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क्रमांक/मा.चि/5463
प्रति,

महासमुन्द, दिनांक 17/10/2019

✓ श्री अजय नायक,
प्राधिकृत अधिकारी,
टाटा प्रोजेक्ट्स लिमिटेड, रायपुर छत्तीसगढ़,
भारत नेट प्रोजेक्ट, ऑफिस नं. 402, चौथा फ्लोर,
मैग्नेटो द मॉल, जी.ई. रोड़, रायपुर

विषय :- भारत सरकार की महत्वपूर्ण योजना "भारतनेट प्रोजेक्ट (A part of Digital India)" के सफल क्रियान्वयन हेतु महासमुन्द जिला के महासमुन्द वनमंडल अंतर्गत बसना पिथौरा एवं सरायपाली ब्लॉक के अंतर्गत शामिल ग्राम पंचायत के मार्ग समानांतर वनभूमि पर आर्टिकल फायबर केबल बिछाने विषयक वनभूमि के गैरवानिकी प्रयोजन हेतु व्यपवर्तन प्रस्ताव हेतु डी.जी.पी.एस./लीडार सर्वे रिपोर्ट के सत्यापन बाबत।

संदर्भ :- आपका आवेदन क्र./भानपो/ओएफसी/वनभूमि/प्रस्ताव/2019-29/13 रायपुर, दिनांक 14.10.2019

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विषयांतर्गत संदर्भित पत्र के तारतम्य में लेख है, कि महासमुन्द जिला के महासमुन्द वनमंडल अंतर्गत बसना पिथौरा एवं सरायपाली ब्लॉक के अंतर्गत शामिल ग्राम पंचायत के मार्ग समानांतर वनभूमि पर आर्टिकल फायबर केबल बिछाने हेतु वनभूमि कुल रकबा 5.966 हेक्टेयर का डी.जी.पी.एस./लीडार सर्वे रिपोर्ट के सत्यापन बाबत प्रस्तुत किया गया है। जिसका सत्यापन उपरांत एक प्रति मूलतः आपको वन संरक्षण अधिनियम 1980 के अंतर्गत प्रस्ताव का ऑनलाईन पंजीयन कराने हेतु प्रेषित किया जा रहा है।

संलग्न :- उपरोक्तानुसार।

✓
वनमंडलाधिकारी,
सामान्य वनमंडल, महासमुन्द

CHHATTISGARH BHARATNET PHASE-II PROJECT
LIDAR/DGPS SURVEY REPORT FOR MAHASAMUND FOREST
DIVISION FOR DIVERSION OF PROPOSED OFC ROUTES

Forest Division : MAHASAMUND
Forest Land (RF/PF/OA) : 5.552 Ha.
Rev. Forest Land : 0.414 Ha.
Total Proposed Diversion Area : 5.966 Ha.
Block : BASNA, PITHORA AND SARAIPALI
District : MAHASAMUND (C.G.)

Applicant -



Chhattisgarh Infotech Promotion Society (CHiPS)
Raipur (Chhattisgarh)

Submitted By -



TATA PROJECTS

Tata Projects Limited, Raipur (Chhattisgarh)

वन मंडलाधिकारी
प्रमाणित वन मंडल, महासमुन्द



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1.3. Location

The proposed OFC Cable route in Mahasamund Forest Division (The OFC route Basna, Pithora and Saraipali Block; District: Mahasamund). The Proposed OFC route length is approx. 427.820km in Basna Block, 565.674 km in Pithora Block and 421.515 km in Saraipali Block hence Total route length is 1415.009 km. The survey site passes through forest ranges Basna, Pithora and Saraipali of Mahasamund Forest Division. The OFC Cable route is covered under Survey of India Toposheets 64 K07, 64 K08, 64 K11, 64 K12, 64 K15, and 64 K16 and 64 O03, 64 O04, and 64 O07 on RF 1:50000.

1.4. Objective

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 radius 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.

