	1137.986	0.5	0.057
77	34	Dharamjaigarh	Dharamjaigarh	Sokhamuda To Sohanpur	Bakaruma	RF	139	1030.408	0.5	0.052
78	34	Dharamjaigarh	Dharamjaigarh	Sokhamuda To Sohanpur	Bakaruma	RF	144	2746.767	0.5	0.137
79	34	Dharamjaigarh	Dharamjaigarh	Sokhamuda To Sohanpur	Bakaruma	PF	147P	997.645	0.5	0.050
80	34	Dharamjaigarh	Dharamjaigarh	Sokhamuda To Sohanpur	Bakaruma	PF	148P	4900.731	0.5	0.245
81	34	Dharamjaigarh	Dharamjaigarh	Sokhamuda To Sohanpur	Bakaruma	PF	149P	1561.271	0.5	0.078
82	34	Dharamjaigarh	Dharamjaigarh	Sokhamuda To Sohanpur	Bakaruma	PF	150P	3408.824	0.5	0.170
83	35	Dharamjaigarh	Dharamjaigarh	Sohanpur To Dhourabhata	Bakaruma	RF	105	614.537	0.5	0.031
84	35	Dharamjaigarh	Dharamjaigarh	Sohanpur To Dhourabhata	Bakaruma	RF	131	966.741	0.5	0.048
85	35	Dharamjaigarh	Dharamjaigarh	Sohanpur To Rajkot	Bakaruma	RF	113	704.537	0.5	0.035
86	35	Dharamjaigarh	Dharamjaigarh	Sohanpur To Rajkot	Bakaruma	RF	129	1873.068	0.5	0.094
87	35	Dharamjaigarh	Dharamjaigarh	Sohanpur To Rajkot	Bakaruma	PF	123P	1244.043	0.5	0.062
88	35	Dharamjaigarh	Dharamjaigarh	Sohanpur To Rajkot	Bakaruma	PF	130P	6278.662	0.5	0.314
89	35	Dharamjaigarh	Dharamjaigarh	Sokhamuda To Sohanpur	Bakaruma	PF	130P	6249.399	0.5	0.312
90	36	Dharamjaigarh	Dharamjaigarh	Sohanpur To Dhourabhata	Bakaruma	PF	103P	1063.225	0.5	0.053
91	36	Dharamjaigarh	Dharamjaigarh	Sohanpur To Dhourabhata	Bakaruma	PF	108P	426.217	0.5	0.021
92	37	Dharamjaigarh	Dharamjaigarh	Sohanpur To Dhourabhata	Bakaruma	PF	104P	1031.299	0.5	0.052
93	38	Dharamjaigarh	Dharamjaigarh	Rairumakhurd To Charkhapara	Bakaruma	PF	101P	1222.906	0.5	0.061
94	39	Dharamjaigarh	Dharamjaigarh	Saskoba To Charkhapara	Bakaruma	PF	100P	1923.906	0.5	0.096



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Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
95	78	Dharamjaigarh	Dharamjaigarh	Sisringa To Chirodih	Bakaruma	RF	159	4340.780	0.5	0.217
96	79	Dharamjaigarh	Dharamjaigarh	Ganpatpur To Chirodih	Bakaruma	RF	88	10.177	0.5	0.001
97	79	Dharamjaigarh	Dharamjaigarh	Ganpatpur To Chirodih	Bakaruma	RF	89	13735.007	0.5	0.687
98	79	Dharamjaigarh	Dharamjaigarh	Sajapali To Chirodih	Bakaruma	RF	92	5429.288	0.5	0.271
99	79	Dharamjaigarh	Dharamjaigarh	Sajapali To Chirodih	Bakaruma	PF	93P	4630.059	0.5	0.232
Total-							24	67527.483	0.5	3.376
100	41	Dharamjaigarh	Dharamjaigarh	Kamrai To Golabuda	Kapu	RF	56	1423.841	0.5	0.071
101	41	Dharamjaigarh	Dharamjaigarh	Kamrai To Golabuda	Kapu	PF	57P	188.874	0.5	0.009
102	41	Dharamjaigarh	Dharamjaigarh	Lipti To Kilkila	Kapu	PF	53P	440.130	0.5	0.022
103	42	Dharamjaigarh	Dharamjaigarh	Tonahinara To Godhikhurd	Kapu	RF	55	435.086	0.5	0.022
104	43	Dharamjaigarh	Dharamjaigarh	Salka To Kumarta	Kapu	PF	47P	1773.439	0.5	0.089
105	44	Dharamjaigarh	Dharamjaigarh	Kumhichuwa To Gidhkalo	Kapu	PF	43P	425.719	0.5	0.021
106	44	Dharamjaigarh	Dharamjaigarh	Kumhichuwa To Gidhkalo	Kapu	PF	44P	280.404	0.5	0.014
107	45	Dharamjaigarh	Dharamjaigarh	Kadamdhodhi To Ratanpur	Kapu	RF	33	2969.883	0.5	0.148
108	45	Dharamjaigarh	Dharamjaigarh	Kadamdhodhi To Ratanpur	Kapu	RF	34	333.622	0.5	0.017
109	46	Dharamjaigarh	Dharamjaigarh	Bakalo To Sonpur	Kapu	RF	35	3004.762	0.5	0.150
110	46	Dharamjaigarh	Dharamjaigarh	Bakalo To Sonpur	Kapu	RF	80	211.488	0.5	0.011
111	47	Dharamjaigarh	Dharamjaigarh	Kuma To Paremer	Kapu	RF	42	3206.308	0.5	0.160
112	47	Dharamjaigarh	Dharamjaigarh	Kuma To Paremer	Kapu	PF	39P	1356.324	0.5	0.068



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Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
Total-										
113	48	Dharamjaigarh	Dharamjaigarh	Kuma To Paremer	Boro		13	16049.880	0.5	0.802
114	49	Dharamjaigarh	Dharamjaigarh	Bhojpur To Bakalo	Boro	PF	640	2166.046	0.5	0.108
115	50	Dharamjaigarh	Dharamjaigarh	Kamosindand To Bhojpur	Boro	RF	633P	403.408	0.5	0.020
116	50	Dharamjaigarh	Dharamjaigarh	Kamosindand To Bhojpur	Boro	RF	656	440.215	0.5	0.022
117	50	Dharamjaigarh	Dharamjaigarh	Kamosindand To Bhojpur	Boro	RF	657	888.020	0.5	0.044
118	50	Dharamjaigarh	Dharamjaigarh	Kamosindand To Bhojpur	Boro	RF	658	1214.240	0.5	0.061
119	50	Dharamjaigarh	Dharamjaigarh	Kamosindand To Bhojpur	Boro	RF	659	991.182	0.5	0.050
120	51	Dharamjaigarh	Dharamjaigarh	Kamosindand To Bhojpur	Boro	PF	630P	2454.918	0.5	0.123
121	51	Dharamjaigarh	Dharamjaigarh	Miriguda To Khamhar	Boro	RF	641	922.495	0.5	0.046
122	53	Dharamjaigarh	Dharamjaigarh	Miriguda To Khamhar	Boro	PF	629P	945.613	0.5	0.047
123	53	Dharamjaigarh	Dharamjaigarh	Jabga To Laxmipur	Boro	RF	597	913.950	0.5	0.046
124	53	Dharamjaigarh	Dharamjaigarh	Jabga To Laxmipur	Boro	PF	598	2063.660	0.5	0.103
125	53	Dharamjaigarh	Dharamjaigarh	Jabga To Laxmipur	Boro	PF	599P	1006.400	0.5	0.050
126	53	Dharamjaigarh	Dharamjaigarh	Jabga To Laxmipur	Boro	PF	600P	1265.227	0.5	0.063
127	53	Dharamjaigarh	Dharamjaigarh	Ududa To Boro	Boro	PF	608P	2484.054	0.5	0.124
128	53	Dharamjaigarh	Dharamjaigarh	Ududa To Boro	Boro	PF	609P	2358.828	0.5	0.118
129	53	Dharamjaigarh	Dharamjaigarh	Ududa To Boro	Boro	PF	610P	145.308	0.5	0.007
129	53	Dharamjaigarh	Dharamjaigarh	Ududa To Jabga	Boro	PF	604P	1392.989	0.5	0.070
130	54	Dharamjaigarh	Dharamjaigarh	Boro To Newar	Boro	RF	648	2579.548	0.5	0.129

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Table A - Area statement for proposed forest Patches - Protected /Reserve/Orange Area

Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
131	54	Dharamjaigarh	Dharamjaigarh	Boro To Newar	Boro	PF	606P	1636.882	0.5	0.082
132	54	Dharamjaigarh	Dharamjaigarh	Boro To Newar	Boro	PF	612P	730.880	0.5	0.037
133	54	Dharamjaigarh	Dharamjaigarh	Boro To Newar	Boro	PF	617P	1542.635	0.5	0.077
134	54	Dharamjaigarh	Dharamjaigarh	Boro To Newar	Boro	PF	618P	518.686	0.5	0.026
Total-								29065.184	0.5	1.453
135	61	Dharamjaigarh	Dharamjaigarh	Sithara To Khadgaon	Chhal	PF	591P	1241.409	0.5	0.062
136	61	Dharamjaigarh	Dharamjaigarh	Sithara To Khadgaon	Chhal	PF	592P	1002.025	0.5	0.050
137	62	Dharamjaigarh	Dharamjaigarh	Sithara To Semipali	Chhal	PF	590P	1447.085	0.5	0.072
138	62	Dharamjaigarh	Dharamjaigarh	Sithara To Semipali	Chhal	PF	591P	1876.766	0.5	0.094
139	63	Dharamjaigarh	Dharamjaigarh	Hati To Sithara	Chhal	PF	554	1716.784	0.5	0.086
140	64	Dharamjaigarh	Dharamjaigarh	Behramar To Hati	Chhal	PF	548P	1113.691	0.5	0.056
141	64	Dharamjaigarh	Dharamjaigarh	Behramar To Hati	Chhal	PF	552P	1230.210	0.5	0.062
142	64	Dharamjaigarh	Dharamjaigarh	Behramar To Hati	Chhal	PF	553P	467.814	0.5	0.023
143	65	Dharamjaigarh	Dharamjaigarh	Kudekela To Bansajhar	Chhal	RF	535	444.104	0.5	0.022
144	65	Dharamjaigarh	Dharamjaigarh	Kudekela To Bansajhar	Chhal	PF	538P	3047.608	0.5	0.151
145	65	Dharamjaigarh	Dharamjaigarh	Kudekela To Behramar	Chhal	PF	538P	694.682	0.5	0.035
146	65	Dharamjaigarh	Dharamjaigarh	Kudekela To Behramar	Chhal	PF	539P	2092.158	0.5	0.105
147	65	Dharamjaigarh	Dharamjaigarh	Kudekela To Behramar	Chhal	PF	540P	1185.934	0.5	0.059
148	65	Dharamjaigarh	Dharamjaigarh	Kudekela To Behramar	Chhal	PF	547P	869.941	0.5	0.043



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Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
149	66	Dharamjaigarh	Dharamjaigarh	Tarekela To Bokramuda	Chhal	RF	510	1065.922	0.5	0.053
150	66	Dharamjaigarh	Dharamjaigarh	Tarekela To Bokramuda	Chhal	PF	507P	3164.893	0.5	0.158
151	66	Dharamjaigarh	Dharamjaigarh	Tarekela To Bokramuda	Chhal	PF	509P	1089.922	0.5	0.054
152	67	Dharamjaigarh	Dharamjaigarh	Chandrashekharpur To Chhal	Chhal	PF	478	1485.074	0.5	0.074
153	68	Dharamjaigarh	Dharamjaigarh	Ududa To Boro	Chhal	RF	477	2915.747	0.5	0.146
154	69	Dharamjaigarh	Dharamjaigarh	Deurmar To Nawapara	Chhal	RF	497	2343.398	0.5	0.116
155	69	Dharamjaigarh	Dharamjaigarh	Deurmar To Nawapara	Chhal	RF	515	2284.072	0.5	0.114
156	69	Dharamjaigarh	Dharamjaigarh	Deurmar To Nawapara	Chhal	RF	516	116.751	0.5	0.008
157	69	Dharamjaigarh	Dharamjaigarh	Deurmar To Nawapara	Chhal	PF	492P	289.811	0.5	0.014
158	69	Dharamjaigarh	Dharamjaigarh	Deurmar To Nawapara	Chhal	RF	495P	933.372	0.5	0.047
159	69	Dharamjaigarh	Dharamjaigarh	Deurmar To Nawapara	Chhal	PF	503P	643.121	0.5	0.032
160	69	Dharamjaigarh	Dharamjaigarh	Deurmar To Nawapara	Chhal	PF	504P	1956.171	0.5	0.098
161	69	Dharamjaigarh	Dharamjaigarh	Kataipali c To Deurmar	Chhal	RF	493	649.963	0.5	0.032
162	69	Dharamjaigarh	Dharamjaigarh	Kataipali c To Deurmar	Chhal	PF	484P	243.903	0.5	0.012
163	70	Dharamjaigarh	Dharamjaigarh	Nawapara To Banhar	Chhal	RF	517	444.087	0.5	0.022
164	70	Dharamjaigarh	Dharamjaigarh	Nawapara To Banhar	Chhal	PF	525P	4648.995	0.5	0.232
165	71	Dharamjaigarh	Dharamjaigarh	Banhar To Kida	Chhal	RF	532	1303.269	0.5	0.065
166	71	Dharamjaigarh	Dharamjaigarh	Banhar To Kida	Chhal	RF	573	719.879	0.5	0.036
167	71	Dharamjaigarh	Dharamjaigarh	Banhar To Kida	Chhal	RF	574	891.564	0.5	0.045



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Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
168	71	Dharamjaigarh	Dharamjaigarh	Banhar To Kida	Chhal	PF	528P	491.314	0.5	0.025
169	71	Dharamjaigarh	Dharamjaigarh	Banhar To Kida	Chhal	PF	529P	1010.900	0.5	0.051
170	71	Dharamjaigarh	Dharamjaigarh	Banhar To Kida	Chhal	PF	530P	860.813	0.5	0.043
171	72	Dharamjaigarh	Dharamjaigarh	Banhar To Kida	Chhal	PF	566P	292.023	0.5	0.015
172	72	Dharamjaigarh	Dharamjaigarh	Kida To Bartapali	Chhal	RF	564	1110.698	0.5	0.056
173	72	Dharamjaigarh	Dharamjaigarh	Kida To Bartapali	Chhal	RF	565	675.546	0.5	0.034
174	72	Dharamjaigarh	Dharamjaigarh	Kida To Bartapali	Chhal	RF	589	1394.838	0.5	0.070
175	72	Dharamjaigarh	Dharamjaigarh	Kida To Bartapali	Chhal	PF	559P	690.167	0.5	0.035
Total-							41	52146.424	0.5	2.607
176	52	Dharamjaigarh	Dharamjaigarh	Jabga To Laxmipur	Dharamjaigarh	PF	353P	260.775	0.5	0.013
177	52	Dharamjaigarh	Dharamjaigarh	Jabga To Laxmipur	Dharamjaigarh	PF	354P	1054.954	0.5	0.053
178	53	Dharamjaigarh	Dharamjaigarh	Ududa To Boro	Dharamjaigarh	RF	475	545.955	0.5	0.027
179	53	Dharamjaigarh	Dharamjaigarh	Ududa To Boro	Dharamjaigarh	PF	469P	1695.913	0.5	0.085
180	53	Dharamjaigarh	Dharamjaigarh	Ududa To Boro	Dharamjaigarh	PF	470P	1764.261	0.5	0.088
181	53	Dharamjaigarh	Dharamjaigarh	Ududa To Jabga	Dharamjaigarh	RF	475	2664.115	0.5	0.133
182	55	Dharamjaigarh	Dharamjaigarh	Ududa To Durgapur	Dharamjaigarh	PF	467P	1078.576	0.5	0.054
183	56	Dharamjaigarh	Dharamjaigarh	Narkalo To Ududa	Dharamjaigarh	PF	467P	418.759	0.5	0.021
184	57	Dharamjaigarh	Dharamjaigarh	Narkalo To Ududa	Dharamjaigarh	PF	466P	819.605	0.5	0.041
185	58	Dharamjaigarh	Dharamjaigarh	Narkalo To Ududa	Dharamjaigarh	PF	458P	2332.250	0.5	0.117

Chhattisgarh BharatNet Phase-II Project

Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
186	59	Dharamjaigarh	Dharamjaigarh	Narkalo To Ududa	Dharamjaigarh	RF	459	1570.133	0.5	0.079
187	60	Dharamjaigarh	Dharamjaigarh	Khadgaon To Baysi	Dharamjaigarh	PF	476P	5706.233	0.5	0.285
188	72	Dharamjaigarh	Dharamjaigarh	Kida To Bartapali	Dharamjaigarh	PF	440	594.648	0.5	0.030
189	72	Dharamjaigarh	Dharamjaigarh	Kida To Bartapali	Dharamjaigarh	RF	441	1058.560	0.5	0.053
190	73	Dharamjaigarh	Dharamjaigarh	Bartapali To nawagaon	Dharamjaigarh	PF	447P	1206.472	0.5	0.060
191	74	Dharamjaigarh	Dharamjaigarh	Gersha To Nagdarha	Dharamjaigarh	PF	415P	1463.135	0.5	0.073
192	75	Dharamjaigarh	Dharamjaigarh	Gersha To Nagdarha	Dharamjaigarh	PF	421P	1648.258	0.5	0.082
193	75	Dharamjaigarh	Dharamjaigarh	Gersha To Nagdarha	Dharamjaigarh	PF	422P	900.568	0.5	0.045
194	76	Dharamjaigarh	Dharamjaigarh	Amapali To Dharamjaigarh	Dharamjaigarh	PF	364	810.361	0.5	0.041
195	76	Dharamjaigarh	Dharamjaigarh	Amapali To Dharamjaigarh	Dharamjaigarh	RF	365	1701.076	0.5	0.085
196	76	Dharamjaigarh	Dharamjaigarh	Amapali To Dharamjaigarh	Dharamjaigarh	RF	368	4653.817	0.5	0.233
197	76	Dharamjaigarh	Dharamjaigarh	Amapali To Dharamjaigarh	Dharamjaigarh	RF	371	3944.469	0.5	0.197
198	76	Dharamjaigarh	Dharamjaigarh	Amapali To Dharamjaigarh	Dharamjaigarh	PF	378	974.081	0.5	0.049
199	76	Dharamjaigarh	Dharamjaigarh	Amapali To Dharamjaigarh	Dharamjaigarh	PF	379	854.068	0.5	0.043
200	76	Dharamjaigarh	Dharamjaigarh	Amapali To Dharamjaigarh	Dharamjaigarh	PF	362P	4738.303	0.5	0.237
201	76	Dharamjaigarh	Dharamjaigarh	Amapali To Potiya	Dharamjaigarh	PF	380P	623.618	0.5	0.031
202	76	Dharamjaigarh	Dharamjaigarh	Dharamjaigarh To Ongana	Dharamjaigarh	PF	363	1854.325	0.5	0.093
203	76	Dharamjaigarh	Dharamjaigarh	Dharamjaigarh To Ongana	Dharamjaigarh	PF	383P	2657.277	0.5	0.133
204	76	Dharamjaigarh	Dharamjaigarh	Dharamjaigarh To Ongana	Dharamjaigarh	PF	384P	5837.581	0.5	0.292



Chhattisgarh BharatNet Phase-II Project

Table A - Area statement for proposed forest patches – Protected / Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
205	76	Dharamjaigarh	Dharamjaigarh	Nawagaon To Gersha	Dharamjaigarh	PF	375P	4119.865	0.5	0.206
206	76	Dharamjaigarh	Dharamjaigarh	Nawagaon To Gersha	Dharamjaigarh	PF	380P	2264.639	0.5	0.113
207	77	Dharamjaigarh	Dharamjaigarh	Dharamjaigarh To Sisinga	Dharamjaigarh	RF	388	5149.641	0.5	0.257
208	77	Dharamjaigarh	Dharamjaigarh	Dharamjaigarh To Sisinga	Dharamjaigarh	RF	389	7284.769	0.5	0.364
209	77	Dharamjaigarh	Dharamjaigarh	Dharamjaigarh To Sisinga	Dharamjaigarh	RF	390	603.246	0.5	0.030
210	77	Dharamjaigarh	Dharamjaigarh	Dharamjaigarh To Sisinga	Dharamjaigarh	RF	391	314.767	0.5	0.016
211	82	Dharamjaigarh	Dharamjaigarh	Laxmipur To Dharamjaigarh	Dharamjaigarh	PF	360P	2281.322	0.5	0.114
Total-							36	77450.395	0.5	3.873
Grand Total-							211	338449.255	0.5	16.922



समयपुराधिकारी
प्रमजयगढ वन मंडल

Table B - Area statement for proposed forest Patches – Revenue Forest land (Chhote / Bade Jhad ka Jangal)