4.2. Mobile LiDAR (DGPS) data collection:

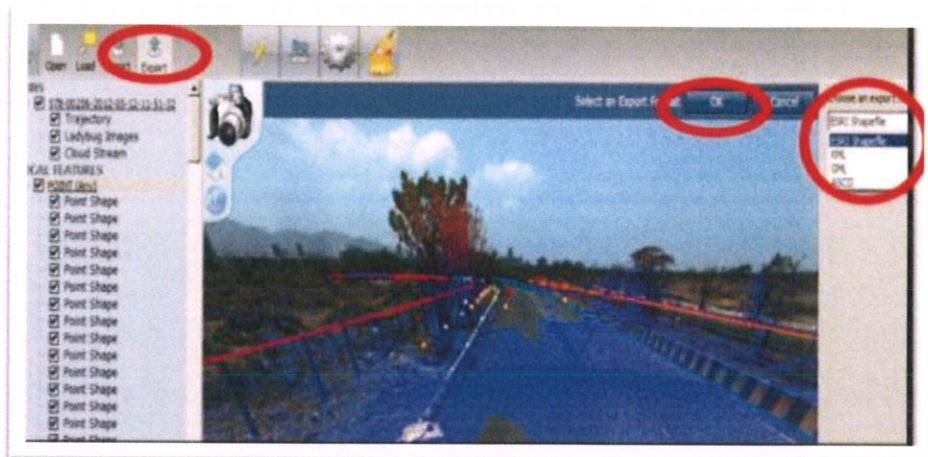
DGPS based Mobile LiDAR data was collected along with 360 degree panoramic view of the OFC route corridor (25 meter on each side along the center of the road).



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



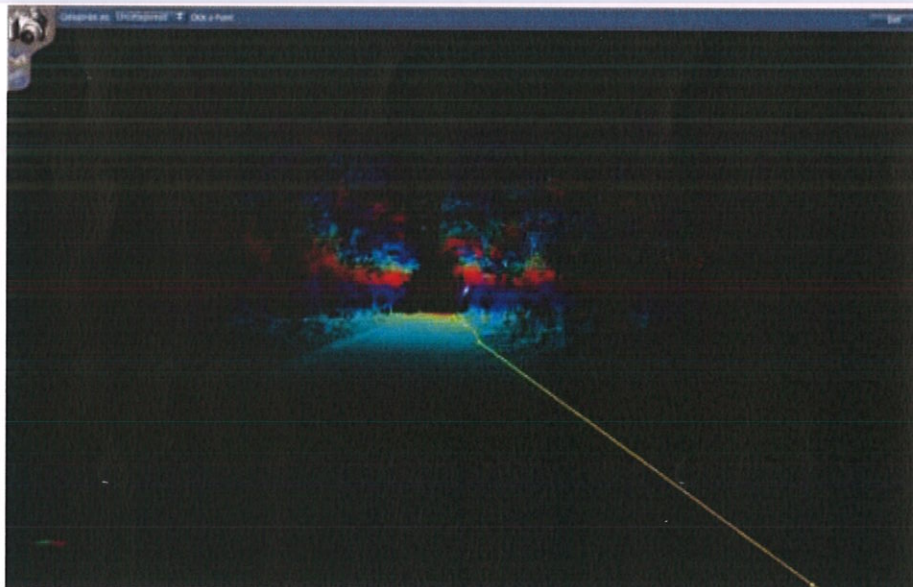
Final DRS / GIS Map

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.



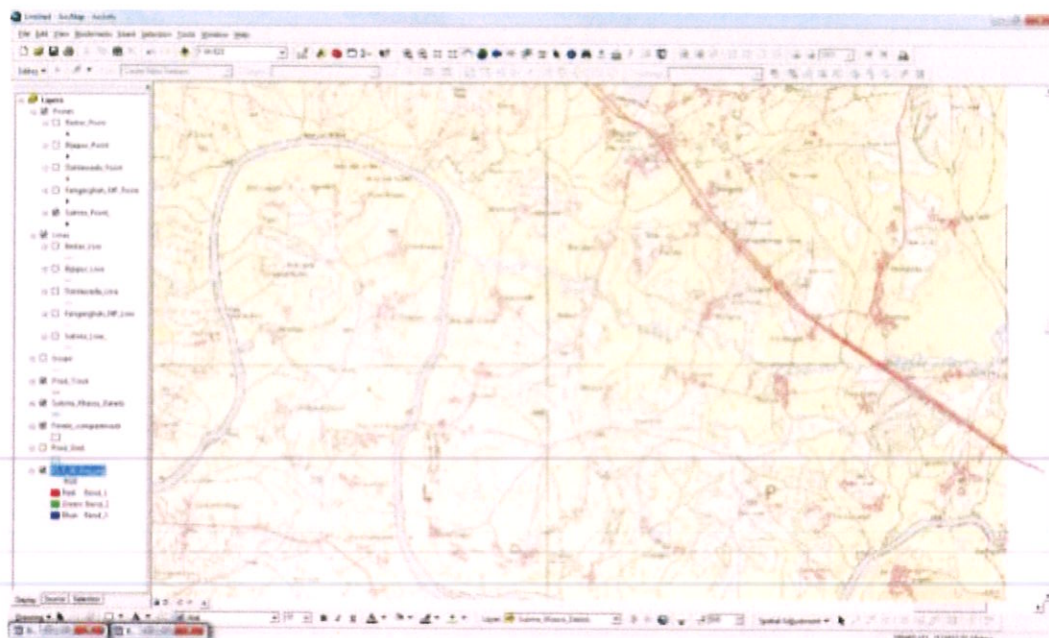
Proposed OFC Line on LiDAR Data (with Panoramic Imagery)



Proposed OFC Line on LiDAR Data only

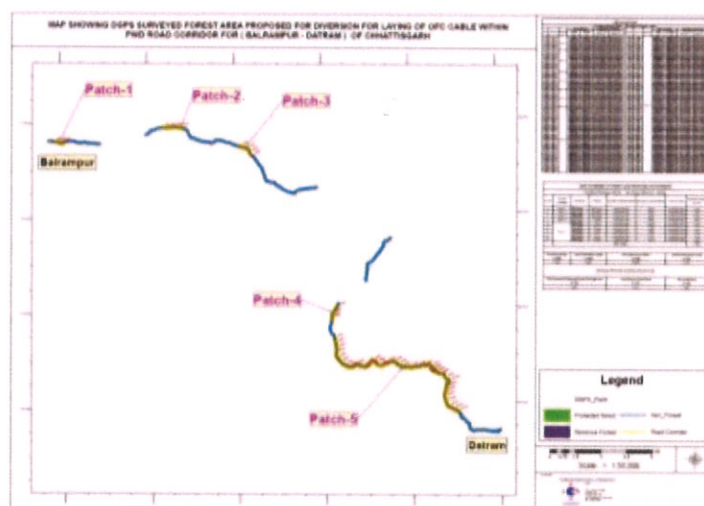
4.5. Geo-referencing of Maps:

Geo-referencing of Revenue Village Maps and SOI Toposheets are to be done. SOI Toposheets would be geo-referenced based on the coordinates provided on the maps whereas Revenue Village Maps would be geo-referenced with the help of GCPs collected on field. (at least 5 GCPs for a village having Government Forest Land are to be collected)



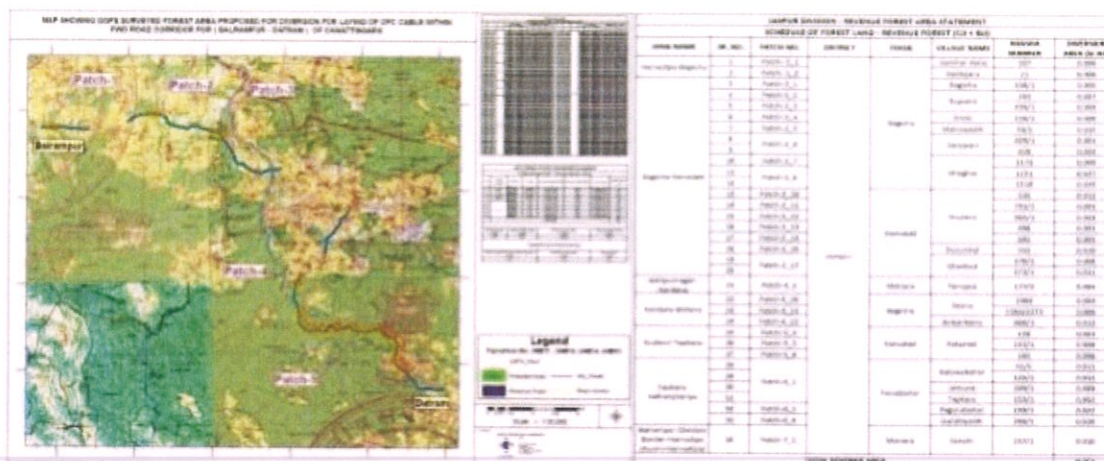
4.6. Creation of Vector Data for Forest Diversion:

Different Layers such as Polygon of Reserved Forest /Protected Forest /Orange Area Patch, Centerline of Proposed OFC Trench, Non-Forest Trench line, Polygons showing Revenue Forest patches etc. are to be created using the Lidar based GPS Observation, Geo-referenced maps and the information provided by the forest department and Revenue department.



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.



Geo-referenced Map

Forest Area Statement

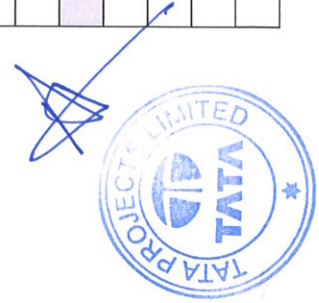
5. DGPS Survey Results

The total OFC route length is approx. 1415.009 km Basna, Pithora and Saraipali block of Mahasamund District. Out of this 1295.685 km OFC route length is passing through non-forest land and 119.324 km OFC route length is passing through Forest Patches hence the proposed forest area for diversion is 5.966 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 – Basna, Pithora and Saraipali Block in Mahasamund Forest Division, District - Mahasamund						
Total Route Length (in K.M)	Length of Non Forest Land(in K.M)	Width of Non Forest Land (in K.M)	Area of Non-Forest Land (in H.a)	Length of Forest Land (in km.)	Width of Forest Land (in km.)	Area of Proposed Forest Land (in Ha.)
1415.009	1295.685	0.0005	64.784	119.324	0.0005	5.966

Mahasamund 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	Mahasamund	Basna	46	20252.107	0.5	1.013
2	Mahasamund	Pithora	97	58421.903	0.5	2.921
3	Mahasamund	Saraipali	55	32361.678	0.5	1.618
Total of Table A			198	111035.688	0.5	5.552
Sl. No.	District	Block	No of Khasra	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
1	Mahasamund	Basna	12	928.273	0.5	0.046
2	Mahasamund	Pithora	39	7359.870	0.5	0.368
Total of Table B			51	8288.143	0.5	0.414
Total Diversion Area (Table A+TableB)				119323.831	0.5	5.966