Sl No.	Patch	District	Block	Route Name	Village	Type	Khasra No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
1	76	Raigarh	Dharamjaiga	Jabga To Newar	Amgaon	BJJ	152/1/६/1	413.372	0.5	0.021
2	53	Raigarh	Dharamjaiga	Jabga To Newar	Boro	CJJ	280/11	714.958	0.5	0.036
3	53	Raigarh	Dharamjaiga	Jabga To Newar	Boro	CJJ	272/1	36.314	0.5	0.002
4	53	Raigarh	Dharamjaiga	Jabga To Newar	Boro	BJJ	349/1/१/1	271.952	0.5	0.014
5	54	Raigarh	Dharamjaiga	Jabga To Newar	Boro	CJJ	46/1	42.734	0.5	0.002
6	54	Raigarh	Dharamjaiga	Jabga To Newar	Boro	CJJ	41/1१	99.608	0.5	0.005
7	54	Raigarh	Dharamjaiga	Jabga To Newar	Boro	CJJ	73/1	24.325	0.5	0.001
8	54	Raigarh	Dharamjaiga	Jabga To Newar	Boro	CJJ	75/1	118.889	0.5	0.006
9	53	Raigarh	Dharamjaiga	Jamargidi To Boro	Jabaga	BJJ	182/1१	123.115	0.5	0.006
10	53	Raigarh	Dharamjaiga	Jamargidi To Boro	Jabaga	BJJ	242/1	528.16	0.5	0.026
11	53	Raigarh	Dharamjaiga	Jamargidi To Jabga	Jamargidee	BJJ	448/1	29.121	0.5	0.001
12	64	Raigarh	Dharamjaiga	Hati To Jogada	Jogada	BJJ	104/1	254.383	0.5	0.013
13	48	Raigarh	Dharamjaiga	Kuma To Ruwaphul	Kuma	BJJ	66	31.936	0.5	0.002
14	48	Raigarh	Dharamjaiga	Kuma To Ruwaphul	Kuma	CJJ	231	10.809	0.5	0.001
15	42	Raigarh	Dharamjaiga	Tonahinara To Godhikhurd	Pakhanakot	BJJ	502/1	507.24	0.5	0.025
16	66	Raigarh	Dharamjaiga	Bokramuda To Bangarsuta	Reelo	BJJ	110/1 १/1	355.734	0.5	0.018
17	66	Raigarh	Dharamjaiga	Bokramuda To Bangarsuta	Reelo	BJJ	295/1 १	131.369	0.5	0.007
18	39	Raigarh	Dharamjaiga	Paraghati To Rairumakhurd	Saskoba	BJJ	502/18	186.032	0.5	0.009
19	40	Raigarh	Dharamjaiga	Paraghati To Rairumakhurd	Saskoba	BJJ	382/1१	1453.48	0.5	0.073



Table B - Area statement for proposed forest Patches – Revenue Forest land (Chhote / Bade Jhad ka Jangal)

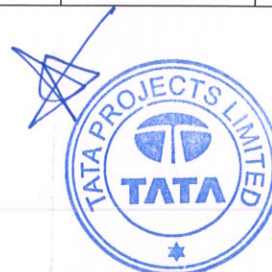
Sl No.	Patch	District	Block	Route Name	Village	Type	Khasra No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
20	40	Raigarh	Dharamjaiga	Paraghati To Rairumakhurd	Saskoba	BJJ	505/1फ	84.167	0.5	0.004
21	34	Raigarh	Dharamjaiga	Sohanpur To Ongana	Sisinga	CJJ	944/1फ	262.404	0.5	0.013
22	34	Raigarh	Dharamjaiga	Sohanpur To Ongana	Sisinga	CJJ	952/1	102.326	0.5	0.005
23	77	Raigarh	Dharamjaiga	Sohanpur To Ongana	Sisinga	BJJ	508/3	1285.158	0.5	0.064
24	74	Raigarh	Dharamjaiga	Nagdarha To Gersha	Siwar	BJJ	185/2	222.919	0.5	0.011
Total-							24	7290.505	0.5	0.365
25	32	Raigarh	Lailunga	Pakargaon To Gamekela	Gamekela	CJJ	452/5	100.479	0.5	0.005
26	1	Raigarh	Lailunga	Karwarjor To Lohadapani	Karwarjor	CJJ	220	104.083	0.5	0.005
27	1	Raigarh	Lailunga	Karwarjor To Lohadapani	Karwarjor	CJJ	224	19.159	0.5	0.001
28	32	Raigarh	Lailunga	Kupakani To Rudukela	Pakargaon	BJJ	31/14	82.959	0.5	0.004
29	32	Raigarh	Lailunga	Kupakani To Rudukela	Pakargaon	BJJ	31/2	57.652	0.5	0.003
30	2	Raigarh	Lailunga	Sonajori To Chanverpur	Sonajori	BJJ	537/1	223.421	0.5	0.011
31	2	Raigarh	Lailunga	Chanverpur To Tolma	Sonajori	BJJ	835/1	260.893	0.5	0.013
Total-							7	848.646	0.5	0.042
Grand Total-							31	8139.151	0.5	0.407

विद्यया ऽपि ज्ञानं
विद्यया ऽपि ज्ञानं



5.2. LiDAR/DGPS Surveyed coordinates of Forest Patches (Annexure-2)

Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-1	1	22°20'30.03750"	83°43'55.44651"	P-51	5	22°14'45.75424"	83°38'27.89195"
P-2	1	22°20'33.43824"	83°43'51.98066"	P-52	5	22°14'50.92808"	83°38'31.71288"
P-3	1	22°20'35.56027"	83°43'58.26409"	P-53	5	22°14'56.61120"	83°38'34.84442"
P-4	1	22°20'40.05824"	83°44'03.12780"	P-54	5	22°15'00.38694"	83°38'40.01754"
P-5	1	22°20'45.63145"	83°44'06.56318"	P-55	5	22°15'01.59643"	83°38'46.85690"
P-6	1	22°20'49.00884"	83°44'12.46809"	P-56	5	22°15'03.89497"	83°38'53.36475"
P-7	1	22°20'51.03885"	83°44'18.86825"	P-57	5	22°15'07.35235"	83°38'52.75436"
P-8	1	22°20'54.07143"	83°44'24.45611"	P-58	6	22°14'18.64292"	83°37'14.60579"
P-9	1	22°20'59.24009"	83°44'27.55658"	P-59	6	22°14'16.07612"	83°37'21.00213"
P-10	1	22°21'04.09880"	83°44'25.02867"	P-60	6	22°14'15.99506"	83°37'27.95677"
P-11	1	22°22'20.18852"	83°42'48.71265"	P-61	6	22°14'15.62081"	83°37'34.90906"
P-12	1	22°22'20.97701"	83°42'45.18750"	P-62	6	22°14'15.90339"	83°37'41.86963"
P-13	1	22°22'19.09475"	83°42'52.75204"	P-63	6	22°14'18.08987"	83°37'48.23388"
P-14	1	22°22'19.21246"	83°42'52.09479"	P-64	6	22°14'18.81598"	83°37'55.10932"
P-15	2	22°17'50.89023"	83°44'09.37025"	P-65	6	22°14'20.34435"	83°38'01.65357"
P-16	2	22°17'56.45732"	83°44'12.09006"	P-66	6	22°14'19.37819"	83°38'08.48373"
P-17	2	22°18'02.78744"	83°44'13.60341"	P-67	6	22°14'22.27742"	83°38'14.49458"
P-18	2	22°18'06.78819"	83°44'14.59370"	P-68	6	22°14'22.34584"	83°38'14.58177"
P-19	2	22°18'00.41265"	83°44'13.30684"	P-69	7	22°14'35.91717"	83°35'13.86506"
P-20	2	22°17'54.03752"	83°44'12.41406"	P-70	7	22°14'36.76911"	83°35'08.43494"
P-21	2	22°17'50.73621"	83°44'09.50367"	P-71	7	22°14'43.21104"	83°35'07.55833"
P-22	2	22°19'07.65491"	83°43'06.40549"	P-72	7	22°14'49.22407"	83°35'04.97292"
P-23	2	22°19'14.18375"	83°43'05.33120"	P-73	7	22°14'55.25808"	83°35'02.40750"
P-24	2	22°18'20.26446"	83°44'33.94343"	P-74	7	22°15'00.91314"	83°34'59.21967"
P-25	2	22°18'17.03348"	83°44'42.15553"	P-75	7	22°15'05.68761"	83°34'56.60199"
P-26	3	22°16'02.71041"	83°45'57.39573"	P-76	7	22°15'11.46231"	83°34'55.33160"
P-27	3	22°16'08.44524"	83°46'00.45689"	P-77	7	22°16'02.43288"	83°35'51.73003"
P-28	3	22°16'14.83283"	83°45'59.83546"	P-78	7	22°15'56.42368"	83°35'52.02927"
P-29	3	22°16'19.41433"	83°46'03.65099"	P-79	7	22°15'51.11969"	83°35'51.85156"
P-30	3	22°16'23.38797"	83°46'08.34675"	P-80	7	22°14'57.22372"	83°36'29.14305"
P-31	3	22°16'29.50875"	83°46'10.14891"	P-81	7	22°14'56.53980"	83°36'35.92598"
P-32	3	22°16'35.82211"	83°46'11.65391"	P-82	7	22°14'50.90420"	83°36'33.61063"
P-33	3	22°16'41.94293"	83°46'13.86769"	P-83	7	22°14'45.72625"	83°36'29.39311"
P-34	3	22°16'47.73713"	83°46'16.48044"	P-84	7	22°14'40.06954"	83°36'27.04167"
P-35	3	22°16'50.31371"	83°46'22.69324"	P-85	7	22°14'33.76608"	83°36'28.70037"
P-36	3	22°16'55.03107"	83°46'27.49317"	P-86	7	22°14'27.96957"	83°36'30.42362"
P-37	3	22°17'00.39602"	83°46'31.26938"	P-87	7	22°15'46.33344"	83°35'56.33649"



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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-38	3	22°17'06.46068"	83°46'33.23113"	P-88	7	22°15'42.41186"	83°36'01.88598"
P-39	3	22°17'12.22508"	83°46'32.63460"	P-89	7	22°15'36.36869"	83°36'03.36938"
P-40	3	22°17'15.47997"	83°46'33.72870"	P-90	7	22°15'30.57023"	83°36'06.02608"
P-41	4	22°15'21.19643"	83°42'25.78759"	P-91	7	22°15'24.55450"	83°36'08.48267"
P-42	4	22°15'17.82765"	83°42'30.41956"	P-92	7	22°15'18.54870"	83°36'06.11054"
P-43	4	22°15'18.15300"	83°42'37.25048"	P-93	7	22°15'14.83735"	83°36'09.60307"
P-44	4	22°15'12.86502"	83°42'41.20907"	P-94	7	22°15'12.27386"	83°36'15.99340"
P-45	4	22°15'09.39948"	83°42'46.47989"	P-95	7	22°15'09.68769"	83°36'22.37963"
P-46	4	22°15'05.40662"	83°42'51.17458"	P-96	7	22°15'06.38480"	83°36'24.80410"
P-47	5	22°16'04.57055"	83°38'49.88080"	P-97	7	22°15'06.38480"	83°36'24.80410"
P-48	5	22°16'10.26832"	83°38'52.32708"	P-98	7	22°14'59.89567"	83°36'24.66106"
P-49	5	22°16'11.31423"	83°38'52.65933"	P-99	7	22°14'57.22372"	83°36'29.14305"
P-50	5	22°14'40.10269"	83°38'24.76434"	P-100	7	22°14'23.64899"	83°36'29.22084"
P-101	7	22°14'23.64649"	83°36'27.31794"	P-151	10	22°16'55.78815"	83°33'09.35374"
P-102	7	22°14'23.52506"	83°36'29.20372"	P-152	10	22°16'57.21180"	83°33'15.47781"
P-103	7	22°14'27.85221"	83°36'30.37938"	P-153	10	22°16'58.73729"	83°33'22.24100"
P-104	7	22°14'23.23798"	83°36'31.30988"	P-154	10	22°17'03.60172"	83°33'26.03328"
P-105	7	22°14'22.64071"	83°36'38.25996"	P-155	10	22°17'03.31893"	83°33'32.91653"
P-106	7	22°14'21.63079"	83°36'45.12232"	P-156	10	22°17'03.81428"	83°33'39.55861"
P-107	7	22°14'21.88996"	83°36'52.03154"	P-157	10	22°17'26.86826"	83°31'58.01609"
P-108	7	22°14'22.73895"	83°36'58.83072"	P-158	10	22°17'22.34878"	83°31'54.20125"
P-109	7	22°14'22.24095"	83°37'05.74703"	P-159	10	22°17'18.97358"	83°31'59.80759"
P-110	7	22°14'20.47765"	83°37'10.14717"	P-160	10	22°17'15.92434"	83°32'05.20738"
P-111	7	22°15'12.33241"	83°35'57.28946"	P-161	10	22°17'11.39936"	83°32'09.99202"
P-112	7	22°15'15.74334"	83°36'02.93423"	P-162	10	22°17'12.69658"	83°32'16.41387"
P-113	7	22°15'15.11235"	83°36'01.49823"	P-163	10	22°17'11.34873"	83°32'22.83959"
P-114	7	22°15'12.02439"	83°35'57.51359"	P-164	10	22°17'09.43904"	83°32'29.44555"
P-115	7	22°15'12.02439"	83°35'57.51359"	P-165	10	22°17'08.90092"	83°32'36.11556"
P-116	7	22°15'08.20469"	83°35'52.03673"	P-166	10	22°17'03.08479"	83°32'39.05415"
P-117	7	22°15'05.11459"	83°35'46.42616"	P-167	10	22°16'58.94877"	83°32'44.35119"
P-118	7	22°14'58.85469"	83°35'44.55012"	P-168	10	22°16'55.99056"	83°32'50.35461"
P-119	7	22°14'52.90547"	83°35'42.09672"	P-169	10	22°16'55.64240"	83°32'55.62688"
P-120	7	22°14'47.17088"	83°35'39.12769"	P-170	10	22°17'32.64017"	83°31'48.25068"
P-121	7	22°14'42.87190"	83°35'33.89632"	P-171	10	22°17'29.73804"	83°31'52.91254"
P-122	7	22°14'39.53001"	83°35'28.00306"	P-172	10	22°17'29.70412"	83°31'53.25244"
P-123	7	22°14'38.19762"	83°35'21.17528"	P-173	10	22°17'03.81428"	83°33'39.55861"
P-124	7	22°14'36.68832"	83°35'14.41090"	P-174	10	22°17'02.70174"	83°33'46.25697"
P-125	7	22°14'37.95016"	83°35'18.21256"	P-175	10	22°17'01.09714"	83°33'52.98618"
P-126	7	22°14'39.07763"	83°35'25.07445"	P-176	10	22°17'01.17689"	83°33'59.61946"