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Table A - Area statement for proposed forest patches -- Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Div.	Route Name	Forest Range	Type	Compart. No	Length (in m.)	Width (in m.)	Proposed Are (In Ha.)
1	36	Basna	Mahasamund	Basna To Kudekel	Basna	RF	294	63.120	0.5	0.003
2	35	Basna	Mahasamund	Basna To Kudekel	Basna	RF	294	1861.291	0.5	0.093
3	35	Basna	Mahasamund	Basna To Kudekel	Basna	RF	294	813.386	0.5	0.041
4	37	Basna	Mahasamund	Basna To Kudekel	Basna	RF	295	888.241	0.5	0.044
5	38	Basna	Mahasamund	Basna To Kudekel	Basna	RF	296	193.909	0.5	0.010
6	39	Basna	Mahasamund	Basna To Kudekel	Basna	RF	297	402.181	0.5	0.020
7	42	Basna	Mahasamund	Basna To Kudekel	Basna	RF	299	148.030	0.5	0.007
8	41	Basna	Mahasamund	Basna To Kudekel	Basna	RF	299	355.956	0.5	0.018
9	43	Basna	Mahasamund	Basna To Kudekel	Basna	RF	300	1068.595	0.5	0.053
10	43	Basna	Mahasamund	Basna To Kudekel	Basna	RF	300	1282.492	0.5	0.064
11	44	Basna	Mahasamund	Pithora To Sirko	Basna	RF	301	560.399	0.5	0.028
12	93	Basna	Mahasamund	Basna To Azagarkhar	Basna	RF	303	1302.712	0.5	0.065
13	93	Basna	Mahasamund	Basna To Azagarkhar	Basna	RF	303	159.736	0.5	0.008
14	88	Basna	Mahasamund	Basna To Daldali	Basna	RF	308	42.626	0.5	0.002
15	88	Basna	Mahasamund	Basna To Daldali	Basna	RF	308	815.332	0.5	0.041
16	88	Basna	Mahasamund	Basna To Daldali	Basna	RF	313	487.001	0.5	0.024
17	87	Basna	Mahasamund	Basna To Jamdarha	Basna	RF	318	50.019	0.5	0.003
18	86	Basna	Mahasamund	Basna To Jamdarha	Basna	RF	319	126.341	0.5	0.006



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

Sl. No.	Patch	Block	Forest Div.	Route Name	Forest Range	Type	Compart. No	Length (in m.)	Width (in m.)	Proposed Are (in Ha.)
19	81	Basna	Mahasamund	Basna To Beltikari	Basna	RF	322	960.091	0.5	0.048
20	81	Basna	Mahasamund	Basna To Beltikari	Basna	RF	322	241.573	0.5	0.012
21	81	Basna	Mahasamund	Basna To Mungadeeh	Basna	RF	322	49.918	0.5	0.002
22	81	Basna	Mahasamund	Basna To Beltikari	Basna	RF	322	45.830	0.5	0.002
23	80	Basna	Mahasamund	Basna To Badesajapali	Basna	RF	325	57.833	0.5	0.003
24	79	Basna	Mahasamund	Basna To Madhopali	Basna	RF	326	454.125	0.5	0.023
25	85	Basna	Mahasamund	Basna To Karnapali	Basna	RF	329	409.160	0.5	0.020
26	85	Basna	Mahasamund	Basna To Karnapali	Basna	RF	330	192.264	0.5	0.010
27	84	Basna	Mahasamund	Basna To Kusmur	Basna	RF	331	88.481	0.5	0.004
28	84	Basna	Mahasamund	Basna To Khogsa	Basna	RF	331	93.634	0.5	0.005
29	82	Basna	Mahasamund	Basna To Salkhand	Basna	RF	332	722.718	0.5	0.036
30	76	Basna	Mahasamund	Basna To Sukhapali	Basna	RF	333	300.546	0.5	0.015
31	83	Basna	Mahasamund	Basna To Sukhapali	Basna	RF	333	326.176	0.5	0.016
32	77	Basna	Mahasamund	Basna To Sagarpali	Basna	RF	333	582.461	0.5	0.029
33	77	Basna	Mahasamund	Basna To Lambar	Basna	RF	333	616.201	0.5	0.031
34	78	Basna	Mahasamund	Basna To Madhopali	Basna	RF	333	452.667	0.5	0.023
35	83	Basna	Mahasamund	Basna To Karnapali	Basna	RF	333	38.628	0.5	0.002
36	75	Basna	Mahasamund	Basna To Santpali	Basna	RF	338	120.360	0.5	0.006
37	74	Basna	Mahasamund	Basna To Durgapali	Basna	RF	339	29.374	0.5	0.001



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Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Div.	Route Name	Forest Range	Type	Compart. No	Length (in m.)	Width (in m.)	Proposed Are (In Ha.)
38	74	Basna	Mahasamund	Basna To Durgapali	Basna	RF	339	85.708	0.5	0.004
39	74	Basna	Mahasamund	Basna To Durgapali	Basna	RF	339	632.969	0.5	0.032
40	74	Basna	Mahasamund	Basna To Barsenpali	Basna	RF	339	739.253	0.5	0.037
41	74	Basna	Mahasamund	Basna To Barsenpali	Basna	RF	339	443.303	0.5	0.022
42	74	Basna	Mahasamund	Basna To Sagarpali	Basna	RF	339	158.504	0.5	0.008
43	72	Basna	Mahasamund	Basna To Bichiyas	Basna	RF	340	355.783	0.5	0.018
44	73	Basna	Mahasamund	Basna To Bichiyas	Basna	RF	340	263.947	0.5	0.013
45	70	Saraipali	Mahasamund	Saraipali To Noonpani	Basna	RF	341	579.312	0.5	0.029
46	70	Saraipali	Mahasamund	Saraipali To Noonpani	Basna	RF	341	589.921	0.5	0.029
Total-							46	20252.107	0.5	1.013
47	32	Pithora	Mahasamund	Charoda To Kodopali	Pithora	PF	206	800.000	0.5	0.040
48	32	Pithora	Mahasamund	Charoda To Kodopali	Pithora	PF	206	420.268	0.5	0.021
49	32	Pithora	Mahasamund	Kodopali To Navagaon Kala	Pithora	PF	206	122.881	0.5	0.006
50	31	Pithora	Mahasamund	Beldih To Lilasar	Pithora	PF	209	1021.062	0.5	0.051
51	30	Pithora	Mahasamund	Girna To Beldih	Pithora	PF	210	80.650	0.5	0.004
52	1	Pithora	Mahasamund	Kumharimuda To Gadbedha	Pithora	PF	212	461.205	0.5	0.023
53	1	Pithora	Mahasamund	Kumharimuda To Gadbedha	Pithora	PF	212	198.577	0.5	0.010
54	1	Pithora	Mahasamund	Kumharimuda To Gadbedha	Pithora	PF	212	1442.024	0.5	0.072
55	1	Pithora	Mahasamund	Kumharimuda To Gadbedha	Pithora	PF	213	371.759	0.5	0.019



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Table A - Area statement for proposed forest Patches – Protected /Reserve /Orange Area										
Sl. No.	Patch	Block	Forest Div.	Route Name	Forest Range	Type	Compart. No	Length (in m.)	Width (in m.)	Proposed Are (In Ha.)
56	2	Pithora	Mahasamund	Kumharimuda To Gadbedha	Pithora	PF	213	394.430	0.5	0.020
57	33	Pithora	Mahasamund	Monhada To Bhurkoni	Pithora	PF	215	409.429	0.5	0.020
58	33	Pithora	Mahasamund	Monhada To Bhurkoni	Pithora	PF	215	1950.000	0.5	0.098
59	33	Pithora	Mahasamund	Monhada To Bhurkoni	Pithora	PF	215	71.489	0.5	0.004
60	34	Pithora	Mahasamund	Nayaparakala To Monhada	Pithora	PF	218	800.865	0.5	0.040
61	34	Pithora	Mahasamund	Nayaparakala To Monhada	Pithora	PF	218	324.760	0.5	0.016
62	29	Pithora	Mahasamund	Girna To Beldih	Pithora	PF	227	1765.707	0.5	0.088
63	15	Pithora	Mahasamund	Sukhipali To Dumarpali	Pithora	PF	229	380.270	0.5	0.019
64	15	Pithora	Mahasamund	Sukhipali To Dumarpali	Pithora	PF	229	1008.327	0.5	0.050
65	15	Pithora	Mahasamund	Sukhipali To Dumarpali	Pithora	PF	230	92.440	0.5	0.005
66	14	Pithora	Mahasamund	Thakurdiyakhurd To Barekelkhurd	Pithora	PF	232	750.941	0.5	0.038
67	12	Pithora	Mahasamund	Barekelkhurd To Pilvapali	Pithora	PF	236	894.085	0.5	0.045
68	13	Pithora	Mahasamund	Barekelkhurd To Pilvapali	Pithora	PF	237	419.466	0.5	0.021
69	3	Pithora	Mahasamund	Ghonch To Kashibahara	Pithora	PF	238	513.985	0.5	0.026
70	3	Pithora	Mahasamund	Ghonch To Kashibahara	Pithora	PF	238	72.502	0.5	0.004
71	4	Pithora	Mahasamund	Mudhipar To Jammhar	Pithora	PF	241	1270.064	0.5	0.064
72	4	Pithora	Mahasamund	Mudhipar To Jammhar	Pithora	PF	241	1228.355	0.5	0.061
73	5	Pithora	Mahasamund	Bhithidih To Amlidih	Pithora	PF	243	338.510	0.5	0.017
74	5	Pithora	Mahasamund	Bhithidih To Amlidih	Pithora	PF	243	1207.164	0.5	0.060