Chhattisgarh BharatNet Phase-II Project

Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-127	7	22°14'41.35842"	83°35'31.51885"	P-177	10	22°17'03.14292"	83°34'01.11180"
P-128	7	22°14'45.55066"	83°35'36.85229"	P-178	10	22°17'03.14292"	83°34'01.11180"
P-129	7	22°14'50.87599"	83°35'40.37747"	P-179	10	22°17'09.10036"	83°34'03.77372"
P-130	7	22°14'56.48326"	83°35'43.55153"	P-180	10	22°17'14.91022"	83°34'06.89213"
P-131	7	22°15'02.76851"	83°35'45.32445"	P-181	10	22°17'20.98507"	83°34'09.21986"
P-132	7	22°15'07.89356"	83°35'48.88416"	P-182	10	22°17'27.24283"	83°34'10.87758"
P-133	7	22°15'10.22084"	83°35'55.25319"	P-183	10	22°17'33.70262"	83°34'11.42607"
P-134	7	22°15'12.33241"	83°35'57.28946"	P-184	10	22°17'39.51268"	83°34'14.20913"
P-135	8	22°15'22.68655"	83°33'09.42077"	P-185	10	22°17'41.94004"	83°34'17.42438"
P-136	8	22°15'25.27592"	83°33'03.10458"	P-186	11	22°18'56.54855"	83°32'45.90168"
P-137	8	22°15'28.40946"	83°32'57.07465"	P-187	11	22°18'56.89503"	83°32'49.06990"
P-138	8	22°15'32.69223"	83°32'53.22292"	P-188	11	22°18'55.18286"	83°32'54.93593"
P-139	8	22°15'32.77657"	83°32'46.25919"	P-189	11	22°18'56.80732"	83°32'49.42019"
P-140	8	22°15'34.94063"	83°32'39.99305"	P-190	11	22°19'05.13912"	83°32'53.66777"
P-141	8	22°15'34.82480"	83°32'39.30419"	P-191	11	22°18'59.36225"	83°32'50.93045"
P-142	9	22°17'59.82247"	83°35'39.33881"	P-192	11	22°18'56.83511"	83°32'49.44978"
P-143	9	22°18'03.76084"	83°35'43.45642"	P-193	11	22°18'35.39144"	83°33'17.60915"
P-144	9	22°17'19.89446"	83°35'28.53206"	P-194	11	22°18'38.07899"	83°33'23.09209"
P-145	9	22°17'14.90022"	83°35'25.78748"	P-195	11	22°18'35.71869"	83°31'30.87748"
P-146	9	22°17'10.79908"	83°35'29.22520"	P-196	11	22°18'36.71367"	83°31'36.10954"
P-147	9	22°17'05.58375"	83°35'27.91878"	P-197	11	22°18'39.03634"	83°31'42.34613"
P-148	9	22°17'03.46861"	83°35'27.39545"	P-198	11	22°18'38.76810"	83°31'48.90633"
P-149	10	22°16'55.64240"	83°32'55.62688"	P-199	11	22°18'39.15685"	83°31'55.34518"
P-150	10	22°16'55.26852"	83°33'02.47117"	P-200	11	22°18'41.54783"	83°32'01.82855"
P-201	11	22°18'42.04223"	83°32'08.74503"	P-251	12	22°17'55.75140"	83°28'57.30807"
P-202	11	22°18'41.87388"	83°32'14.33619"	P-252	12	22°17'58.24875"	83°30'09.86283"
P-203	11	22°18'31.76304"	83°32'39.30365"	P-253	12	22°17'56.93454"	83°30'16.59270"
P-204	11	22°18'25.97374"	83°32'37.54940"	P-254	12	22°18'20.71627"	83°31'02.72818"
P-205	11	22°18'19.91985"	83°32'35.59091"	P-255	12	22°18'20.71627"	83°31'02.72818"
P-206	11	22°18'14.09380"	83°32'32.88365"	P-256	12	22°18'24.99491"	83°31'07.88510"
P-207	11	22°18'36.19242"	83°32'40.62494"	P-257	12	22°18'26.62612"	83°31'14.39174"
P-208	11	22°18'34.73479"	83°32'40.31061"	P-258	12	22°18'27.24266"	83°31'20.79133"
P-209	11	22°18'37.21990"	83°33'10.64403"	P-259	12	22°18'27.72259"	83°31'25.60120"
P-210	11	22°18'43.28159"	83°32'42.20442"	P-260	13	22°16'44.56830"	83°29'23.86034"
P-211	11	22°18'41.15437"	83°32'16.89517"	P-261	13	22°16'38.11808"	83°29'24.18906"
P-212	11	22°18'38.36826"	83°32'23.19013"	P-262	13	22°16'31.78226"	83°29'22.64645"
P-213	11	22°18'34.09845"	83°32'28.18848"	P-263	13	22°16'25.35553"	83°29'21.86514"
P-214	11	22°18'31.55442"	83°32'34.17448"	P-264	13	22°17'02.98859"	83°29'27.06153"
P-215	11	22°18'45.46908"	83°32'42.60925"	P-265	13	22°16'57.78004"	83°29'31.14736"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-216	11	22°18'48.62686"	83°32'43.11606"	P-266	13	22°16'52.08962"	83°29'30.96257"
P-217	11	22°18'51.78946"	83°32'42.18237"	P-267	13	22°16'50.40183"	83°29'30.49129"
P-218	11	22°18'53.63192"	83°32'41.11969"	P-268	13	22°21'14.09473"	83°29'16.92195"
P-219	11	22°18'54.02103"	83°32'40.89806"	P-269	13	22°21'16.14680"	83°29'10.59517"
P-220	11	22°18'56.80691"	83°32'44.65121"	P-270	13	22°21'10.85245"	83°29'07.34774"
P-221	11	22°18'57.65302"	83°32'41.43198"	P-271	13	22°21'04.57309"	83°29'05.62563"
P-222	12	22°17'32.33832"	83°29'16.51165"	P-272	13	22°20'59.32256"	83°29'01.51916"
P-223	12	22°17'31.39913"	83°29'23.07641"	P-273	13	22°21'20.76473"	83°29'08.00036"
P-224	12	22°17'30.24577"	83°29'29.93265"	P-274	13	22°21'26.38891"	83°29'04.95662"
P-225	12	22°17'27.59783"	83°29'36.14032"	P-275	13	22°21'32.85557"	83°29'04.63708"
P-226	12	22°17'23.10494"	83°29'39.57219"	P-276	13	22°21'38.10308"	83°29'01.92205"
P-227	12	22°17'18.07020"	83°29'39.27481"	P-277	13	22°21'44.11413"	83°29'01.40699"
P-228	12	22°17'56.29196"	83°29'04.99599"	P-278	13	22°21'50.43451"	83°29'02.81212"
P-229	12	22°17'56.86576"	83°29'11.58437"	P-279	13	22°21'48.32582"	83°29'01.83897"
P-230	12	22°17'58.72020"	83°29'17.95670"	P-280	13	22°21'41.92670"	83°29'00.69387"
P-231	12	22°17'59.47014"	83°29'24.07577"	P-281	13	22°21'36.68598"	83°29'03.53901"
P-232	12	22°17'59.92888"	83°29'30.86297"	P-282	13	22°21'30.58812"	83°29'04.14836"
P-233	12	22°18'00.70915"	83°29'37.55524"	P-283	13	22°21'24.16979"	83°29'04.97481"
P-234	12	22°18'02.03440"	83°29'44.31792"	P-284	13	22°21'18.99306"	83°29'09.08629"
P-235	12	22°18'02.63713"	83°29'51.19500"	P-285	13	22°21'15.09788"	83°29'08.89275"
P-236	12	22°18'02.02367"	83°29'57.81805"	P-286	13	22°20'54.38470"	83°29'02.81454"
P-237	12	22°18'00.19453"	83°30'04.06441"	P-287	13	22°20'48.79119"	83°28'59.71557"
P-238	12	22°17'57.34501"	83°30'19.64304"	P-288	13	22°20'47.35128"	83°28'53.18107"
P-239	12	22°18'00.35308"	83°30'25.10707"	P-289	13	22°20'47.75277"	83°28'46.42842"
P-240	12	22°17'59.75728"	83°30'31.92382"	P-290	13	22°20'45.19283"	83°28'41.07730"
P-241	12	22°18'00.60176"	83°30'38.50261"	P-291	13	22°20'40.86677"	83°28'36.35098"
P-242	12	22°18'01.50013"	83°30'45.13256"	P-292	13	22°20'37.10656"	83°28'31.86477"
P-243	12	22°18'04.68096"	83°30'50.59737"	P-293	13	22°20'35.16027"	83°28'25.91137"
P-244	12	22°18'11.02238"	83°30'51.09572"	P-294	13	22°20'56.41402"	83°29'01.43716"
P-245	12	22°18'16.52345"	83°30'51.86165"	P-295	13	22°20'55.96305"	83°29'02.30277"
P-246	12	22°18'18.18622"	83°30'58.57525"	P-296	13	22°20'35.15682"	83°28'21.40325"
P-247	12	22°18'09.51090"	83°28'41.77327"	P-297	13	22°20'35.26361"	83°28'14.43939"
P-248	12	22°18'06.51626"	83°28'47.92543"	P-298	13	22°20'31.62877"	83°28'08.83875"
P-249	12	22°18'03.05010"	83°28'53.06475"	P-299	13	22°20'25.85878"	83°28'06.57319"
P-250	12	22°17'57.22257"	83°28'56.11298"	P-300	13	22°20'19.58502"	83°28'08.09244"
P-301	13	22°21'04.01677"	83°29'30.49097"	P-351	13	22°19'09.17229"	83°27'49.17041"
P-302	13	22°21'06.08712"	83°29'23.88182"	P-352	13	22°19'06.12674"	83°27'54.65989"
P-303	13	22°21'11.48846"	83°29'21.78626"	P-353	13	22°19'01.26392"	83°27'57.50976"
P-304	13	22°21'14.09473"	83°29'16.92195"	P-354	13	22°18'58.09869"	83°28'01.02248"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-305	13	22°18'46.71622"	83°28'07.75481"	P-355	13	22°18'53.95576"	83°28'06.10704"
P-306	13	22°18'40.50988"	83°28'07.00974"	P-356	13	22°18'47.68606"	83°28'07.68730"
P-307	13	22°18'35.70003"	83°28'11.62626"	P-357	13	22°19'30.94176"	83°29'17.54720"
P-308	13	22°18'30.95740"	83°28'14.64899"	P-358	13	22°19'37.13291"	83°29'17.72360"
P-309	13	22°18'25.03555"	83°28'15.28666"	P-359	13	22°19'36.22676"	83°29'19.13348"
P-310	13	22°18'20.59147"	83°28'19.99957"	P-360	13	22°19'50.74839"	83°28'41.98716"
P-311	13	22°18'18.14054"	83°28'26.18469"	P-361	13	22°19'47.64552"	83°28'47.89054"
P-312	13	22°18'16.90783"	83°28'32.92888"	P-362	13	22°19'43.98384"	83°28'51.20688"
P-313	13	22°18'12.03792"	83°28'37.34298"	P-363	13	22°19'40.96153"	83°28'57.38313"
P-314	13	22°18'10.76728"	83°28'38.88207"	P-364	13	22°19'38.43181"	83°28'59.61181"
P-315	13	22°19'42.76237"	83°26'57.84976"	P-365	14	22°22'35.75358"	83°30'20.69541"
P-316	13	22°19'42.11198"	83°27'04.62633"	P-366	14	22°22'32.48013"	83°30'15.44398"
P-317	13	22°19'42.02926"	83°27'11.60715"	P-367	14	22°22'32.63621"	83°30'08.76691"
P-318	13	22°19'43.06932"	83°27'18.42317"	P-368	14	22°22'28.42900"	83°30'03.64381"
P-319	13	22°19'44.46591"	83°27'25.19758"	P-369	14	22°22'25.95682"	83°29'57.75959"
P-320	13	22°19'44.41930"	83°27'26.19837"	P-370	14	22°22'21.65193"	83°29'54.42967"
P-321	13	22°19'43.23003"	83°27'19.50914"	P-371	14	22°22'16.90967"	83°29'58.87202"
P-322	13	22°19'41.79290"	83°27'12.77282"	P-372	14	22°22'14.17400"	83°30'05.02247"
P-323	13	22°19'41.98998"	83°27'05.79428"	P-373	14	22°22'08.05985"	83°30'05.40299"
P-324	13	22°19'42.20858"	83°26'58.94444"	P-374	14	22°22'01.63694"	83°30'04.83977"
P-325	13	22°19'41.66980"	83°27'32.44841"	P-375	14	22°21'55.92863"	83°30'03.23889"
P-326	13	22°19'37.04844"	83°27'37.12924"	P-376	14	22°23'36.80844"	83°30'24.36557"
P-327	13	22°19'33.13248"	83°27'41.79973"	P-377	14	22°23'34.12604"	83°30'25.02916"
P-328	13	22°19'26.87016"	83°27'43.02546"	P-378	14	22°21'09.48554"	83°29'32.86776"
P-329	13	22°19'20.82654"	83°27'44.23183"	P-379	14	22°21'14.14734"	83°29'20.29714"
P-330	13	22°19'14.69937"	83°27'45.10055"	P-380	14	22°21'54.83319"	83°29'59.52732"
P-331	13	22°20'14.03415"	83°28'05.69072"	P-381	14	22°21'53.69781"	83°29'52.65428"
P-332	13	22°20'15.01130"	83°27'58.78624"	P-382	14	22°21'51.17414"	83°29'46.21744"
P-333	13	22°20'16.07445"	83°27'51.89537"	P-383	14	22°21'46.15739"	83°29'42.29759"
P-334	13	22°20'15.39434"	83°27'45.06190"	P-384	14	22°21'41.90712"	83°29'37.02549"
P-335	13	22°20'13.27889"	83°27'38.46248"	P-385	14	22°21'37.69806"	83°29'31.70329"
P-336	13	22°20'09.58347"	83°27'33.10757"	P-386	14	22°21'31.90963"	83°29'32.00316"
P-337	13	22°20'03.18389"	83°27'32.27873"	P-387	14	22°21'25.87094"	83°29'34.15026"
P-338	13	22°19'56.86705"	83°27'33.11321"	P-388	14	22°21'19.41728"	83°29'33.44591"
P-339	13	22°19'50.60086"	83°27'32.14576"	P-389	14	22°21'17.24823"	83°29'33.42954"
P-340	13	22°20'16.70736"	83°28'09.65702"	P-390	14	22°22'38.97989"	83°30'36.42811"
P-341	13	22°20'12.61802"	83°28'10.38897"	P-391	14	22°22'35.87133"	83°30'32.51511"
P-342	13	22°20'09.90320"	83°28'16.63944"	P-392	14	22°22'35.87133"	83°30'32.51511"
P-343	13	22°20'07.89879"	83°28'23.06947"	P-393	14	22°22'36.04345"	83°30'25.55197"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-344	13	22°20'03.18808"	83°28'27.80248"	P-394	14	22°23'32.25553"	83°30'25.59765"
P-345	13	22°19'58.98974"	83°28'32.79921"	P-395	14	22°23'28.23095"	83°30'30.16567"
P-346	13	22°19'54.26951"	83°28'36.10524"	P-396	14	22°23'23.32543"	83°30'34.42158"
P-347	13	22°19'51.41698"	83°28'41.64567"	P-397	14	22°23'20.03170"	83°30'40.44558"
P-348	13	22°20'17.94571"	83°28'10.40274"	P-398	14	22°23'13.87131"	83°30'42.08138"
P-349	13	22°20'18.13352"	83°28'10.43552"	P-399	14	22°23'07.54441"	83°30'43.14821"
P-350	13	22°19'14.00825"	83°27'45.22419"	P-400	14	22°23'01.48814"	83°30'45.27328"
P-401	14	22°22'55.16388"	83°30'44.90778"	P-451	17	22°25'49.13087"	83°31'33.81960"
P-402	14	22°22'50.07748"	83°30'40.94033"	P-452	17	22°25'49.29353"	83°31'38.53564"
P-403	14	22°22'44.06186"	83°30'38.80481"	P-453	18	22°28'35.81959"	83°33'15.94523"
P-404	14	22°22'38.97989"	83°30'36.42811"	P-454	18	22°28'29.87731"	83°33'18.43040"
P-405	15	22°24'25.82918"	83°30'34.33852"	P-455	18	22°28'24.59029"	83°33'21.28328"
P-406	15	22°24'21.69548"	83°30'39.44048"	P-456	18	22°28'20.11675"	83°33'26.25083"
P-407	15	22°24'19.59023"	83°30'45.95940"	P-457	18	22°28'13.84746"	83°33'27.70990"
P-408	15	22°24'31.89915"	83°30'34.44770"	P-458	18	22°28'13.76699"	83°33'27.71549"
P-409	15	22°24'33.16855"	83°30'34.32300"	P-459	19	22°26'16.96344"	83°36'02.95620"
P-410	15	22°24'42.73159"	83°30'38.35146"	P-460	19	22°26'25.98113"	83°36'14.84916"
P-411	15	22°24'11.12160"	83°30'51.38650"	P-461	19	22°26'31.51075"	83°36'14.32266"
P-412	15	22°24'05.57777"	83°30'54.81594"	P-462	19	22°26'37.61533"	83°36'14.40113"
P-413	15	22°24'00.08447"	83°30'58.43396"	P-463	19	22°26'40.41588"	83°36'19.69327"
P-414	15	22°23'54.22962"	83°30'58.35969"	P-464	19	22°26'42.57546"	83°36'19.72563"
P-415	15	22°23'51.44341"	83°30'52.33597"	P-465	20	22°23'58.24108"	83°34'30.94219"
P-416	15	22°23'52.56267"	83°30'45.56719"	P-466	20	22°24'02.93722"	83°34'26.21053"
P-417	15	22°23'52.51485"	83°30'45.10720"	P-467	20	22°24'04.95460"	83°34'50.65635"
P-418	16	22°24'47.55627"	83°33'05.80765"	P-468	20	22°24'02.78990"	83°34'44.48549"
P-419	16	22°24'52.84645"	83°33'01.83147"	P-469	20	22°24'04.21190"	83°34'37.85881"
P-420	16	22°24'57.85732"	83°32'57.83698"	P-470	20	22°24'00.76229"	83°34'32.78236"
P-421	16	22°25'02.10843"	83°32'53.85249"	P-471	20	22°24'21.18809"	83°34'00.75027"
P-422	16	22°24'55.66705"	83°33'11.98976"	P-472	20	22°24'27.64345"	83°33'59.94284"
P-423	16	22°24'55.18832"	83°33'12.92320"	P-473	20	22°24'53.49028"	83°34'07.27763"
P-424	16	22°25'03.06250"	83°32'49.78654"	P-474	20	22°25'00.92435"	83°34'09.20479"
P-425	16	22°25'04.89353"	83°32'43.11059"	P-475	20	22°25'00.26578"	83°34'16.13836"
P-426	16	22°25'06.71596"	83°32'36.51695"	P-476	20	22°25'02.00694"	83°34'21.76521"
P-427	16	22°25'07.59569"	83°32'29.59156"	P-477	20	22°25'05.72990"	83°34'27.10389"
P-428	16	22°25'06.12333"	83°32'23.10335"	P-478	20	22°25'04.72127"	83°34'32.43993"
P-429	16	22°25'06.83762"	83°32'16.27174"	P-479	20	22°25'04.44439"	83°34'35.01262"
P-430	16	22°25'04.82414"	83°32'09.87468"	P-480	21	22°22'49.24677"	83°34'24.66494"
P-431	16	22°25'06.95979"	83°32'03.31920"	P-481	21	22°22'43.35074"	83°34'22.72752"
P-432	16	22°25'08.35386"	83°31'56.59663"	P-482	21	22°22'42.43789"	83°34'21.77715"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-433	16	22°25'08.04124"	83°31'49.69755"	P-483	21	22°23'06.96256"	83°34'22.23215"
P-434	16	22°25'08.67307"	83°31'42.79631"	P-484	21	22°23'00.66299"	83°34'20.52547"
P-435	16	22°25'07.11018"	83°31'36.17476"	P-485	21	22°22'56.09962"	83°34'20.49202"
P-436	16	22°25'03.69421"	83°31'30.28886"	P-486	21	22°22'40.91118"	83°34'20.23915"
P-437	16	22°25'01.90004"	83°31'24.02027"	P-487	21	22°22'36.05099"	83°34'15.61020"
P-438	16	22°25'01.71994"	83°31'18.56949"	P-488	21	22°22'31.84618"	83°34'10.28737"
P-439	16	22°25'04.39493"	83°31'15.49000"	P-489	21	22°22'27.94180"	83°34'04.70613"
P-440	16	22°25'05.89459"	83°31'08.69323"	P-490	21	22°22'27.28292"	83°33'57.87302"
P-441	16	22°25'03.52676"	83°31'02.99019"	P-491	21	22°22'27.19225"	83°33'50.88591"
P-442	16	22°24'58.45397"	83°30'59.07312"	P-492	21	22°22'27.10597"	83°33'43.90775"
P-443	17	22°25'54.63426"	83°32'17.07898"	P-493	21	22°22'26.15382"	83°33'37.06059"
P-444	17	22°25'50.74407"	83°32'21.49677"	P-494	21	22°22'24.19049"	83°33'30.40640"
P-445	17	22°25'48.55323"	83°32'22.56952"	P-495	21	22°22'23.92622"	83°33'29.62273"
P-446	17	22°25'50.46721"	83°31'48.55620"	P-496	22	22°21'22.18913"	83°32'52.91615"
P-447	17	22°25'54.45980"	83°31'53.72449"	P-497	22	22°21'28.28229"	83°32'55.33933"
P-448	17	22°25'59.88022"	83°31'20.34779"	P-498	22	22°21'33.28603"	83°32'59.21080"
P-449	17	22°25'54.05125"	83°31'23.04571"	P-499	22	22°21'37.39448"	83°33'04.37728"
P-450	17	22°25'49.29136"	83°31'26.88453"	P-500	22	22°21'37.81635"	83°33'04.75253"
P-501	23	22°19'30.32679"	83°34'24.71121"	P-551	30	22°21'20.08217"	83°38'10.51514"
P-502	23	22°19'36.80837"	83°34'24.84310"	P-552	30	22°21'14.82684"	83°38'07.33631"
P-503	23	22°19'43.27947"	83°34'25.48950"	P-553	30	22°21'16.44092"	83°38'00.64826"
P-504	23	22°19'49.75056"	83°34'26.13593"	P-554	30	22°21'18.11856"	83°37'56.80209"
P-505	23	22°19'49.79967"	83°34'26.14084"	P-555	31	22°22'20.89527"	83°36'59.89745"
P-506	24	22°20'13.52989"	83°34'48.49813"	P-556	31	22°22'15.75921"	83°36'56.02233"
P-507	24	22°20'20.86773"	83°34'34.86427"	P-557	31	22°22'12.29316"	83°36'51.15452"
P-508	24	22°20'17.87618"	83°34'41.04058"	P-558	31	22°22'05.83112"	83°36'51.19579"
P-509	24	22°20'14.76771"	83°34'46.32915"	P-559	31	22°21'59.82116"	83°36'48.76578"
P-510	25	22°19'57.32820"	83°35'11.68652"	P-560	31	22°21'59.56136"	83°36'48.52888"
P-511	25	22°19'52.93662"	83°35'16.79128"	P-561	31	22°21'44.42022"	83°37'29.28067"
P-512	25	22°19'51.23804"	83°35'23.46592"	P-562	31	22°21'50.48736"	83°37'28.47914"
P-513	25	22°19'50.59005"	83°35'30.40609"	P-563	31	22°21'56.94317"	83°37'27.76059"
P-514	25	22°19'51.97996"	83°35'37.10688"	P-564	31	22°22'13.03351"	83°37'20.75767"
P-515	25	22°19'54.08622"	83°35'43.65679"	P-565	31	22°22'14.28359"	83°37'14.66164"
P-516	25	22°19'53.33154"	83°35'50.08306"	P-566	31	22°22'14.43542"	83°37'14.56513"
P-517	27	22°18'50.29711"	83°40'53.64971"	P-567	31	22°22'04.06691"	83°37'30.14692"
P-518	27	22°18'55.39352"	83°40'57.70439"	P-568	31	22°22'08.58562"	83°37'25.64545"
P-519	27	22°19'01.06090"	83°41'00.53326"	P-569	31	22°22'11.24760"	83°37'23.20469"
P-520	27	22°19'05.59568"	83°41'05.04939"	P-570	31	22°22'14.43542"	83°37'14.56513"
P-521	28	22°19'00.37143"	83°38'22.36399"	P-571	31	22°22'18.97534"	83°37'09.91139"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-522	28	22°19'05.94665"	83°38'25.85946"	P-572	31	22°22'23.24476"	83°37'04.99090"
P-523	28	22°19'12.20957"	83°38'25.43408"	P-573	31	22°22'25.77194"	83°37'00.82169"
P-524	28	22°19'14.10711"	83°38'24.66118"	P-574	31	22°22'20.89527"	83°36'59.89745"
P-525	28	22°18'55.00321"	83°38'19.86981"	P-575	32	22°21'41.66578"	83°35'49.53976"
P-526	28	22°19'00.37143"	83°38'22.36399"	P-576	32	22°21'48.04688"	83°35'50.78513"
P-527	28	22°20'07.14520"	83°41'13.58041"	P-577	32	22°21'48.95997"	83°35'50.92980"
P-528	28	22°20'14.86312"	83°40'54.63328"	P-578	32	22°21'48.95997"	83°35'50.92980"
P-529	28	22°20'17.31041"	83°40'48.26276"	P-579	32	22°21'53.81920"	83°35'50.02449"
P-530	28	22°20'19.39412"	83°40'41.65413"	P-580	32	22°21'53.69312"	83°35'43.16978"
P-531	28	22°20'20.07319"	83°40'37.31440"	P-581	32	22°21'54.26689"	83°35'36.23367"
P-532	29	22°20'41.49572"	83°40'04.84035"	P-582	32	22°21'55.08031"	83°35'29.37848"
P-533	29	22°20'42.51711"	83°39'58.21735"	P-583	32	22°21'56.91066"	83°35'22.79270"
P-534	29	22°20'47.65944"	83°39'55.62528"	P-584	32	22°21'57.31952"	83°35'15.82805"
P-535	29	22°20'52.53613"	83°39'51.08921"	P-585	32	22°21'57.87342"	83°35'08.86899"
P-536	29	22°20'57.86536"	83°39'47.09607"	P-586	32	22°21'57.52077"	83°35'07.45368"
P-537	29	22°21'03.36550"	83°39'43.47788"	P-587	32	22°22'16.44888"	83°37'56.42551"
P-538	29	22°21'08.67090"	83°39'39.68097"	P-588	32	22°22'17.37581"	83°37'51.81196"
P-539	29	22°21'12.97281"	83°39'34.51514"	P-589	32	22°22'23.76306"	83°37'50.57832"
P-540	29	22°21'18.01823"	83°39'30.31898"	P-590	32	22°22'25.08125"	83°37'50.32099"
P-541	30	22°21'08.44653"	83°39'00.39636"	P-591	32	22°22'18.76147"	83°38'28.85016"
P-542	30	22°21'08.93225"	83°38'53.46460"	P-592	32	22°22'17.85639"	83°38'22.12854"
P-543	30	22°21'11.14231"	83°38'46.90225"	P-593	32	22°22'15.78880"	83°38'15.86188"
P-544	30	22°21'13.22563"	83°38'40.30985"	P-594	32	22°22'19.30303"	83°38'10.26493"
P-545	30	22°21'16.12726"	83°38'34.18170"	P-595	32	22°22'16.34791"	83°38'04.65560"
P-546	30	22°21'18.85939"	83°38'27.85044"	P-596	32	22°22'16.14911"	83°37'58.00120"
P-547	30	22°21'19.81158"	83°38'25.55594"	P-597	32	22°22'29.91099"	83°37'48.97517"
P-548	30	22°21'19.81158"	83°38'25.55594"	P-598	32	22°22'35.42594"	83°37'48.48467"
P-549	30	22°21'23.91704"	83°38'20.17643"	P-599	32	22°22'41.17614"	83°37'51.73884"
P-550	30	22°21'25.36417"	83°38'14.42523"	P-600	32	22°22'46.69550"	83°37'55.39344"
P-601	32	22°22'48.55765"	83°37'56.86899"	P-651	34	22°26'14.68029"	83°19'35.77417"
P-602	32	22°24'07.39943"	83°36'56.17361"	P-652	34	22°26'19.36287"	83°19'30.92562"
P-603	32	22°24'07.30744"	83°36'53.27647"	P-653	34	22°26'24.99937"	83°19'27.48795"
P-604	32	22°24'04.90529"	83°36'46.87832"	P-654	34	22°26'31.43758"	83°19'27.99877"
P-605	32	22°24'04.15689"	83°36'45.03145"	P-655	34	22°26'35.72053"	83°19'31.07340"
P-606	32	22°21'09.82847"	83°36'32.30838"	P-656	34	22°26'35.72053"	83°19'31.07340"
P-607	32	22°21'06.79183"	83°36'31.34488"	P-657	34	22°26'41.74903"	83°19'30.81094"
P-608	33	22°22'05.70994"	83°25'24.83920"	P-658	34	22°26'48.12513"	83°19'30.39570"
P-609	33	22°22'09.48196"	83°25'19.22723"	P-659	34	22°26'54.53291"	83°19'31.54389"
P-610	33	22°22'13.93365"	83°25'14.13545"	P-660	34	22°26'59.75653"	83°19'27.74769"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-611	33	22°22'19.79209"	83°25'12.49749"	P-661	34	22°27'04.68408"	83°19'23.18945"
P-612	33	22°22'21.47292"	83°25'05.74683"	P-662	34	22°27'09.72363"	83°19'18.77309"
P-613	33	22°22'22.86400"	83°24'58.92474"	P-663	34	22°27'13.96688"	83°19'13.73423"
P-614	33	22°22'05.81596"	83°25'58.59547"	P-664	34	22°27'16.28600"	83°19'07.56357"
P-615	34	22°24'38.01909"	83°19'57.80735"	P-665	34	22°27'19.47366"	83°19'01.48971"
P-616	34	22°24'31.66377"	83°19'56.55187"	P-666	34	22°27'22.52157"	83°18'55.35065"
P-617	34	22°24'25.24559"	83°19'56.85679"	P-667	34	22°27'26.39706"	83°18'55.39093"
P-618	34	22°24'25.22794"	83°19'57.04533"	P-668	34	22°27'25.45002"	83°19'02.05124"
P-619	34	22°24'31.65194"	83°19'56.72034"	P-669	34	22°27'31.03356"	83°19'20.36751"
P-620	34	22°24'37.92359"	83°19'57.96581"	P-670	34	22°27'30.58781"	83°19'27.34415"
P-621	34	22°24'35.23745"	83°19'57.59870"	P-671	34	22°27'29.14346"	83°19'34.15124"
P-622	34	22°24'41.68531"	83°19'58.23714"	P-672	34	22°27'26.92229"	83°19'40.71308"
P-623	34	22°24'48.00300"	83°19'59.75008"	P-673	34	22°27'27.61836"	83°19'47.64860"
P-624	34	22°24'54.15065"	83°20'01.91212"	P-674	34	22°27'27.67762"	83°19'47.95048"
P-625	34	22°25'00.40031"	83°20'03.47979"	P-675	34	22°24'07.37700"	83°21'48.10865"
P-626	34	22°25'06.67790"	83°20'03.59917"	P-676	34	22°24'13.45337"	83°21'47.52145"
P-627	34	22°25'11.93201"	83°20'04.02268"	P-677	34	22°24'18.46216"	83°21'43.14530"
P-628	34	22°25'05.94531"	83°20'03.19689"	P-678	34	22°24'22.06509"	83°21'37.54136"
P-629	34	22°24'59.66628"	83°20'03.29452"	P-679	34	22°24'27.05792"	83°21'34.51382"
P-630	34	22°24'53.62883"	83°20'01.66067"	P-680	34	22°24'32.18097"	83°21'31.48482"
P-631	34	22°24'47.52465"	83°19'59.36742"	P-681	34	22°24'33.63436"	83°21'24.78491"
P-632	34	22°24'41.18693"	83°19'57.99267"	P-682	34	22°24'38.24781"	83°21'20.43578"
P-633	34	22°24'34.89339"	83°19'57.29465"	P-683	34	22°24'38.47520"	83°21'13.52181"
P-634	34	22°25'21.88817"	83°20'06.94976"	P-684	34	22°24'37.60500"	83°21'06.59474"
P-635	34	22°25'28.29301"	83°20'05.75838"	P-685	34	22°24'37.56942"	83°20'59.79156"
P-636	34	22°25'32.60250"	83°20'04.77429"	P-686	34	22°24'40.54908"	83°20'53.58191"
P-637	34	22°25'26.19718"	83°20'05.96274"	P-687	34	22°24'43.38174"	83°20'47.29002"
P-638	34	22°25'19.79689"	83°20'06.43172"	P-688	34	22°24'48.49343"	83°20'43.84764"
P-639	34	22°25'18.05847"	83°20'14.97622"	P-689	34	22°24'52.35745"	83°20'41.05312"
P-640	34	22°25'23.95483"	83°20'12.03421"	P-690	34	22°24'52.35745"	83°20'41.05312"
P-641	34	22°25'29.97893"	83°20'09.47704"	P-691	34	22°24'57.24397"	83°20'36.44331"
P-642	34	22°25'34.24959"	83°20'04.29289"	P-692	34	22°25'02.13047"	83°20'31.83341"
P-643	34	22°25'39.64314"	83°20'00.39109"	P-693	34	22°25'06.64935"	83°20'26.84169"
P-644	34	22°25'45.03667"	83°19'56.48922"	P-694	34	22°25'11.22420"	83°20'21.99018"
P-645	34	22°25'50.88871"	83°19'53.51380"	P-695	34	22°25'16.22674"	83°20'17.65403"
P-646	34	22°25'53.98462"	83°19'52.39170"	P-696	34	22°25'16.76907"	83°20'16.76546"
P-647	34	22°25'53.98462"	83°19'52.39170"	P-697	34	22°27'27.22380"	83°19'07.43461"
P-648	34	22°25'59.12331"	83°19'48.26555"	P-698	34	22°27'30.86846"	83°19'15.54550"
P-649	34	22°26'04.00387"	83°19'43.64776"	P-699	34	22°27'30.86846"	83°19'15.54550"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-650	34	22°26'09.53034"	83°19'40.03635"	P-700	34	22°27'31.09641"	83°19'19.08793"
P-701	35	22°28'49.96582"	83°22'37.57647"	P-751	35	22°28'07.89895"	83°22'33.80244"
P-702	35	22°28'46.56560"	83°22'43.53707"	P-752	35	22°28'07.23660"	83°22'40.73785"
P-703	35	22°28'46.99094"	83°22'49.87449"	P-753	35	22°28'02.60820"	83°22'44.82824"
P-704	35	22°28'51.78623"	83°22'54.56378"	P-754	35	22°27'56.59544"	83°22'47.35818"
P-705	35	22°28'52.12933"	83°22'54.91323"	P-755	35	22°27'50.46105"	83°22'49.64294"
P-706	35	22°28'40.35326"	83°22'03.15908"	P-756	35	22°27'44.30690"	83°22'51.44837"
P-707	35	22°28'42.78879"	83°22'09.29383"	P-757	35	22°27'42.66195"	83°22'53.45027"
P-708	35	22°28'43.99500"	83°22'16.05987"	P-758	35	22°27'26.60292"	83°22'57.37116"
P-709	35	22°28'46.71608"	83°22'22.40483"	P-759	35	22°27'20.57530"	83°22'57.51534"
P-710	35	22°28'49.42694"	83°22'28.76022"	P-760	35	22°27'14.37515"	83°22'55.61298"
P-711	35	22°28'50.77820"	83°22'34.36801"	P-761	35	22°27'09.12059"	83°22'56.89400"
P-712	35	22°26'22.66116"	83°23'25.30752"	P-762	35	22°27'05.18876"	83°22'58.31139"
P-713	35	22°26'27.27372"	83°23'13.40270"	P-763	35	22°26'59.59288"	83°23'00.57543"
P-714	35	22°26'25.56134"	83°23'20.04003"	P-764	35	22°26'54.73611"	83°23'04.57172"
P-715	35	22°26'30.99983"	83°23'12.58619"	P-765	35	22°26'48.47214"	83°23'05.88883"
P-716	35	22°26'27.76812"	83°23'12.01632"	P-766	35	22°26'42.35143"	83°23'07.81549"
P-717	35	22°25'36.63480"	83°24'08.28936"	P-767	35	22°26'37.66477"	83°23'11.75504"
P-718	35	22°25'40.33985"	83°24'04.81123"	P-768	35	22°26'35.43684"	83°23'12.24888"
P-719	35	22°26'10.99260"	83°23'40.90553"	P-769	35	22°27'45.88033"	83°20'11.58767"
P-720	35	22°26'06.42619"	83°23'45.86847"	P-770	35	22°27'49.31373"	83°20'17.52486"
P-721	35	22°26'01.30267"	83°23'50.11359"	P-771	35	22°27'51.71205"	83°20'23.94387"
P-722	35	22°25'55.81207"	83°23'53.32260"	P-772	35	22°27'50.84343"	83°20'30.80936"
P-723	35	22°25'51.28148"	83°23'57.56111"	P-773	35	22°27'51.11119"	83°20'37.79674"
P-724	35	22°25'50.18796"	83°23'58.55341"	P-774	35	22°27'51.09054"	83°20'44.78929"
P-725	35	22°27'42.89041"	83°22'53.59400"	P-775	35	22°27'53.50808"	83°20'50.95950"
P-726	35	22°27'48.26320"	83°22'50.76629"	P-776	35	22°27'58.13569"	83°20'55.81563"
P-727	35	22°27'54.39444"	83°22'48.55674"	P-777	35	22°28'04.25914"	83°20'58.08461"
P-728	35	22°28'00.56967"	83°22'46.43188"	P-778	35	22°28'10.16182"	83°21'00.63373"
P-729	35	22°28'06.36933"	83°22'43.32976"	P-779	35	22°28'13.67319"	83°21'06.36131"
P-730	35	22°28'07.97524"	83°22'36.93557"	P-780	35	22°28'14.44113"	83°21'13.28767"
P-731	35	22°28'08.50695"	83°22'29.99705"	P-781	35	22°28'15.11619"	83°21'20.22740"
P-732	35	22°28'07.27742"	83°22'25.05275"	P-782	35	22°28'15.53166"	83°21'27.18642"
P-733	35	22°28'10.57751"	83°22'21.16966"	P-783	35	22°28'18.81121"	83°21'33.14851"
P-734	35	22°28'11.16621"	83°22'14.87992"	P-784	35	22°28'23.25532"	83°21'38.24374"
P-735	35	22°28'11.09428"	83°22'07.88819"	P-785	35	22°28'27.99125"	83°21'42.98084"
P-736	35	22°28'13.16736"	83°22'01.67722"	P-786	35	22°28'31.89205"	83°21'48.55544"
P-737	35	22°28'16.80571"	83°21'55.94779"	P-787	35	22°28'33.45520"	83°21'55.22835"
P-738	35	22°28'21.71743"	83°21'51.95056"	P-788	35	22°28'37.07448"	83°22'00.50724"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-739	35	22°28'20.47736"	83°21'45.37901"	P-789	35	22°27'51.46669"	83°21'40.18716"
P-740	35	22°28'20.21216"	83°21'38.50392"	P-790	35	22°27'54.14372"	83°21'33.99581"
P-741	35	22°28'19.38588"	83°21'35.51218"	P-791	35	22°27'59.24068"	83°21'29.82863"
P-742	35	22°28'19.73038"	83°21'42.41962"	P-792	35	22°28'05.13325"	83°21'26.91157"
P-743	35	22°28'21.61527"	83°21'48.96618"	P-793	35	22°28'09.23786"	83°21'21.60225"
P-744	35	22°28'18.43189"	83°21'54.05126"	P-794	35	22°28'13.03033"	83°21'15.92260"
P-745	35	22°28'14.54845"	83°21'59.34951"	P-795	35	22°28'12.29826"	83°21'16.45671"
P-746	35	22°28'10.69612"	83°22'04.78311"	P-796	35	22°28'08.62228"	83°21'22.22432"
P-747	35	22°28'10.77899"	83°22'11.63844"	P-797	35	22°28'04.23937"	83°21'27.22316"
P-748	35	22°28'11.67747"	83°22'18.46854"	P-798	35	22°27'58.29695"	83°21'30.01046"
P-749	35	22°28'07.28817"	83°22'23.22937"	P-799	35	22°27'53.53285"	83°21'34.51458"
P-750	35	22°28'08.43218"	83°22'26.84730"	P-800	35	22°27'50.85490"	83°21'40.62510"
P-801	35	22°27'49.77937"	83°21'41.90496"	P-851	41	22°37'07.01656"	83°22'10.73671"
P-802	36	22°28'43.36901"	83°24'41.28853"	P-852	41	22°37'00.68338"	83°22'09.37157"
P-803	36	22°28'45.44798"	83°24'34.95066"	P-853	41	22°36'54.86589"	83°22'06.26536"
P-804	36	22°28'43.19550"	83°24'41.32728"	P-854	41	22°36'49.47469"	83°22'02.36490"
P-805	36	22°28'54.79434"	83°24'07.58565"	P-855	41	22°36'48.98537"	83°22'01.72641"
P-806	36	22°29'11.96277"	83°23'09.57156"	P-856	41	22°38'02.06027"	83°24'06.72350"
P-807	36	22°29'15.91212"	83°23'14.69944"	P-857	41	22°38'07.78184"	83°24'03.60287"
P-808	36	22°29'16.85533"	83°23'21.50301"	P-858	41	22°38'03.41980"	83°24'06.71925"
P-809	36	22°29'21.32042"	83°23'26.43244"	P-859	41	22°38'02.15880"	83°24'07.07758"
P-810	36	22°29'23.97658"	83°23'32.68971"	P-860	42	22°37'56.28497"	83°20'54.45313"
P-811	36	22°29'25.53194"	83°23'39.42438"	P-861	42	22°37'50.62103"	83°20'51.15951"
P-812	36	22°29'26.50720"	83°23'41.36896"	P-862	42	22°37'44.26093"	83°20'49.88895"
P-813	37	22°29'32.38435"	83°23'57.34287"	P-863	42	22°37'43.13927"	83°20'49.66985"
P-814	37	22°29'34.55799"	83°23'54.97766"	P-864	42	22°37'36.78395"	83°20'47.71389"
P-815	37	22°29'38.59533"	83°23'55.30787"	P-865	42	22°37'27.22677"	83°20'37.11406"
P-816	37	22°29'44.20155"	83°23'58.75369"	P-866	43	22°43'11.50080"	83°18'15.61027"
P-817	37	22°29'49.74933"	83°24'02.38070"	P-867	43	22°43'12.48223"	83°18'20.64633"
P-818	37	22°29'55.31857"	83°24'05.96933"	P-868	43	22°43'12.33733"	83°18'27.58384"
P-819	37	22°29'56.26534"	83°24'06.36944"	P-869	43	22°43'13.69612"	83°18'33.33770"
P-820	38	22°30'32.52404"	83°24'06.02987"	P-870	43	22°43'24.64629"	83°17'43.52513"
P-821	38	22°30'36.19141"	83°24'03.17616"	P-871	43	22°43'23.52813"	83°17'50.39858"
P-822	38	22°30'36.90650"	83°24'07.66272"	P-872	43	22°43'21.83800"	83°17'56.88476"
P-823	38	22°30'42.94884"	83°24'10.24009"	P-873	43	22°43'17.58661"	83°18'01.81746"
P-824	38	22°30'48.31004"	83°24'13.96671"	P-874	43	22°43'14.16592"	83°18'07.75456"
P-825	38	22°30'36.68894"	83°23'59.35440"	P-875	43	22°43'12.07736"	83°18'13.39593"
P-826	38	22°30'35.73687"	83°24'06.24163"	P-876	44	22°41'47.96489"	83°17'24.93844"
P-827	38	22°30'35.35125"	83°24'06.88769"	P-877	44	22°41'52.95451"	83°17'29.29707"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-828	39	22°31'52.61805"	83°24'12.59565"	P-878	44	22°41'58.10544"	83°17'29.87342"
P-829	39	22°31'55.57129"	83°24'06.50893"	P-879	44	22°41'58.81905"	83°17'29.63686"
P-830	39	22°31'59.13888"	83°24'00.90819"	P-880	44	22°41'58.81905"	83°17'29.63686"
P-831	39	22°32'04.60174"	83°23'57.11858"	P-881	44	22°42'05.20934"	83°17'30.54315"
P-832	39	22°32'07.37881"	83°23'50.94324"	P-882	44	22°42'07.73232"	83°17'31.13134"
P-833	39	22°32'09.14132"	83°23'44.23798"	P-883	45	22°40'15.70619"	83°17'22.65646"
P-834	39	22°32'12.31825"	83°23'38.19371"	P-884	45	22°40'17.50351"	83°17'16.51791"
P-835	39	22°32'16.82740"	83°23'33.23410"	P-885	45	22°40'19.16008"	83°17'09.79724"
P-836	39	22°32'19.42711"	83°23'26.82532"	P-886	45	22°40'19.54573"	83°17'02.91259"
P-837	39	22°32'18.13566"	83°23'19.63218"	P-887	45	22°40'19.52554"	83°16'55.96702"
P-838	39	22°32'18.92078"	83°23'15.38939"	P-888	45	22°40'16.46081"	83°16'49.79997"
P-839	39	22°32'18.92079"	83°23'15.38939"	P-889	45	22°40'12.89636"	83°16'44.05979"
P-840	39	22°32'20.18457"	83°23'24.26643"	P-890	45	22°40'13.06388"	83°16'40.30332"
P-841	40	22°33'02.71311"	83°24'02.99403"	P-891	45	22°40'19.77597"	83°16'25.92791"
P-842	40	22°33'00.31416"	83°24'00.00441"	P-892	45	22°40'22.07126"	83°16'19.56413"
P-843	40	22°32'26.71705"	83°23'00.00987"	P-893	45	22°40'23.09203"	83°16'13.44821"
P-844	40	22°32'27.59047"	83°22'59.20790"	P-894	45	22°40'26.53039"	83°16'07.76989"
P-845	41	22°37'27.27929"	83°22'27.15689"	P-895	45	22°40'26.99660"	83°16'00.93552"
P-846	41	22°37'26.28348"	83°22'20.63292"	P-896	45	22°40'29.56981"	83°15'54.51667"
P-847	41	22°37'26.28348"	83°22'20.63292"	P-897	45	22°40'34.55214"	83°15'50.84777"
P-848	41	22°37'25.43803"	83°22'13.69115"	P-898	45	22°40'37.08041"	83°15'46.19363"
P-849	41	22°37'19.93724"	83°22'11.26448"	P-899	45	22°40'13.38977"	83°16'35.85444"
P-850	41	22°37'13.50646"	83°22'10.46741"	P-900	45	22°40'15.39800"	83°16'30.15049"
P-901	45	22°40'18.81576"	83°16'27.28884"	P-951	48	22°42'14.10873"	83°12'23.45136"
P-902	46	22°38'41.28602"	83°16'36.40792"	P-952	48	22°42'18.81275"	83°12'18.65825"
P-903	46	22°38'40.80275"	83°16'43.16669"	P-953	48	22°42'25.03093"	83°12'16.71028"
P-904	46	22°38'40.74585"	83°16'43.56299"	P-954	48	22°42'30.58128"	83°12'13.18016"
P-905	46	22°38'25.93037"	83°16'15.54897"	P-955	48	22°42'35.32093"	83°12'08.39875"