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

Sl. No.	Patch No.	Block	Forest Div.	Route Name	Forest Range	Type	Compart. No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
75	9	Pithora	Mahasamund	Pithora To Gopalpur	Pithora	PF	247	1143.091	0.5	0.057
76	9	Pithora	Mahasamund	Pithora To Gopalpur	Pithora	PF	247	126.979	0.5	0.006
77	10	Pithora	Mahasamund	Remda To Lakhagarh	Pithora	PF	247	511.981	0.5	0.026
78	10	Pithora	Mahasamund	Remda To Lakhagarh	Pithora	PF	247	629.003	0.5	0.031
79	10	Pithora	Mahasamund	Sagondhap To Pithora	Pithora	PF	247	193.999	0.5	0.010
80	16	Pithora	Mahasamund	Remda To Lakhagarh	Pithora	PF	253	723.852	0.5	0.036
81	16	Pithora	Mahasamund	Remda To Lakhagarh	Pithora	PF	253	821.311	0.5	0.041
82	16	Pithora	Mahasamund	Sagondhap To Pithora	Pithora	PF	253	844.141	0.5	0.042
83	16	Pithora	Mahasamund	Sagondhap To Pithora	Pithora	PF	253	702.139	0.5	0.035
84	16	Pithora	Mahasamund	Bhokludih To Pithora	Pithora	PF	253	48.649	0.5	0.002
85	16	Pithora	Mahasamund	Memra To Bhokludih	Pithora	PF	253	49.443	0.5	0.002
86	20	Pithora	Mahasamund	Remda To Lakhagarh	Pithora	RF	257	731.594	0.5	0.037
87	20	Pithora	Mahasamund	Remda To Lakhagarh	Pithora	RF	257	1850.934	0.5	0.092
88	20	Pithora	Mahasamund	Charbhantha To Chhuwali Patera	Pithora	RF	257	1191.518	0.5	0.060
89	20	Pithora	Mahasamund	Charbhantha To Chhuwali Patera	Pithora	RF	257	1371.446	0.5	0.069
90	18	Pithora	Mahasamund	Sakankara To Bijemal	Pithora	RF	259	794.515	0.5	0.040
91	18	Pithora	Mahasamund	Sakankara To Bijemal	Pithora	RF	259	170.783	0.5	0.009
92	98	Pithora	Mahasamund	Bijemal To Jhagrendih	Pithora	RF	268	77.058	0.5	0.004
93	98	Pithora	Mahasamund	Bijemal To Jhagrendih	Pithora	RF	268	1131.483	0.5	0.056