P-906	46	22°38'30.80279"	83°16'19.18916"	P-956	48	22°42'40.60970"	83°12'04.38699"
P-907	46	22°38'34.20641"	83°16'13.86320"	P-957	48	22°42'49.81965"	83°11'59.03214"
P-908	46	22°38'38.62510"	83°16'09.19246"	P-958	48	22°42'55.62920"	83°11'55.91929"
P-909	46	22°38'40.26321"	83°16'13.26269"	P-959	48	22°42'58.33661"	83°11'51.61688"
P-910	46	22°38'38.09109"	83°16'17.15674"	P-960	48	22°42'57.18133"	83°11'50.64979"
P-911	46	22°38'36.99489"	83°16'23.44919"	P-961	48	22°42'56.33743"	83°11'50.01470"
P-912	46	22°38'34.61822"	83°16'29.41568"	P-962	48	22°42'43.29977"	83°12'01.56502"
P-913	46	22°38'33.92175"	83°16'32.42275"	P-963	48	22°42'43.56571"	83°12'01.31759"
P-914	46	22°38'38.63279"	83°16'29.76049"	P-964	49	22°36'36.22704"	83°15'31.51727"
P-915	46	22°38'44.22671"	83°16'27.14805"	P-965	49	22°36'47.00059"	83°15'35.82054"
P-916	46	22°38'44.75117"	83°16'31.65100"	P-966	49	22°37'03.61871"	83°15'38.67583"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-917	46	22°38'41.66447"	83°16'35.64363"	P-967	49	22°37'03.72753"	83°15'38.69815"
P-918	46	22°38'44.96032"	83°16'42.71520"	P-968	50	22°35'55.62049"	83°13'51.49775"
P-919	46	22°38'39.89571"	83°16'50.05094"	P-969	50	22°35'49.84151"	83°13'53.03091"
P-920	46	22°38'40.76804"	83°16'44.96645"	P-970	50	22°35'43.63506"	83°13'55.01737"
P-921	46	22°38'40.70226"	83°16'44.81553"	P-971	50	22°35'39.01466"	83°13'59.68497"
P-922	47	22°41'08.76044"	83°13'08.70115"	P-972	50	22°35'36.38650"	83°14'05.98057"
P-923	47	22°41'09.38976"	83°13'03.27940"	P-973	50	22°35'34.70194"	83°14'12.60024"
P-924	47	22°41'20.48806"	83°12'51.62841"	P-974	50	22°35'33.04683"	83°14'19.08292"
P-925	47	22°42'02.14663"	83°12'49.89897"	P-975	50	22°35'30.61078"	83°14'25.56921"
P-926	47	22°42'08.42778"	83°12'48.18496"	P-976	50	22°35'28.17232"	83°14'32.04541"
P-927	47	22°42'14.67353"	83°12'49.59134"	P-977	50	22°35'25.46435"	83°14'38.39136"
P-928	47	22°42'19.30483"	83°12'45.19348"	P-978	50	22°35'24.81881"	83°14'44.66204"
P-929	47	22°42'22.85541"	83°12'41.27838"	P-979	50	22°35'29.63087"	83°14'49.35919"
P-930	47	22°42'22.85541"	83°12'41.27838"	P-980	50	22°35'31.56917"	83°14'55.83484"
P-931	47	22°42'28.08274"	83°12'43.97781"	P-981	50	22°35'59.10779"	83°13'53.28047"
P-932	47	22°42'33.27388"	83°12'46.25157"	P-982	50	22°36'02.52596"	83°13'44.46983"
P-933	47	22°42'37.99639"	83°12'50.97232"	P-983	50	22°36'02.77453"	83°13'51.38107"
P-934	47	22°42'43.44396"	83°12'54.71068"	P-984	50	22°36'10.81037"	83°13'29.27610"
P-935	47	22°42'49.45475"	83°12'53.68806"	P-985	50	22°36'09.82513"	83°13'35.24345"
P-936	47	22°42'54.69729"	83°12'50.83022"	P-986	50	22°36'10.06252"	83°13'40.38855"
P-937	47	22°42'59.34985"	83°12'46.60055"	P-987	50	22°36'03.97383"	83°13'39.63094"
P-938	47	22°43'04.83093"	83°12'43.02305"	P-988	50	22°35'59.10779"	83°13'53.28047"
P-939	47	22°43'11.17164"	83°12'42.73622"	P-989	50	22°36'03.53824"	83°13'39.94780"
P-940	47	22°43'16.60387"	83°12'42.37742"	P-990	50	22°36'13.48807"	83°12'59.94165"
P-941	47	22°43'22.50090"	83°12'39.95927"	P-991	50	22°36'10.38152"	83°13'05.89507"
P-942	47	22°43'25.95962"	83°12'44.14428"	P-992	50	22°36'09.79577"	83°13'12.73240"
P-943	47	22°43'27.34545"	83°12'50.50268"	P-993	50	22°36'09.45297"	83°13'19.54518"
P-944	47	22°43'32.81837"	83°12'50.81030"	P-994	50	22°36'11.41426"	83°13'25.81544"
P-945	47	22°43'36.74831"	83°12'45.48619"	P-995	50	22°36'11.39480"	83°13'26.31334"
P-946	47	22°43'41.69159"	83°12'42.59490"	P-996	50	22°36'33.67983"	83°12'44.78140"
P-947	47	22°43'41.89652"	83°12'42.58838"	P-997	50	22°36'29.22221"	83°12'49.78015"
P-948	48	22°41'57.36530"	83°12'31.70690"	P-998	50	22°36'24.17047"	83°12'53.85272"
P-949	48	22°42'02.39618"	83°12'28.13313"	P-999	50	22°36'21.44947"	83°12'58.66065"
P-950	48	22°42'08.40578"	83°12'25.77915"	P-1000	50	22°36'16.98142"	83°13'01.20738"
P-1001	50	22°36'39.85928"	83°12'43.34177"	P-1051	53	22°32'01.85052"	83°11'49.01985"
P-1002	50	22°37'03.50793"	83°12'28.30533"	P-1052	53	22°31'58.10098"	83°11'53.67109"
P-1003	50	22°36'58.75703"	83°12'32.31864"	P-1053	53	22°31'55.91038"	83°12'00.25745"
P-1004	50	22°36'53.97698"	83°12'37.05366"	P-1054	53	22°31'57.15851"	83°12'07.07019"
P-1005	50	22°36'52.96900"	83°12'37.94988"	P-1055	53	22°31'59.22186"	83°12'13.70142"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-1006	51	22°33'20.01436"	83°15'03.73364"	P-1056	53	22°32'19.57219"	83°11'07.78846"
P-1007	51	22°33'30.15599"	83°15'01.02399"	P-1057	53	22°32'18.96171"	83°11'14.72805"
P-1008	51	22°33'34.86268"	83°14'56.20108"	P-1058	53	22°32'19.13819"	83°11'21.71372"
P-1009	51	22°33'40.93722"	83°14'48.08151"	P-1059	53	22°32'19.56852"	83°11'28.69562"
P-1010	51	22°33'44.70727"	83°14'44.08684"	P-1060	53	22°32'19.65595"	83°11'30.92101"
P-1011	51	22°33'48.59046"	83°14'43.41070"	P-1061	53	22°33'20.50723"	83°06'47.50869"
P-1012	51	22°33'48.59046"	83°14'43.41070"	P-1062	53	22°33'22.62856"	83°06'46.27428"
P-1013	51	22°33'54.68352"	83°14'41.10641"	P-1063	53	22°32'09.11261"	83°07'43.70493"
P-1014	51	22°34'00.58984"	83°14'38.79917"	P-1064	53	22°32'14.90183"	83°07'40.52374"
P-1015	51	22°34'06.51686"	83°14'40.01810"	P-1065	53	22°32'20.60865"	83°07'37.17427"
P-1016	51	22°34'11.63562"	83°14'43.42688"	P-1066	53	22°32'26.26184"	83°07'33.73795"
P-1017	51	22°34'14.30658"	83°14'47.62173"	P-1067	53	22°32'32.15808"	83°07'30.79400"
P-1018	52	22°31'17.78605"	83°12'58.53221"	P-1068	53	22°32'37.74015"	83°07'27.26345"
P-1019	52	22°31'11.67674"	83°13'00.70683"	P-1069	53	22°32'42.59231"	83°07'25.77933"
P-1020	52	22°31'10.00508"	83°13'01.83946"	P-1070	53	22°32'36.69418"	83°07'28.71940"
P-1021	52	22°30'54.64014"	83°13'18.32324"	P-1071	53	22°32'30.86018"	83°07'31.80634"
P-1022	52	22°31'01.08690"	83°13'18.16915"	P-1072	53	22°32'24.99551"	83°07'34.80863"
P-1023	52	22°31'08.92951"	83°13'02.86225"	P-1073	53	22°32'19.36811"	83°07'38.31088"
P-1024	52	22°31'04.24661"	83°13'06.83488"	P-1074	53	22°32'13.66272"	83°07'41.66051"
P-1025	52	22°30'57.98251"	83°13'08.47253"	P-1075	53	22°32'09.08794"	83°07'44.23544"
P-1026	52	22°31'11.94832"	83°13'16.59357"	P-1076	53	22°32'50.22572"	83°07'19.97820"
P-1027	52	22°31'13.67593"	83°13'16.10908"	P-1077	53	22°32'54.52128"	83°07'14.73311"
P-1028	53	22°32'14.73880"	83°09'28.03450"	P-1078	53	22°32'58.84369"	83°07'09.50601"
P-1029	53	22°32'10.75184"	83°09'32.73913"	P-1079	53	22°33'03.19954"	83°07'04.31126"
P-1030	53	22°32'09.25004"	83°09'39.51686"	P-1080	53	22°33'07.68688"	83°06'59.24794"
P-1031	53	22°32'09.46870"	83°09'46.48835"	P-1081	53	22°33'12.23043"	83°06'54.24261"
P-1032	53	22°32'10.82346"	83°09'53.33236"	P-1082	53	22°33'17.30882"	83°06'49.93834"
P-1033	53	22°32'11.88472"	83°10'00.15970"	P-1083	53	22°33'14.45924"	83°06'52.37133"
P-1034	53	22°32'09.86655"	83°10'06.81157"	P-1084	53	22°33'10.04660"	83°06'57.47962"
P-1035	53	22°32'09.85520"	83°10'09.08796"	P-1085	53	22°33'05.58542"	83°07'02.57010"
P-1036	53	22°32'09.85520"	83°10'09.08796"	P-1086	53	22°33'01.12421"	83°07'07.66049"
P-1037	53	22°32'10.48320"	83°10'15.94080"	P-1087	53	22°32'56.67759"	83°07'12.76537"
P-1038	53	22°32'11.37546"	83°10'21.12656"	P-1088	53	22°32'52.32050"	83°07'17.95906"
P-1039	53	22°32'15.70221"	83°10'25.52029"	P-1089	53	22°32'50.50265"	83°07'20.15468"
P-1040	53	22°32'18.79763"	83°10'30.89942"	P-1090	53	22°29'54.01290"	83°07'20.73060"
P-1041	53	22°32'19.14657"	83°10'34.86727"	P-1091	53	22°29'57.73189"	83°07'26.28883"
P-1042	53	22°32'19.14657"	83°10'34.86727"	P-1092	53	22°30'01.19724"	83°07'32.00340"
P-1043	53	22°32'19.55800"	83°10'41.85099"	P-1093	53	22°30'12.73553"	83°07'36.43637"
P-1044	53	22°32'20.42054"	83°10'48.78437"	P-1094	53	22°30'19.05218"	83°07'38.08897"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-1045	53	22°32'22.57920"	83°10'55.31783"	P-1095	53	22°30'25.27113"	83°07'40.07281"
P-1046	53	22°32'20.94214"	83°11'02.00069"	P-1096	53	22°30'30.23123"	83°07'44.56662"
P-1047	53	22°32'19.36395"	83°11'08.78170"	P-1097	53	22°30'35.16190"	83°07'49.12270"
P-1048	53	22°32'19.31816"	83°11'09.00013"	P-1098	53	22°30'40.39681"	83°07'53.27078"
P-1049	53	22°32'13.98473"	83°11'44.23201"	P-1099	53	22°30'45.10310"	83°07'55.97348"
P-1050	53	22°32'07.88780"	83°11'46.44259"	P-1100	53	22°30'46.98503"	83°07'56.99970"
P-1101	53	22°30'52.79786"	83°08'00.13191"	P-1151	54	22°35'07.27898"	83°07'12.59560"
P-1102	53	22°30'58.95437"	83°08'02.29019"	P-1152	54	22°35'10.81092"	83°07'11.22557"
P-1103	53	22°31'05.39572"	83°08'02.63047"	P-1153	54	22°34'47.69928"	83°06'40.81628"
P-1104	53	22°31'11.88279"	83°08'02.17960"	P-1154	54	22°34'52.37744"	83°06'45.43752"
P-1105	53	22°31'18.36827"	83°08'01.70329"	P-1155	54	22°34'54.00887"	83°06'52.10077"
P-1106	53	22°31'24.85899"	83°08'01.31758"	P-1156	54	22°34'55.16060"	83°06'58.98765"
P-1107	53	22°31'31.34970"	83°08'00.93187"	P-1157	54	22°34'55.63531"	83°07'03.52753"
P-1108	53	22°31'37.80979"	83°08'00.18861"	P-1158	54	22°33'58.71924"	83°06'36.89568"
P-1109	53	22°31'40.90148"	83°07'59.75790"	P-1159	54	22°34'05.04936"	83°06'36.14856"
P-1110	53	22°32'01.20527"	83°07'48.41384"	P-1160	54	22°34'11.46288"	83°06'35.02650"
P-1111	53	22°32'06.83544"	83°07'44.92630"	P-1161	54	22°34'17.94182"	83°06'34.54892"
P-1112	53	22°32'05.58186"	83°07'46.20888"	P-1162	54	22°34'23.65184"	83°06'31.60621"
P-1113	53	22°32'01.37787"	83°07'48.57511"	P-1163	54	22°34'29.67823"	83°06'33.91105"
P-1114	53	22°32'20.65955"	83°08'34.00408"	P-1164	54	22°34'35.84667"	83°06'35.55354"
P-1115	53	22°32'27.10573"	83°08'33.11470"	P-1165	54	22°34'41.00606"	83°06'39.72728"
P-1116	53	22°32'33.08492"	83°08'43.91297"	P-1166	54	22°34'46.78484"	83°06'39.98186"
P-1117	53	22°32'33.40329"	83°08'50.81213"	P-1167	54	22°34'47.69928"	83°06'40.81628"
P-1118	53	22°32'32.82192"	83°09'00.07047"	P-1168	54	22°35'22.05132"	83°07'18.57858"
P-1119	53	22°32'29.09443"	83°09'05.75438"	P-1169	54	22°35'23.40136"	83°07'25.11389"
P-1120	53	22°32'24.44907"	83°09'10.64920"	P-1170	54	22°35'29.68780"	83°07'25.61833"
P-1121	53	22°32'19.72158"	83°09'15.06845"	P-1171	54	22°35'35.23892"	83°07'22.02182"
P-1122	53	22°31'40.90148"	83°07'59.75790"	P-1172	54	22°35'41.21391"	83°07'19.65500"
P-1123	53	22°31'46.75247"	83°07'58.31402"	P-1173	54	22°35'47.16025"	83°07'16.92453"
P-1124	53	22°31'51.07391"	83°07'53.90598"	P-1174	54	22°35'53.38335"	83°07'15.14932"
P-1125	53	22°31'56.85587"	83°07'50.70786"	P-1175	54	22°35'59.85658"	83°07'15.51640"
P-1126	53	22°32'01.75039"	83°07'49.87367"	P-1176	54	22°36'05.56648"	83°07'16.60509"
P-1127	53	22°32'03.84490"	83°07'56.49818"	P-1177	54	22°36'08.45016"	83°07'22.85418"
P-1128	53	22°32'03.55412"	83°08'03.41245"	P-1178	54	22°36'11.78969"	83°07'28.79886"
P-1129	53	22°32'03.28740"	83°08'10.39230"	P-1179	54	22°36'14.85949"	83°07'29.32869"
P-1130	53	22°32'01.36659"	83°08'16.78453"	P-1180	54	22°36'18.77900"	83°07'33.87431"
P-1131	53	22°31'58.88943"	83°08'22.25836"	P-1181	54	22°36'20.94119"	83°07'39.44344"
P-1132	53	22°32'02.32950"	83°08'26.01616"	P-1182	54	22°36'20.94119"	83°07'39.44344"
P-1133	53	22°32'08.68341"	83°08'27.40407"	P-1183	54	22°36'22.08664"	83°07'45.76228"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-1134	53	22°32'13.96609"	83°08'30.94231"	P-1184	54	22°36'21.19950"	83°07'52.61579"
P-1135	53	22°32'18.61143"	83°08'34.41818"	P-1185	54	22°36'21.02810"	83°07'59.58578"
P-1136	53	22°32'20.65955"	83°08'34.00408"	P-1186	54	22°36'18.18461"	83°08'05.87022"
P-1137	53	22°32'33.37780"	83°08'51.07206"	P-1187	54	22°36'18.35889"	83°08'12.75522"
P-1138	53	22°32'32.94809"	83°08'43.24451"	P-1188	54	22°36'19.25366"	83°08'19.68861"
P-1139	53	22°32'18.88962"	83°09'15.73567"	P-1189	54	22°36'19.87675"	83°08'26.65442"
P-1140	53	22°32'14.73880"	83°09'28.03450"	P-1190	54	22°36'23.80716"	83°08'28.74886"
P-1141	53	22°32'19.65596"	83°11'30.92101"	P-1191	54	22°33'56.58273"	83°06'35.64467"
P-1142	53	22°32'19.69594"	83°11'31.93901"	P-1192	54	22°33'57.69180"	83°06'35.65152"
P-1143	53	22°33'30.63809"	83°06'46.08741"	P-1193	54	22°33'51.45891"	83°06'35.75589"
P-1144	53	22°33'19.27191"	83°06'48.81597"	P-1194	54	22°33'44.86910"	83°06'34.77016"
P-1145	53	22°33'33.41307"	83°06'44.82228"	P-1195	54	22°33'58.19841"	83°06'36.26036"
P-1146	53	22°33'34.27573"	83°06'44.06477"	P-1196	54	22°33'58.71924"	83°06'36.89568"
P-1147	53	22°32'46.91249"	83°07'22.75674"	P-1197	54	22°33'52.89395"	83°06'35.99420"
P-1148	53	22°32'47.21210"	83°07'23.54791"	P-1198	54	22°33'56.58273"	83°06'35.64467"
P-1149	54	22°34'55.76232"	83°07'07.74336"	P-1199	55	22°29'52.53647"	83°08'17.29608"
P-1150	54	22°35'01.01762"	83°07'11.68818"	P-1200	55	22°29'54.03008"	83°08'10.65139"
P-1201	55	22°29'53.34176"	83°08'03.89370"	P-1251	60	22°24'37.65114"	83°07'24.67634"
P-1202	55	22°29'53.76581"	83°07'57.10356"	P-1252	60	22°24'34.19438"	83°07'30.57262"
P-1203	55	22°29'53.85058"	83°07'48.08691"	P-1253	60	22°24'30.53828"	83°07'36.33562"
P-1204	55	22°29'51.28612"	83°07'41.71858"	P-1254	60	22°24'26.34086"	83°07'41.59342"
P-1205	55	22°29'50.18870"	83°07'39.23822"	P-1255	60	22°24'23.96956"	83°07'47.59860"
P-1206	56	22°29'34.91035"	83°07'30.28361"	P-1256	60	22°24'27.08345"	83°07'53.73549"
P-1207	56	22°29'39.66539"	83°07'32.69884"	P-1257	60	22°24'30.25425"	83°07'59.83867"
P-1208	56	22°29'44.76843"	83°07'36.99987"	P-1258	60	22°24'33.37397"	83°08'05.97157"
P-1209	56	22°29'45.35837"	83°07'37.14135"	P-1259	60	22°24'36.44043"	83°08'12.13585"
P-1210	57	22°29'01.87857"	83°07'10.97935"	P-1260	60	22°24'39.61970"	83°08'18.23413"
P-1211	57	22°29'08.19704"	83°07'10.40837"	P-1261	60	22°24'42.72861"	83°08'24.37420"
P-1212	57	22°29'14.65652"	83°07'10.22704"	P-1262	60	22°24'45.70118"	83°08'30.59008"
P-1213	57	22°29'20.53589"	83°07'12.18342"	P-1263	60	22°24'48.55059"	83°08'36.87422"
P-1214	57	22°29'26.30927"	83°07'15.23988"	P-1264	60	22°24'50.75865"	83°08'43.43550"
P-1215	57	22°29'26.80313"	83°07'15.67322"	P-1265	60	22°24'52.74338"	83°08'50.09328"
P-1216	58	22°27'43.91218"	83°07'17.86809"	P-1266	60	22°24'54.72802"	83°08'56.75112"
P-1217	58	22°27'46.46788"	83°07'11.48260"	P-1267	60	22°24'55.78217"	83°09'00.28756"
P-1218	58	22°27'51.25179"	83°07'06.98851"	P-1268	61	22°21'08.42015"	83°06'59.93348"
P-1219	58	22°27'56.63810"	83°07'03.15777"	P-1269	61	22°21'14.47642"	83°07'02.26621"
P-1220	58	22°28'07.64256"	83°06'52.93766"	P-1270	61	22°21'20.39608"	83°07'05.13572"
P-1221	58	22°28'14.86406"	83°06'54.03297"	P-1271	61	22°21'26.68629"	83°07'06.68356"
P-1222	58	22°28'21.08844"	83°06'52.92810"	P-1272	61	22°21'33.15666"	83°07'07.13045"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-1223	58	22°28'27.49400"	83°06'52.12112"	P-1273	61	22°21'38.56934"	83°07'03.53122"
P-1224	58	22°28'33.93090"	83°06'52.58245"	P-1274	61	22°21'44.95516"	83°07'03.23623"
P-1225	58	22°28'39.74305"	83°06'55.62881"	P-1275	61	22°21'46.29875"	83°07'03.32183"
P-1226	58	22°28'43.73234"	83°07'01.03254"	P-1276	61	22°21'46.29875"	83°07'03.32183"
P-1227	58	22°28'49.00976"	83°07'02.61290"	P-1277	61	22°21'52.66250"	83°07'04.55600"
P-1228	58	22°28'51.07099"	83°07'06.36629"	P-1278	61	22°21'58.83975"	83°07'06.71055"
P-1229	59	22°26'48.01094"	83°07'41.08644"	P-1279	61	22°22'05.18687"	83°07'07.24551"
P-1230	59	22°26'54.12971"	83°07'38.72958"	P-1280	61	22°22'11.03892"	83°07'04.74286"
P-1231	59	22°27'00.35946"	83°07'37.04523"	P-1281	61	22°22'16.22590"	83°07'00.80788"
P-1232	59	22°27'06.85822"	83°07'37.09030"	P-1282	61	22°22'16.28537"	83°07'00.77754"
P-1233	59	22°27'12.92275"	83°07'35.24914"	P-1283	62	22°20'30.37465"	83°07'02.04263"
P-1234	59	22°27'18.78717"	83°07'35.51356"	P-1284	62	22°20'31.70180"	83°07'08.87964"
P-1235	59	22°27'25.04401"	83°07'33.61604"	P-1285	62	22°20'32.58220"	83°07'15.78542"
P-1236	59	22°27'31.29915"	83°07'31.73058"	P-1286	62	22°20'36.06271"	83°07'20.33068"
P-1237	59	22°27'36.37001"	83°07'29.35725"	P-1287	62	22°20'41.87380"	83°07'23.10783"
P-1238	60	22°23'40.38123"	83°07'12.49243"	P-1288	62	22°20'46.77526"	83°07'27.69539"
P-1239	60	22°23'46.52429"	83°07'13.87767"	P-1289	62	22°20'52.86685"	83°07'29.15417"
P-1240	60	22°23'51.47364"	83°07'18.40784"	P-1290	62	22°20'56.07061"	83°07'34.73804"
P-1241	60	22°23'56.58670"	83°07'22.72504"	P-1291	62	22°20'56.51831"	83°07'36.30567"
P-1242	60	22°24'01.69972"	83°07'27.04233"	P-1292	62	22°20'56.51831"	83°07'36.30567"
P-1243	60	22°24'06.81270"	83°07'31.35971"	P-1293	62	22°20'57.09957"	83°07'43.26276"
P-1244	60	22°24'11.92564"	83°07'35.67719"	P-1294	62	22°20'58.56894"	83°07'50.01941"
P-1245	60	22°24'17.03854"	83°07'39.99475"	P-1295	62	22°20'58.54249"	83°07'57.00780"
P-1246	60	22°24'22.13645"	83°07'44.32683"	P-1296	62	22°20'59.99267"	83°08'03.75942"
P-1247	60	22°24'25.02236"	83°07'44.10461"	P-1297	62	22°21'03.86931"	83°08'08.95395"
P-1248	60	22°24'28.41729"	83°07'38.26115"	P-1298	62	22°21'09.30337"	83°08'12.29742"
P-1249	60	22°24'32.54418"	83°07'32.90715"	P-1299	62	22°21'14.95336"	83°08'15.71147"
P-1250	60	22°24'35.92759"	83°07'26.94087"	P-1300	62	22°21'21.18131"	83°08'17.49445"
P-1301	62	22°21'26.24066"	83°08'21.44559"	P-1351	65	22°13'07.01136"	83°06'57.22308"
P-1302	62	22°21'28.19190"	83°08'23.07502"	P-1352	65	22°13'11.77431"	83°07'01.97499"
P-1303	63	22°18'45.17739"	83°05'35.06011"	P-1353	65	22°13'16.63636"	83°07'06.60439"
P-1304	63	22°18'46.54283"	83°05'41.88877"	P-1354	65	22°13'17.77957"	83°07'07.53340"
P-1305	63	22°18'49.17475"	83°05'48.18904"	P-1355	65	22°14'38.03120"	83°06'05.46541"
P-1306	63	22°18'52.77018"	83°05'53.99859"	P-1356	65	22°14'44.42493"	83°06'06.72835"
P-1307	63	22°18'57.95810"	83°05'58.17978"	P-1357	65	22°14'50.76797"	83°06'08.14640"
P-1308	63	22°19'03.14110"	83°06'02.30389"	P-1358	65	22°14'57.26198"	83°06'07.95821"
P-1309	63	22°19'09.01762"	83°06'05.29069"	P-1359	65	22°15'03.75963"	83°06'07.76037"
P-1310	63	22°19'14.83127"	83°06'08.40159"	P-1360	65	22°15'06.03276"	83°06'07.72238"
P-1311	63	22°19'20.68160"	83°06'11.40913"	P-1361	65	22°12'21.69764"	83°06'10.25753"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-1312	63	22°19'24.10893"	83°06'13.15843"	P-1362	65	22°12'28.19202"	83°06'10.26061"
P-1313	64	22°16'04.77634"	83°06'06.11773"	P-1363	65	22°12'34.65315"	83°06'09.67398"
P-1314	64	22°16'11.24320"	83°06'06.55539"	P-1364	65	22°12'40.89726"	83°06'07.74884"
P-1315	64	22°16'17.70927"	83°06'07.14954"	P-1365	65	22°12'43.82615"	83°06'06.75261"
P-1316	64	22°16'30.33615"	83°06'03.48778"	P-1366	65	22°12'43.82615"	83°06'06.75261"
P-1317	64	22°16'36.61023"	83°06'01.67687"	P-1367	65	22°12'49.90847"	83°06'04.30405"
P-1318	64	22°16'42.81594"	83°05'59.60387"	P-1368	65	22°12'56.05064"	83°06'02.03699"
P-1319	64	22°16'46.36698"	83°05'58.50464"	P-1369	65	22°13'02.33784"	83°06'00.35898"
P-1320	64	22°16'46.36698"	83°05'58.50464"	P-1370	65	22°13'08.77507"	83°05'59.41544"
P-1321	64	22°16'52.61382"	83°05'56.57095"	P-1371	65	22°13'15.21367"	83°05'58.45075"
P-1322	64	22°16'58.86066"	83°05'54.63721"	P-1372	65	22°13'24.85435"	83°05'58.89044"
P-1323	64	22°17'05.10749"	83°05'52.70343"	P-1373	65	22°13'30.34908"	83°06'02.62192"
P-1324	64	22°17'11.35222"	83°05'50.76199"	P-1374	65	22°13'35.82610"	83°06'06.38330"
P-1325	64	22°17'17.60568"	83°05'48.86781"	P-1375	65	22°13'42.19943"	83°06'06.29156"
P-1326	64	22°17'23.83798"	83°05'46.88300"	P-1376	65	22°13'48.62730"	83°06'05.31245"
P-1327	64	22°17'24.79600"	83°05'46.65798"	P-1377	65	22°13'51.60208"	83°06'04.96066"
P-1328	64	22°17'33.48919"	83°05'44.99041"	P-1378	65	22°13'51.60208"	83°06'04.96066"
P-1329	64	22°17'39.88893"	83°05'43.76275"	P-1379	65	22°13'58.04887"	83°06'04.06199"
P-1330	64	22°17'45.23119"	83°05'41.20359"	P-1380	65	22°14'04.49705"	83°06'03.17419"
P-1331	64	22°17'45.98272"	83°05'38.97724"	P-1381	65	22°14'10.94960"	83°06'02.32510"
P-1332	64	22°17'04.35889"	83°04'16.06582"	P-1382	65	22°14'17.40639"	83°06'01.52793"
P-1333	64	22°17'11.12627"	83°04'21.15771"	P-1383	65	22°14'23.80165"	83°06'02.64609"
P-1334	65	22°12'28.30822"	83°06'21.89191"	P-1384	65	22°14'29.72630"	83°06'03.92121"
P-1335	65	22°12'32.27668"	83°06'27.41710"	P-1385	66	22°08'50.12615"	83°06'40.45743"
P-1336	65	22°12'36.10660"	83°06'33.04138"	P-1386	66	22°08'50.00923"	83°06'33.48102"
P-1337	65	22°12'40.98209"	83°06'37.49743"	P-1387	66	22°08'51.47750"	83°06'26.82819"
P-1338	65	22°12'46.65320"	83°06'40.91052"	P-1388	66	22°08'54.04107"	83°06'20.43919"
P-1339	65	22°12'52.23158"	83°06'44.49346"	P-1389	66	22°08'57.40082"	83°06'14.60550"
P-1340	65	22°12'57.61120"	83°06'48.41211"	P-1390	66	22°09'02.14203"	83°06'09.91365"
P-1341	65	22°13'02.66569"	83°06'52.78197"	P-1391	66	22°09'07.86313"	83°06'06.60435"
P-1342	65	22°13'18.18004"	83°07'07.85883"	P-1392	66	22°09'12.31812"	83°06'01.85540"
P-1343	65	22°13'24.14909"	83°07'10.33555"	P-1393	66	22°09'15.44911"	83°05'55.74312"
P-1344	65	22°13'29.68978"	83°07'13.98426"	P-1394	66	22°08'52.13418"	83°06'40.18419"
P-1345	65	22°13'35.23034"	83°07'17.63659"	P-1395	66	22°08'54.62204"	83°06'44.54065"
P-1346	65	22°13'54.08400"	83°07'16.09876"	P-1396	66	22°08'55.38729"	83°06'51.35877"
P-1347	65	22°14'00.50732"	83°07'17.06210"	P-1397	66	22°08'57.82090"	83°06'57.64647"
P-1348	65	22°14'07.00332"	83°07'16.98085"	P-1398	66	22°09'00.99566"	83°07'01.73085"
P-1349	65	22°14'13.49081"	83°07'17.24040"	P-1399	66	22°09'07.48290"	83°07'02.06313"
P-1350	65	22°14'15.01757"	83°07'17.51148"	P-1400	66	22°09'13.93171"	83°07'01.21111"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-1401	66	22°08'51.12652"	83°06'41.46563"	P-1451	69	22°08'06.11973"	83°09'22.65013"
P-1402	66	22°09'52.27053"	83°06'52.97273"	P-1452	69	22°08'17.32151"	83°10'00.12193"
P-1403	66	22°09'57.80090"	83°06'49.41449"	P-1453	69	22°08'22.03392"	83°09'27.59491"
P-1404	66	22°10'03.15626"	83°06'45.55290"	P-1454	69	22°08'15.79617"	83°09'25.63002"
P-1405	66	22°10'09.44435"	83°06'43.78220"	P-1455	69	22°08'09.62202"	83°09'23.45182"
P-1406	66	22°10'14.95125"	83°06'40.34011"	P-1456	69	22°08'07.64859"	83°09'26.22210"
P-1407	66	22°10'19.36808"	83°06'35.22938"	P-1457	69	22°08'09.58161"	83°09'32.88421"
P-1408	66	22°10'21.53253"	83°06'33.14091"	P-1458	69	22°08'11.51455"	83°09'39.54636"
P-1409	66	22°09'18.63074"	83°07'00.54785"	P-1459	69	22°08'13.44742"	83°09'46.20856"
P-1410	66	22°09'25.03905"	83°06'59.60595"	P-1460	69	22°08'14.98108"	83°09'51.40254"
P-1411	66	22°09'31.48548"	83°06'58.71478"	P-1461	69	22°09'36.87095"	83°09'37.34381"
P-1412	66	22°09'37.91200"	83°06'57.74759"	P-1462	69	22°09'30.44817"	83°09'38.42017"
P-1413	66	22°09'44.23913"	83°06'56.30608"	P-1463	69	22°09'24.03269"	83°09'39.54167"
P-1414	66	22°09'50.26445"	83°06'53.73302"	P-1464	69	22°09'17.61767"	83°09'40.65423"
P-1415	66	22°09'52.27053"	83°06'52.97273"	P-1465	69	22°09'11.12840"	83°09'40.95775"
P-1416	66	22°09'22.38838"	83°05'37.28520"	P-1466	69	22°09'04.70631"	83°09'39.99996"
P-1417	66	22°09'19.75693"	83°05'48.49399"	P-1467	69	22°08'58.38100"	83°09'38.38954"
P-1418	66	22°09'19.75693"	83°05'48.49399"	P-1468	69	22°08'52.06900"	83°09'36.72006"
P-1419	66	22°09'21.31405"	83°05'44.30458"	P-1469	69	22°08'45.77495"	83°09'34.97478"
P-1420	67	22°05'28.12583"	83°07'40.43624"	P-1470	69	22°08'39.48251"	83°09'33.22488"
P-1421	67	22°05'34.37385"	83°07'42.36307"	P-1471	69	22°08'33.23587"	83°09'31.29294"
P-1422	67	22°05'40.68374"	83°07'44.04127"	P-1472	69	22°08'27.00994"	83°09'29.28839"
P-1423	67	22°05'46.81829"	83°07'46.30306"	P-1473	69	22°08'24.42226"	83°09'28.34725"
P-1424	67	22°05'49.51716"	83°07'47.03350"	P-1474	69	22°08'14.98108"	83°09'51.40254"
P-1425	67	22°05'55.83697"	83°07'46.44442"	P-1475	69	22°08'16.06602"	83°09'55.30520"
P-1426	67	22°06'01.95035"	83°07'44.07213"	P-1476	69	22°08'21.43967"	83°12'03.38366"
P-1427	67	22°06'08.10398"	83°07'41.82247"	P-1477	69	22°08'16.48466"	83°12'07.88394"
P-1428	67	22°06'10.72154"	83°07'40.86551"	P-1478	69	22°08'14.13802"	83°12'09.74762"
P-1429	68	22°05'15.40124"	83°08'44.31535"	P-1479	69	22°07'41.37872"	83°11'56.41690"
P-1430	68	22°05'10.13225"	83°08'40.40227"	P-1480	69	22°07'34.87832"	83°11'56.43974"
P-1431	68	22°05'04.18175"	83°08'38.35041"	P-1481	69	22°07'28.64749"	83°11'54.48738"
P-1432	68	22°04'58.20415"	83°08'35.77947"	P-1482	69	22°08'22.62358"	83°11'56.55504"
P-1433	68	22°04'52.84356"	83°08'32.03632"	P-1483	69	22°08'26.06081"	83°11'36.58256"
P-1434	68	22°04'46.70999"	83°08'29.97598"	P-1484	69	22°08'25.41910"	83°11'41.18453"
P-1435	68	22°04'40.32747"	83°08'30.18493"	P-1485	69	22°08'18.07401"	83°10'26.44016"
P-1436	68	22°04'34.38353"	83°08'28.66638"	P-1486	69	22°08'17.24049"	83°10'33.36034"
P-1437	68	22°04'36.16170"	83°08'24.01803"	P-1487	69	22°08'16.50820"	83°10'40.29365"
P-1438	68	22°04'34.88320"	83°08'18.78500"	P-1488	69	22°08'15.90633"	83°10'47.23823"
P-1439	68	22°04'31.26198"	83°08'12.99903"	P-1489	69	22°08'16.77125"	83°10'54.15393"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-1440	68	22°04'27.60305"	83°08'07.23955"	P-1490	69	22°08'17.67047"	83°11'01.06414"
P-1441	68	22°04'23.94640"	83°08'01.47762"	P-1491	69	22°08'19.55975"	83°11'07.63158"
P-1442	68	22°04'20.35505"	83°07'55.66602"	P-1492	69	22°08'22.84883"	83°11'13.65016"
P-1443	68	22°04'16.73200"	83°07'49.87959"	P-1493	69	22°08'25.93374"	83°11'19.79107"
P-1444	68	22°04'16.97042"	83°07'45.95505"	P-1494	69	22°08'27.50342"	83°11'26.23675"
P-1445	69	22°08'18.38734"	83°10'04.27327"	P-1495	69	22°08'26.54114"	83°11'33.13772"
P-1446	69	22°08'19.55237"	83°10'11.06215"	P-1496	69	22°08'24.27769"	83°11'47.99870"
P-1447	69	22°08'18.89877"	83°10'18.00461"	P-1497	69	22°08'23.33068"	83°11'52.89733"
P-1448	69	22°08'18.24508"	83°10'24.94705"	P-1498	69	22°07'06.45056"	83°11'50.23787"
P-1449	69	22°08'18.07401"	83°10'26.44016"	P-1499	69	22°07'00.36473"	83°11'50.93118"
P-1450	69	22°07'59.90535"	83°09'20.60390"	P-1500	69	22°06'58.95891"	83°11'51.19408"
P-1501	69	22°07'26.06964"	83°11'53.18083"	P-1551	71	22°13'15.11483"	83°09'46.92040"
P-1502	69	22°07'19.71502"	83°11'54.61078"	P-1552	71	22°13'15.11483"	83°09'46.92040"
P-1503	69	22°07'13.96445"	83°11'52.58470"	P-1553	71	22°13'12.03908"	83°09'52.44869"
P-1504	69	22°07'08.07452"	83°11'50.23768"	P-1554	71	22°13'05.92235"	83°09'52.09418"
P-1505	69	22°07'06.45056"	83°11'50.23787"	P-1555	71	22°12'59.69874"	83°09'50.53684"
P-1506	70	22°10'16.82971"	83°09'33.39180"	P-1556	71	22°12'55.30083"	83°09'47.34886"
P-1507	70	22°10'10.70364"	83°09'31.05732"	P-1557	71	22°12'49.49833"	83°09'49.32714"
P-1508	70	22°10'04.52850"	83°09'28.88452"	P-1558	71	22°12'44.57031"	83°09'52.90083"
P-1509	70	22°10'03.14368"	83°09'28.49206"	P-1559	71	22°12'41.21933"	83°09'52.88243"
P-1510	70	22°12'29.78865"	83°10'00.49912"	P-1560	71	22°14'42.49654"	83°09'56.75402"
P-1511	70	22°12'23.93622"	83°10'02.99795"	P-1561	71	22°14'36.14614"	83°09'55.39837"
P-1512	70	22°12'19.08356"	83°10'01.68613"	P-1562	71	22°14'29.64843"	83°09'55.18699"
P-1513	70	22°12'16.40595"	83°10'04.26774"	P-1563	71	22°14'23.15500"	83°09'54.87164"
P-1514	70	22°12'13.92103"	83°10'08.88828"	P-1564	71	22°14'19.26512"	83°09'54.62784"
P-1515	70	22°12'07.79776"	83°10'11.22615"	P-1565	71	22°14'03.32196"	83°09'53.75414"
P-1516	70	22°12'01.45392"	83°10'12.09192"	P-1566	71	22°13'57.11421"	83°09'52.63054"
P-1517	70	22°11'55.34660"	83°10'09.72750"	P-1567	71	22°13'51.42908"	83°09'49.28697"
P-1518	70	22°11'49.25185"	83°10'07.30054"	P-1568	71	22°13'45.16895"	83°09'47.43555"
P-1519	70	22°11'43.17132"	83°10'04.83155"	P-1569	71	22°13'38.87160"	83°09'45.70286"
P-1520	70	22°11'37.03893"	83°10'02.51748"	P-1570	71	22°13'35.98640"	83°09'44.91861"
P-1521	70	22°11'30.87812"	83°10'00.29973"	P-1571	72	22°16'13.46821"	83°09'50.07617"
P-1522	70	22°11'24.72604"	83°09'58.04577"	P-1572	72	22°16'07.21534"	83°09'48.17705"
P-1523	70	22°11'18.55557"	83°09'55.84917"	P-1573	72	22°16'04.31597"	83°09'47.38795"
P-1524	70	22°11'12.31582"	83°09'53.89680"	P-1574	72	22°17'48.54221"	83°10'17.62179"
P-1525	70	22°11'06.10339"	83°09'51.84169"	P-1575	72	22°17'44.57827"	83°10'12.25333"
P-1526	70	22°10'59.86393"	83°09'49.88310"	P-1576	72	22°17'39.60490"	83°10'08.10799"
P-1527	70	22°10'54.54759"	83°09'46.08139"	P-1577	72	22°17'34.36039"	83°10'04.17422"
P-1528	70	22°10'49.13541"	83°09'42.27686"	P-1578	72	22°17'33.49804"	83°10'01.71333"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-1529	70	22°10'43.12221"	83°09'40.01273"	P-1579	72	22°18'50.10074"	83°10'31.17399"
P-1530	70	22°10'37.10064"	83°09'37.39101"	P-1580	72	22°18'43.96346"	83°10'33.47613"
P-1531	70	22°10'31.13604"	83°09'35.46734"	P-1581	72	22°18'37.98603"	83°10'36.22200"
P-1532	70	22°10'24.63795"	83°09'35.26979"	P-1582	72	22°18'32.08084"	83°10'37.79999"
P-1533	70	22°10'18.33237"	83°09'33.95803"	P-1583	72	22°18'29.69553"	83°10'35.97011"
P-1534	70	22°10'16.82971"	83°09'33.39180"	P-1584	72	22°17'33.49804"	83°10'01.71333"
P-1535	71	22°14'19.26512"	83°09'54.62784"	P-1585	72	22°17'30.50643"	83°09'55.82710"
P-1536	71	22°14'12.77980"	83°09'54.14907"	P-1586	72	22°17'24.31574"	83°09'54.60649"
P-1537	71	22°14'06.28969"	83°09'53.79920"	P-1587	72	22°17'17.98180"	83°09'55.89582"
P-1538	71	22°14'03.32196"	83°09'53.75414"	P-1588	72	22°17'11.73996"	83°09'54.30898"
P-1539	71	22°15'11.69326"	83°09'49.56259"	P-1589	72	22°17'05.24017"	83°09'54.19438"
P-1540	71	22°15'07.47845"	83°09'50.51137"	P-1590	72	22°17'01.64260"	83°09'54.13094"
P-1541	71	22°15'01.50014"	83°09'51.28155"	P-1591	72	22°19'43.42376"	83°10'55.68963"
P-1542	71	22°14'55.47554"	83°09'53.83551"	P-1592	72	22°19'36.97953"	83°10'54.98817"
P-1543	71	22°14'49.25349"	83°09'55.85060"	P-1593	72	22°19'30.81465"	83°10'52.86372"
P-1544	71	22°14'42.85059"	83°09'56.74015"	P-1594	72	22°19'26.25423"	83°10'48.49384"
P-1545	71	22°14'42.49654"	83°09'56.75402"	P-1595	72	22°19'20.64970"	83°10'47.12953"
P-1546	71	22°13'35.98640"	83°09'44.91861"	P-1596	72	22°19'14.45824"	83°10'49.25036"
P-1547	71	22°13'29.73779"	83°09'43.01204"	P-1597	72	22°19'08.13133"	83°10'48.23109"
P-1548	71	22°13'24.54446"	83°09'39.71368"	P-1598	72	22°19'01.90153"	83°10'47.02833"
P-1549	71	22°13'19.03758"	83°09'40.10727"	P-1599	72	22°18'20.52379"	83°10'30.49244"
P-1550	71	22°13'15.67446"	83°09'44.88430"	P-1600	72	22°18'14.37294"	83°10'30.13277"
P-1601	72	22°18'08.15625"	83°10'28.12057"	P-1651	76	22°24'15.27757"	83°12'27.31476"
P-1602	72	22°18'02.11451"	83°10'26.11107"	P-1652	76	22°24'08.96468"	83°12'28.98181"
P-1603	72	22°19'01.90153"	83°10'47.02833"	P-1653	76	22°25'09.81455"	83°12'12.91298"
P-1604	72	22°18'57.42307"	83°10'43.53632"	P-1654	76	22°25'03.50165"	83°12'14.58016"
P-1605	72	22°18'58.68128"	83°10'37.22802"	P-1655	76	22°24'57.18874"	83°12'16.24731"
P-1606	72	22°19'01.00385"	83°10'30.82312"	P-1656	76	22°24'50.87583"	83°12'17.91442"
P-1607	72	22°18'57.87981"	83°10'27.79200"	P-1657	76	22°24'44.56291"	83°12'19.58149"
P-1608	72	22°18'51.89653"	83°10'30.49601"	P-1658	76	22°24'38.24999"	83°12'21.24853"
P-1609	72	22°18'50.10074"	83°10'31.17399"	P-1659	76	22°24'31.93708"	83°12'22.91554"
P-1610	73	22°21'13.16411"	83°11'45.84089"	P-1660	76	22°24'25.62415"	83°12'24.58251"
P-1611	73	22°21'09.98737"	83°11'39.76061"	P-1661	76	22°25'09.30754"	83°12'13.12344"
P-1612	73	22°21'04.88409"	83°11'35.65737"	P-1662	76	22°25'03.00819"	83°12'14.84892"
P-1613	73	22°20'59.02003"	83°11'32.64368"	P-1663	76	22°24'56.69221"	83°12'16.50194"
P-1614	73	22°20'53.18654"	83°11'29.56984"	P-1664	76	22°24'50.37017"	83°12'18.12852"
P-1615	73	22°20'47.40747"	83°11'26.38694"	P-1665	76	22°24'44.07580"	83°12'19.87206"
P-1616	73	22°20'41.43880"	83°11'23.62269"	P-1666	76	22°24'37.76946"	83°12'21.56766"
P-1617	73	22°20'41.24800"	83°11'23.52748"	P-1667	76	22°24'31.45820"	83°12'23.24085"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-1618	74	22°19'23.96283"	83°16'13.26305"	P-1668	76	22°24'25.11304"	83°12'24.75964"
P-1619	74	22°19'20.10072"	83°16'18.45905"	P-1669	76	22°24'23.40564"	83°12'25.16832"
P-1620	74	22°19'15.38872"	83°16'22.61979"	P-1670	76	22°23'29.06259"	83°12'45.61532"
P-1621	74	22°19'15.19001"	83°16'29.57250"	P-1671	76	22°23'28.64345"	83°12'45.70115"
P-1622	74	22°19'13.47846"	83°16'36.30027"	P-1672	76	22°23'37.79391"	83°12'43.29457"
P-1623	74	22°19'12.68576"	83°16'42.90073"	P-1673	76	22°23'31.50032"	83°12'45.03098"
P-1624	74	22°19'15.45298"	83°16'49.22108"	P-1674	76	22°23'34.61680"	83°12'44.48246"
P-1625	74	22°19'19.49473"	83°16'54.63498"	P-1675	76	22°23'29.06259"	83°12'45.61532"
P-1626	74	22°19'20.89677"	83°16'56.24532"	P-1676	76	22°22'44.88415"	83°13'01.86297"
P-1627	74	22°19'28.96671"	83°16'08.73831"	P-1677	76	22°22'42.87720"	83°13'02.20578"
P-1628	74	22°19'23.96283"	83°16'13.26305"	P-1678	76	22°22'49.99298"	83°13'00.99035"
P-1629	75	22°20'44.12578"	83°14'47.45787"	P-1679	76	22°22'52.74727"	83°13'00.27723"
P-1630	75	22°20'40.17563"	83°14'53.00559"	P-1680	76	22°22'46.40753"	83°13'01.64347"
P-1631	75	22°20'36.89983"	83°14'58.97377"	P-1681	76	22°22'53.96206"	83°12'59.70170"
P-1632	75	22°20'35.28435"	83°15'05.73583"	P-1682	76	22°22'59.05239"	83°12'57.64611"
P-1633	75	22°20'33.34428"	83°15'12.39205"	P-1683	76	22°22'57.96563"	83°12'58.11474"
P-1634	75	22°20'32.05972"	83°15'15.62269"	P-1684	76	22°22'59.76637"	83°12'57.36135"
P-1635	75	22°20'32.05972"	83°15'15.62269"	P-1685	76	22°23'23.39376"	83°12'46.54822"
P-1636	75	22°20'29.55062"	83°15'22.06831"	P-1686	76	22°23'17.45222"	83°12'49.35634"
P-1637	75	22°20'26.89356"	83°15'28.42615"	P-1687	76	22°23'11.42177"	83°12'51.96469"
P-1638	75	22°20'22.35614"	83°15'33.40940"	P-1688	76	22°23'05.45135"	83°12'54.72913"
P-1639	75	22°20'17.52680"	83°15'38.08586"	P-1689	76	22°23'27.98011"	83°12'45.83697"
P-1640	75	22°20'12.61666"	83°15'42.63434"	P-1690	76	22°23'21.68261"	83°12'47.44606"
P-1641	75	22°20'06.64627"	83°15'45.37489"	P-1691	76	22°23'15.73875"	83°12'50.27455"
P-1642	75	22°20'00.57003"	83°15'47.85697"	P-1692	76	22°23'09.72430"	83°12'52.92421"
P-1643	75	22°19'54.84624"	83°15'51.14266"	P-1693	76	22°23'03.73110"	83°12'55.62860"
P-1644	75	22°19'53.47148"	83°15'51.95426"	P-1694	76	22°23'51.65697"	83°12'39.14421"
P-1645	76	22°23'56.79990"	83°12'37.02797"	P-1695	76	22°23'45.38126"	83°12'40.95234"
P-1646	76	22°23'58.69903"	83°12'35.68409"	P-1696	76	22°23'39.13275"	83°12'42.87842"
P-1647	76	22°24'23.34936"	83°12'25.18179"	P-1697	76	22°23'32.86010"	83°12'44.70265"
P-1648	76	22°24'17.01024"	83°12'26.72903"	P-1698	76	22°23'52.45476"	83°12'39.06564"
P-1649	76	22°24'10.66851"	83°12'28.26412"	P-1699	76	22°23'46.20122"	83°12'40.96263"
P-1650	76	22°24'21.59046"	83°12'25.64767"	P-1700	76	22°23'39.94482"	83°12'42.85873"
P-1701	76	22°23'33.68285"	83°12'44.73241"	P-1751	76	22°26'15.66248"	83°14'03.95084"
P-1702	76	22°23'29.06259"	83°12'45.61532"	P-1752	76	22°26'18.02278"	83°13'57.46218"
P-1703	76	22°26'16.84028"	83°12'15.84630"	P-1753	76	22°26'20.03933"	83°13'50.81554"
P-1704	76	22°26'10.49927"	83°12'14.32067"	P-1754	76	22°26'21.97755"	83°13'44.14108"
P-1705	76	22°26'04.14249"	83°12'12.85892"	P-1755	76	22°26'23.91571"	83°13'37.46657"
P-1706	76	22°25'57.75227"	83°12'11.57725"	P-1756	76	22°26'25.85379"	83°13'30.79201"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-1707	76	22°26'16.10785"	83°12'15.68577"	P-1757	76	22°26'27.65867"	83°13'24.07921"
P-1708	76	22°26'09.73832"	83°12'14.28970"	P-1758	76	22°26'29.06569"	83°13'17.25232"
P-1709	76	22°26'03.37898"	83°12'12.84172"	P-1759	76	22°26'24.13928"	83°13'16.00534"
P-1710	76	22°25'56.99141"	83°12'11.54649"	P-1760	76	22°26'17.75685"	83°13'16.03078"
P-1711	76	22°26'20.15716"	83°12'18.16130"	P-1761	76	22°26'21.04892"	83°13'16.13732"
P-1712	76	22°26'19.41711"	83°12'17.49373"	P-1762	76	22°26'27.50273"	83°13'15.39685"
P-1713	76	22°26'28.18059"	83°12'26.48059"	P-1763	76	22°26'30.25064"	83°13'10.49378"
P-1714	76	22°26'23.47557"	83°12'21.65561"	P-1764	76	22°26'30.53135"	83°13'03.53615"
P-1715	76	22°26'28.13799"	83°12'26.79447"	P-1765	76	22°26'30.47208"	83°12'56.54372"
P-1716	76	22°26'23.52012"	83°12'21.87301"	P-1766	76	22°26'30.81639"	83°12'55.75387"
P-1717	76	22°26'34.28212"	83°12'40.19293"	P-1767	76	22°26'30.88168"	83°13'02.74625"
P-1718	76	22°26'36.82747"	83°12'33.75850"	P-1768	76	22°26'30.66420"	83°13'09.71972"
P-1719	76	22°26'38.05826"	83°12'31.08574"	P-1769	76	22°26'29.38828"	83°13'16.57639"
P-1720	76	22°26'35.62893"	83°12'37.57188"	P-1770	76	22°26'28.11229"	83°13'23.43301"
P-1721	76	22°26'48.94954"	83°12'28.90292"	P-1771	76	22°26'26.42223"	83°13'30.17647"
P-1722	76	22°26'42.44978"	83°12'28.98472"	P-1772	76	22°26'24.50178"	83°13'36.85695"
P-1723	76	22°26'35.95072"	83°12'29.06072"	P-1773	76	22°26'22.58127"	83°13'43.53736"
P-1724	76	22°26'48.30935"	83°12'28.97765"	P-1774	76	22°26'20.66068"	83°13'50.21772"
P-1725	76	22°26'41.80957"	83°12'29.05491"	P-1775	76	22°26'18.69355"	83°13'56.88062"
P-1726	76	22°26'35.31068"	83°12'29.12832"	P-1776	76	22°26'16.29822"	83°14'03.37643"
P-1727	76	22°26'30.84607"	83°12'28.76886"	P-1777	76	22°26'12.74354"	83°14'09.22393"
P-1728	76	22°25'52.05906"	83°12'10.56610"	P-1778	76	22°26'08.27864"	83°14'14.29901"
P-1729	76	22°25'45.66925"	83°12'09.28208"	P-1779	76	22°26'07.43019"	83°14'15.24419"
P-1730	76	22°25'39.29058"	83°12'07.93516"	P-1780	76	22°25'35.71810"	83°13'25.35564"
P-1731	76	22°25'45.78292"	83°12'09.17312"	P-1781	76	22°25'29.29907"	83°13'25.68845"
P-1732	76	22°25'39.40287"	83°12'07.83380"	P-1782	76	22°25'27.04756"	83°13'25.68629"
P-1733	76	22°25'39.07242"	83°12'07.76405"	P-1783	76	22°25'33.49840"	83°13'25.57451"
P-1734	76	22°25'22.95796"	83°12'09.46775"	P-1784	76	22°26'04.44388"	83°14'18.57100"
P-1735	76	22°25'16.64067"	83°12'11.11031"	P-1785	76	22°25'59.91005"	83°14'23.58161"
P-1736	76	22°25'19.89573"	83°12'10.25833"	P-1786	76	22°25'55.36708"	83°14'28.58261"
P-1737	76	22°25'13.58864"	83°12'11.95077"	P-1787	76	22°25'50.78551"	83°14'33.54156"
P-1738	76	22°25'28.17682"	83°12'11.06196"	P-1788	76	22°25'46.00894"	83°14'38.23913"
P-1739	76	22°25'28.97009"	83°12'11.31854"	P-1789	76	22°25'47.91824"	83°14'36.08458"
P-1740	76	22°25'35.73875"	83°12'07.74952"	P-1790	76	22°25'52.59073"	83°14'31.22391"
P-1741	76	22°25'39.10191"	83°12'07.89532"	P-1791	76	22°25'57.11270"	83°14'26.20096"
P-1742	76	22°25'33.01535"	83°12'09.30894"	P-1792	76	22°26'01.63462"	83°14'21.17792"
P-1743	76	22°25'30.28062"	83°12'11.25879"	P-1793	76	22°26'06.15652"	83°14'16.15479"
P-1744	76	22°22'40.29200"	83°13'46.20460"	P-1794	76	22°26'07.45150"	83°14'14.71623"
P-1745	76	22°22'40.77391"	83°13'52.47209"	P-1795	76	22°25'48.32324"	83°13'17.99483"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-1746	76	22°22'41.90877"	83°13'59.14678"	P-1796	76	22°25'54.26136"	83°13'15.15265"
P-1747	76	22°22'42.91517"	83°14'05.87261"	P-1797	76	22°26'00.59980"	83°13'15.75082"
P-1748	76	22°22'43.37601"	83°14'06.53269"	P-1798	76	22°26'06.63843"	83°13'18.30385"
P-1749	76	22°26'07.45150"	83°14'14.71623"	P-1799	76	22°26'12.26335"	83°13'15.93736"
P-1750	76	22°26'11.98290"	83°14'09.70296"	P-1800	76	22°26'13.87118"	83°13'15.89567"
P-1801	76	22°26'08.08581"	83°13'18.76395"	P-1851	77	22°27'14.94225"	83°15'01.96902"
P-1802	76	22°26'02.38507"	83°13'16.49103"	P-1852	77	22°27'20.32445"	83°14'58.04814"
P-1803	76	22°25'56.05093"	83°13'15.00813"	P-1853	77	22°27'21.19815"	83°14'57.42511"
P-1804	76	22°25'50.00681"	83°13'17.47816"	P-1854	77	22°27'26.33073"	83°14'53.16137"
P-1805	76	22°25'48.43740"	83°13'18.34835"	P-1855	77	22°27'24.80540"	83°14'54.69131"
P-1806	76	22°21'57.23497"	83°12'37.58011"	P-1856	77	22°27'30.04726"	83°14'50.59025"
P-1807	76	22°21'55.43915"	83°12'30.91268"	P-1857	77	22°27'33.77207"	83°14'45.16479"
P-1808	76	22°21'53.89705"	83°12'24.22391"	P-1858	77	22°27'32.18007"	83°14'48.34513"
P-1809	76	22°21'54.11771"	83°12'17.36653"	P-1859	77	22°27'35.49868"	83°14'42.33174"
P-1810	76	22°21'54.33081"	83°12'10.41817"	P-1860	77	22°27'35.88230"	83°14'12.52191"
P-1811	76	22°21'54.10173"	83°12'14.67954"	P-1861	77	22°27'36.53351"	83°14'11.92703"
P-1812	76	22°21'54.65723"	83°12'21.59466"	P-1862	77	22°27'35.33507"	83°14'20.62900"
P-1813	76	22°21'55.26041"	83°12'28.20940"	P-1863	77	22°27'35.44248"	83°14'22.46380"
P-1814	76	22°21'56.74559"	83°12'34.98230"	P-1864	77	22°27'37.97601"	83°14'37.20669"
P-1815	76	22°22'24.60034"	83°13'07.59552"	P-1865	77	22°27'39.56504"	83°14'30.62617"
P-1816	76	22°22'19.95351"	83°13'02.70821"	P-1866	77	22°27'39.27213"	83°14'34.66795"
P-1817	76	22°22'15.35358"	83°12'57.77086"	P-1867	77	22°27'37.00343"	83°14'25.62441"
P-1818	76	22°22'10.83750"	83°12'52.74383"	P-1868	77	22°27'39.56402"	83°14'29.36732"
P-1819	76	22°22'06.30953"	83°12'47.72921"	P-1869	77	22°27'38.52772"	83°14'27.61050"
P-1820	76	22°22'01.78151"	83°12'42.71468"	P-1870	77	22°26'54.58427"	83°15'46.36850"
P-1821	76	22°21'57.30567"	83°12'37.67914"	P-1871	77	22°26'55.97405"	83°15'43.84726"
P-1822	76	22°21'52.53275"	83°12'32.93632"	P-1872	77	22°26'58.53151"	83°15'40.26502"
P-1823	76	22°22'21.49345"	83°13'13.10055"	P-1873	77	22°26'58.94048"	83°15'39.61410"
P-1824	76	22°22'37.16344"	83°13'03.48387"	P-1874	77	22°26'56.71734"	83°15'53.62147"
P-1825	76	22°22'36.91672"	83°13'03.80388"	P-1875	77	22°26'54.18678"	83°15'47.48564"
P-1826	76	22°22'38.21465"	83°13'03.10575"	P-1876	77	22°26'55.02535"	83°15'50.97265"
P-1827	76	22°22'38.76305"	83°13'02.90850"	P-1877	77	22°27'01.47393"	83°15'33.82657"
P-1828	76	22°22'20.24513"	83°13'13.69394"	P-1878	77	22°27'04.15575"	83°15'27.45669"
P-1829	76	22°22'14.59417"	83°13'17.09821"	P-1879	77	22°27'01.21024"	83°15'34.45589"
P-1830	76	22°22'09.58449"	83°13'21.55143"	P-1880	77	22°27'04.03327"	83°15'28.15682"
P-1831	76	22°22'06.09893"	83°13'27.31678"	P-1881	77	22°27'01.38310"	83°16'00.86192"
P-1832	76	22°22'03.77307"	83°13'33.83814"	P-1882	77	22°27'01.39771"	83°16'00.98217"
P-1833	76	22°22'01.52199"	83°13'40.39409"	P-1883	77	22°27'04.16084"	83°15'21.68494"
P-1834	76	22°21'58.24627"	83°13'46.38847"	P-1884	77	22°27'02.04946"	83°16'02.89673"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-1835	76	22°21'55.26669"	83°13'52.54758"	P-1885	77	22°27'02.28016"	83°16'04.10389"
P-1836	76	22°21'49.25662"	83°13'53.13119"	P-1886	77	22°27'06.63074"	83°16'22.30240"
P-1837	76	22°21'46.65312"	83°13'59.34483"	P-1887	77	22°27'07.39332"	83°16'20.03109"
P-1838	76	22°21'42.02396"	83°14'04.11714"	P-1888	77	22°27'09.92226"	83°16'14.78678"
P-1839	76	22°21'35.91991"	83°14'06.34884"	P-1889	77	22°27'09.00718"	83°16'08.12707"
P-1840	76	22°21'33.88856"	83°14'06.92513"	P-1890	77	22°27'09.16377"	83°16'17.72030"
P-1841	76	22°24'06.42643"	83°12'30.14531"	P-1891	77	22°27'10.01600"	83°16'10.93990"
P-1842	76	22°24'00.86819"	83°12'34.26365"	P-1892	77	22°27'05.80424"	83°16'07.83411"
P-1843	77	22°27'08.14407"	83°16'26.07981"	P-1893	77	22°27'08.61905"	83°16'49.64501"
P-1844	77	22°27'09.77496"	83°15'06.61267"	P-1894	77	22°27'08.55491"	83°16'51.81620"
P-1845	77	22°27'09.71375"	83°15'07.88105"	P-1895	77	22°27'08.49209"	83°16'54.56543"
P-1846	77	22°27'10.33029"	83°16'35.47320"	P-1896	77	22°27'10.68906"	83°16'41.13852"
P-1847	77	22°27'10.06568"	83°16'27.71499"	P-1897	77	22°27'09.02838"	83°16'59.84668"
P-1848	77	22°27'10.57462"	83°16'34.75313"	P-1898	77	22°27'09.15111"	83°16'26.06469"
P-1849	77	22°27'12.87153"	83°15'03.39217"	P-1899	77	22°27'10.05630"	83°16'37.89667"
P-1850	77	22°27'15.28970"	83°15'01.68495"	P-1900	77	22°27'10.35520"	83°17'13.61499"
P-1901	77	22°27'10.49069"	83°17'06.65576"	P-1951	79	22°30'40.71172"	83°20'31.22240"
P-1902	77	22°27'10.44415"	83°17'08.09847"	P-1952	79	22°30'39.19931"	83°19'23.06099"
P-1903	77	22°27'10.37421"	83°17'16.86181"	P-1953	79	22°30'40.45189"	83°20'44.76628"
P-1904	77	22°27'10.77345"	83°16'40.42029"	P-1954	79	22°30'38.93225"	83°20'42.83724"
P-1905	77	22°27'11.27867"	83°17'19.87994"	P-1955	79	22°30'40.72324"	83°19'57.89553"
P-1906	77	22°27'11.51912"	83°17'19.96472"	P-1956	79	22°30'40.95458"	83°20'09.06681"
P-1907	77	22°27'10.48132"	83°17'17.21922"	P-1957	79	22°30'41.24931"	83°20'05.70784"
P-1908	77	22°27'03.93423"	83°15'21.10464"	P-1958	79	22°30'41.42033"	83°20'03.77812"
P-1909	77	22°27'04.19325"	83°15'20.22881"	P-1959	79	22°30'41.39500"	83°20'03.06753"
P-1910	77	22°27'06.97017"	83°15'14.94635"	P-1960	79	22°30'42.95776"	83°20'27.32164"
P-1911	77	22°27'08.36300"	83°15'12.42080"	P-1961	79	22°30'41.10035"	83°19'34.37230"
P-1912	77	22°27'08.40867"	83°15'12.31849"	P-1962	79	22°30'41.68252"	83°20'17.05000"
P-1913	77	22°27'05.99401"	83°16'26.17007"	P-1963	79	22°30'41.97907"	83°20'17.51796"
P-1914	77	22°27'05.49512"	83°16'25.24676"	P-1964	79	22°30'41.03427"	83°20'10.88982"
P-1915	77	22°27'07.47879"	83°16'26.20895"	P-1965	79	22°30'42.91003"	83°19'50.94244"
P-1916	77	22°27'12.60958"	83°17'23.86507"	P-1966	79	22°30'42.51901"	83°20'46.91276"
P-1917	77	22°27'24.07703"	83°17'42.39921"	P-1967	79	22°30'44.03723"	83°20'22.71983"
P-1918	78	22°28'00.59743"	83°18'16.26329"	P-1968	79	22°30'43.94675"	83°20'25.72944"
P-1919	78	22°28'04.05788"	83°18'17.66594"	P-1969	79	22°30'42.98783"	83°20'19.18776"
P-1920	78	22°28'06.91738"	83°18'19.96725"	P-1970	79	22°30'43.90282"	83°20'50.00548"
P-1921	78	22°28'08.24680"	83°18'22.28632"	P-1971	79	22°30'43.33296"	83°20'48.36208"
P-1922	78	22°28'07.91734"	83°18'21.18364"	P-1972	79	22°30'44.24092"	83°19'38.24548"
P-1923	78	22°28'10.37151"	83°18'27.25386"	P-1973	79	22°30'45.30401"	83°19'41.65230"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-1924	78	22°28'13.49609"	83°18'30.19401"	P-1974	79	22°30'44.72625"	83°19'43.99989"
P-1925	78	22°28'15.32729"	83°18'31.18010"	P-1975	79	22°30'44.51086"	83°19'38.41792"
P-1926	78	22°28'22.98203"	83°18'32.65864"	P-1976	79	22°30'47.08983"	83°21'00.16608"
P-1927	78	22°28'23.15391"	83°18'32.57996"	P-1977	79	22°30'44.47954"	83°20'53.48383"
P-1928	78	22°28'24.74557"	83°18'31.00056"	P-1978	79	22°30'46.61781"	83°20'55.62447"
P-1929	78	22°28'26.34321"	83°18'30.13175"	P-1979	79	22°30'47.23042"	83°20'57.35398"
P-1930	78	22°28'28.93336"	83°18'27.79051"	P-1980	79	22°30'48.17936"	83°21'31.96267"
P-1931	78	22°28'31.27058"	83°18'25.75272"	P-1981	79	22°30'48.24112"	83°21'31.57561"
P-1932	78	22°28'32.84110"	83°18'23.36257"	P-1982	79	22°30'48.31435"	83°21'29.71285"
P-1933	78	22°28'35.36677"	83°18'27.03615"	P-1983	79	22°30'48.28519"	83°21'24.28460"
P-1934	78	22°28'37.04797"	83°18'28.81828"	P-1984	79	22°30'48.38566"	83°21'23.35148"
P-1935	78	22°28'39.43895"	83°18'30.94955"	P-1985	79	22°30'48.62090"	83°21'13.96597"
P-1936	78	22°28'41.88881"	83°18'33.47483"	P-1986	79	22°30'47.97274"	83°21'07.37531"
P-1937	78	22°28'44.15095"	83°18'33.56662"	P-1987	79	22°30'48.63130"	83°21'08.03652"
P-1938	78	22°28'47.79151"	83°18'35.59199"	P-1988	79	22°30'49.27730"	83°21'17.73260"
P-1939	78	22°28'48.91060"	83°18'37.07459"	P-1989	79	22°30'48.89258"	83°21'15.20359"
P-1940	78	22°28'50.97002"	83°18'38.79570"	P-1990	79	22°30'51.85160"	83°21'36.52340"
P-1941	79	22°31'59.20214"	83°20'19.67685"	P-1991	79	22°30'54.52102"	83°21'36.32980"
P-1942	79	22°31'58.97879"	83°20'19.91963"	P-1992	79	22°30'59.15773"	83°21'37.82801"
P-1943	79	22°30'34.26274"	83°19'25.23934"	P-1993	79	22°31'07.52279"	83°21'25.35862"
P-1944	79	22°30'34.39112"	83°19'26.67080"	P-1994	79	22°31'08.75174"	83°21'23.06868"
P-1945	79	22°30'34.85580"	83°19'29.50376"	P-1995	79	22°31'10.97988"	83°21'20.90117"
P-1946	79	22°30'35.56880"	83°20'38.79504"	P-1996	79	22°31'14.34723"	83°21'17.42918"
P-1947	79	22°30'37.92978"	83°20'35.92924"	P-1997	79	22°31'15.15242"	83°21'07.80026"
P-1948	79	22°30'37.93265"	83°19'22.69006"	P-1998	79	22°31'16.52994"	83°21'12.01085"
P-1949	79	22°30'35.80614"	83°20'39.06676"	P-1999	79	22°31'16.40664"	83°21'05.34314"
P-1950	79	22°30'40.05892"	83°20'32.59559"	P-2000	79	22°31'16.86026"	83°21'05.11210"
P-2001	79	22°31'21.63493"	83°21'01.98403"	P-2051	79	22°30'48.01347"	83°18'11.48710"
P-2002	79	22°31'23.03075"	83°20'57.25701"	P-2052	79	22°30'50.11427"	83°18'08.74102"
P-2003	79	22°31'24.60591"	83°20'53.95406"	P-2053	79	22°30'47.77917"	83°18'05.32113"
P-2004	79	22°31'22.13214"	83°21'00.35071"	P-2054	79	22°30'48.62036"	83°18'05.96601"
P-2005	79	22°31'26.36520"	83°20'49.32449"	P-2055	79	22°30'51.39486"	83°18'08.37326"
P-2006	79	22°31'37.31764"	83°20'47.89264"	P-2056	79	22°30'57.98199"	83°18'08.27467"
P-2007	79	22°31'31.86134"	83°20'46.04519"	P-2057	79	22°31'03.14951"	83°18'04.55425"
P-2008	79	22°31'34.69339"	83°20'45.37750"	P-2058	79	22°31'09.21827"	83°18'03.13665"
P-2009	79	22°31'53.82203"	83°20'41.69070"	P-2059	79	22°31'12.43994"	83°17'58.40343"
P-2010	79	22°31'53.74165"	83°20'38.38920"	P-2060	79	22°31'12.02941"	83°17'51.46708"
P-2011	79	22°31'54.12378"	83°20'37.04010"	P-2061	79	22°31'12.36650"	83°17'56.57395"
P-2012	79	22°31'55.05139"	83°20'35.52630"	P-2062	79	22°31'11.11364"	83°18'02.64187"



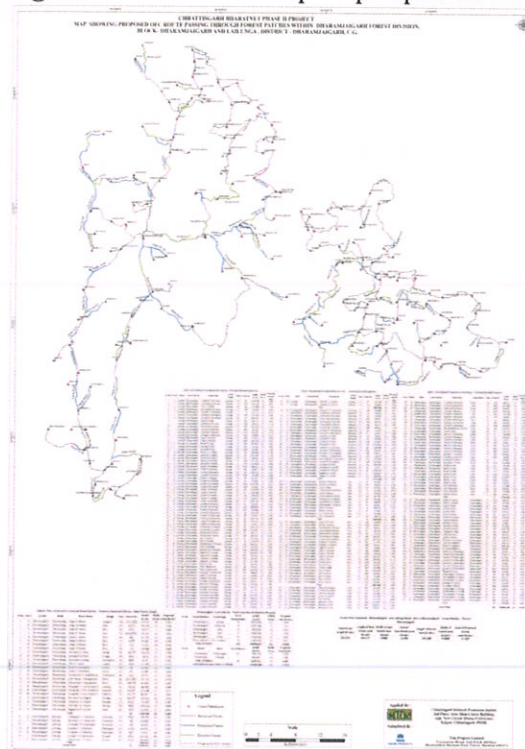
Chhattisgarh BharatNet Phase-II Project

Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-2013	79	22°30'28.16254"	83°18'57.84803"	P-2063	79	22°31'04.84790"	83°18'03.63336"
P-2014	79	22°30'28.18584"	83°18'58.26258"	P-2064	79	22°30'59.97748"	83°18'08.17214"
P-2015	79	22°30'28.44606"	83°18'53.20918"	P-2065	79	22°30'53.52519"	83°18'08.83111"
P-2016	79	22°30'28.35039"	83°18'59.03530"	P-2066	79	22°30'52.56814"	83°18'08.66749"
P-2017	79	22°30'31.00690"	83°18'47.95541"	P-2067	82	22°29'16.78361"	83°13'06.72842"
P-2018	79	22°30'35.42436"	83°18'42.83072"	P-2068	82	22°29'22.74858"	83°13'09.50404"
P-2019	79	22°30'32.42811"	83°18'46.53302"	P-2069	82	22°29'16.91883"	83°13'06.93239"
P-2020	79	22°30'37.00665"	83°18'41.58516"	P-2070	82	22°29'23.61534"	83°13'09.74862"
P-2021	79	22°30'31.51115"	83°19'02.46053"	P-2071	82	22°29'30.01876"	83°13'11.03605"
P-2022	79	22°30'33.44555"	83°19'03.48300"	P-2072	82	22°29'33.63173"	83°13'11.13390"
P-2023	79	22°30'38.60586"	83°18'40.23236"	P-2073	82	22°29'35.57377"	83°13'10.52120"
P-2024	79	22°30'40.04568"	83°18'38.76250"	P-2074	82	22°29'36.33566"	83°13'10.29150"
P-2025	79	22°30'40.51699"	83°18'37.33991"	P-2075	82	22°29'44.53109"	83°13'10.72165"
P-2026	79	22°30'43.14788"	83°19'22.16739"	P-2076	82	22°29'42.40894"	83°13'10.63632"
P-2027	79	22°30'45.19636"	83°19'21.60438"	P-2077	82	22°29'49.22534"	83°13'11.07924"
P-2028	79	22°30'41.51752"	83°18'35.62248"	P-2078	82	22°29'51.31894"	83°13'12.11186"
P-2029	79	22°30'41.43024"	83°18'26.26806"	P-2079	82	22°29'51.60977"	83°13'12.16712"
P-2030	79	22°30'41.75771"	83°18'23.65388"				
P-2031	79	22°30'41.73846"	83°19'10.85476"				
P-2032	79	22°30'42.08423"	83°19'12.44988"				
P-2033	79	22°30'38.52991"	83°19'06.86327"				
P-2034	79	22°30'43.31962"	83°18'17.11830"				
P-2035	79	22°30'43.77099"	83°18'14.64126"				
P-2036	79	22°30'43.95915"	83°18'30.26168"				
P-2037	79	22°30'43.82198"	83°18'28.48992"				
P-2038	79	22°30'46.53280"	83°19'21.70543"				
P-2039	79	22°30'47.07290"	83°19'19.28833"				
P-2040	79	22°30'46.68587"	83°19'17.52314"				
P-2041	79	22°30'46.25853"	83°19'16.63801"				
P-2042	79	22°30'28.85966"	83°18'07.36842"				
P-2043	79	22°30'27.62861"	83°18'08.59403"				
P-2044	79	22°30'35.29780"	83°18'05.31943"				
P-2045	79	22°30'29.46080"	83°18'06.76993"				
P-2046	79	22°30'33.22807"	83°18'05.15284"				
P-2047	79	22°30'39.24130"	83°18'05.15407"				
P-2048	79	22°30'42.17377"	83°18'03.47579"				
P-2049	79	22°30'45.68697"	83°18'13.65231"				
P-2050	79	22°30'44.30625"	83°18'03.23238"				

उत्तराखण्ड न्यायाधीश
नियन्त्रक एवं प्रबन्धक

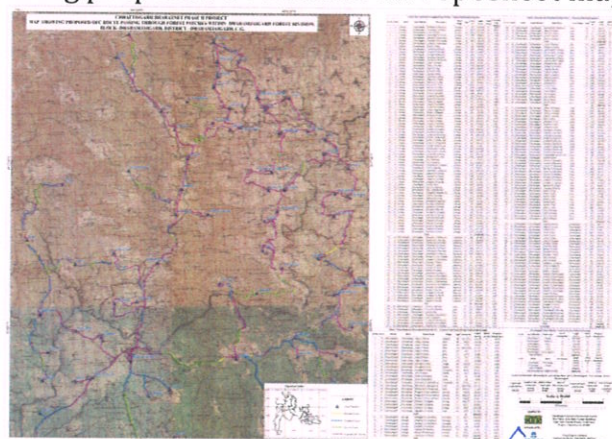
5.3. Geo-Referenced Maps of the Proposed Route (Annexure-3)

5.3.1. Map showing Geo-reference map of proposed OFC Route

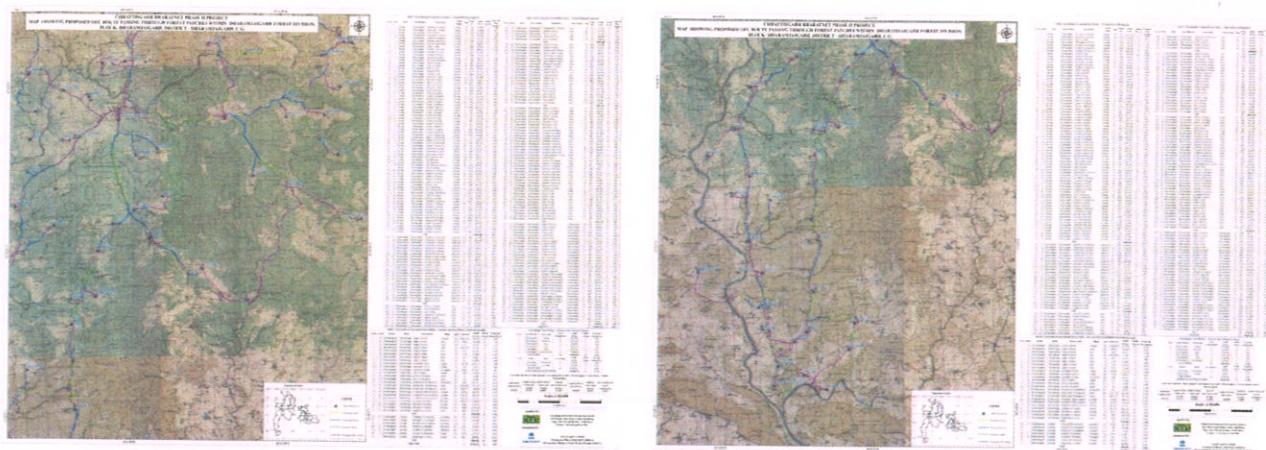


Geo-Referenced Maps of Forest Patched with in Dharamjaigarh Forest Division

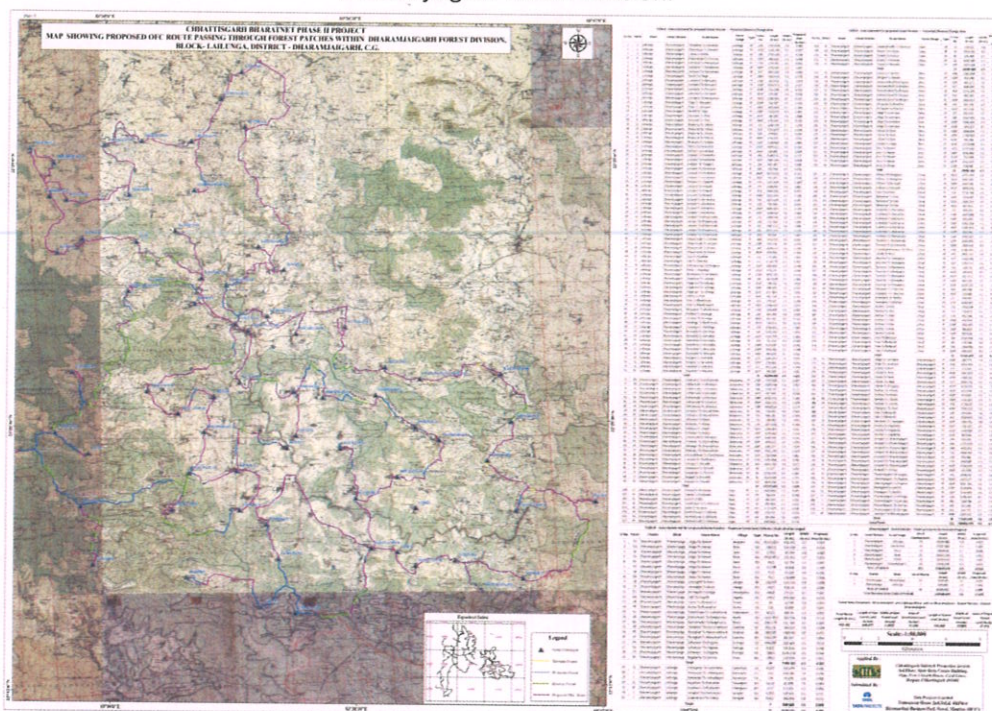
5.3.2. Map showing proposed OFC Route on Toposheet map on 1:50,000 scale.



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Geo-Referenced Toposheet Map of Forest Patched Dharamjaigarh Block (part-1, part-2 and part-3) in Dharamjaigarh Forest Division.



Geo-Referenced Toposheet Map of Forest Patched Lailunga Block in Dharamjaigarh Forest Division.

वसुधैव कुटुम्बकम्
धर्मजयगढ़ वन मंडल

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