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Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Div.	Route Name	Forest Range	Type	Compart. No	Length (in m.)	Width (in m.)	Proposed Are (in Ha.)
94	97	Pithora	Mahasamund	Jhagrendih To Barnaidadar	Pithora	RF	268	1238.627	0.5	0.062
95	97	Pithora	Mahasamund	Barnaidadar To Bheekhapali	Pithora	RF	268	397.217	0.5	0.020
96	97	Pithora	Mahasamund	Barnaidadar To Bheekhapali	Pithora	RF	268	1268.414	0.5	0.063
97	94	Pithora	Mahasamund	Arangi To Bamhani	Pithora	PF	273	235.546	0.5	0.012
98	96	Pithora	Mahasamund	Arangi To Parghania Saraipali	Pithora	RF	274	471.069	0.5	0.024
99	94	Pithora	Mahasamund	Arangi To Bamhani	Pithora	RF	275	377.948	0.5	0.019
100	94	Pithora	Mahasamund	Arangi To Bamhani	Pithora	RF	275	146.643	0.5	0.007
101	95	Pithora	Mahasamund	Arangi To Bamhani	Pithora	RF	278	453.322	0.5	0.023
102	91	Pithora	Mahasamund	Jhagrendih To Limdarha	Pithora	RF	281	952.429	0.5	0.048
103	91	Pithora	Mahasamund	Jhagrendih To Limdarha	Pithora	RF	281	1363.899	0.5	0.068
104	89	Pithora	Mahasamund	Jhagrendih To Limdarha	Pithora	RF	282	444.682	0.5	0.022
105	92	Pithora	Mahasamund	Limdarha To Barekel	Pithora	RF	282	1483.514	0.5	0.074
106	99	Pithora	Mahasamund	Jamjuda To Khursipar	Pithora	RF	285	62.005	0.5	0.003
107	22	Pithora	Mahasamund	Parasvani To Bagardarha	Pithora	RF	289	718.992	0.5	0.036
108	22	Pithora	Mahasamund	Parasvani To Bagardarha	Pithora	RF	289	29.718	0.5	0.001
109	22	Pithora	Mahasamund	Jarabharan To Parasvani	Pithora	RF	289	696.081	0.5	0.035
110	28	Pithora	Mahasamund	Lari Pur To Parasvani	Pithora	RF	290	1327.318	0.5	0.066
111	28	Pithora	Mahasamund	Lari Pur To Parasvani	Pithora	RF	290	251.620	0.5	0.013
112	25	Pithora	Mahasamund	Katangtarai To Lari Pur	Pithora	RF	291	356.305	0.5	0.018



Chhattisgarh BharatNet Phase-II Project

Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Div.	Route Name	Forest Range	Type	Compart. No	Length (in m.)	Width (in m.)	Proposed Are (In Ha.)
113	26	Pithora	Mahasamund	Katangtarai To Lari Pur	Pithora	RF	291	192.839	0.5	0.010
114	24	Pithora	Mahasamund	Katangtarai To Lari Pur	Pithora	RF	292	748.885	0.5	0.037
115	24	Pithora	Mahasamund	Katangtarai To Lari Pur	Pithora	RF	292	939.052	0.5	0.047
116	23	Pithora	Mahasamund	Katangtarai To Chhoteloram	Pithora	RF	292	738.007	0.5	0.036
117	40	Basna	Mahasamund	Kudekel To Kudaribahra	Pithora	RF	293	595.861	0.5	0.030
118	90	Pithora	Mahasamund	Jhagrendih To Limdarha	Pithora	RF	307	769.266	0.5	0.038
119	90	Pithora	Mahasamund	Jhagrendih To Limdarha	Pithora	RF	307	926.700	0.5	0.046
120	90	Pithora	Mahasamund	Jhagrendih To Limdarha	Pithora	RF	307	107.749	0.5	0.005
121	90	Pithora	Mahasamund	Rajpalpur To Limdarha	Pithora	RF	307	320.464	0.5	0.016
122	90	Pithora	Mahasamund	Limdarha To Rajpalpur	Pithora	RF	307	323.077	0.5	0.016
123	8	Pithora	Mahasamund	Pithora To Gopalpur	Pithora	OA	477	585.313	0.5	0.029
124	7	Pithora	Mahasamund	Pithora To Gopalpur	Pithora	OA	478	335.633	0.5	0.017
125	17	Pithora	Mahasamund	Charbhantha To Chhuwali Patera	Pithora	OA	483	298.751	0.5	0.015
126	17	Pithora	Mahasamund	Charbhantha To Chhuwali Patera	Pithora	OA	483	452.015	0.5	0.023
127	17	Pithora	Mahasamund	Charbhantha To Chhuwali Patera	Pithora	OA	483	119.492	0.5	0.006
128	17	Pithora	Mahasamund	Ansula To Charbhanta	Pithora	OA	483	31.140	0.5	0.002
129	17	Pithora	Mahasamund	Charbhanta To Ansula	Pithora	OA	483	10.959	0.5	0.001
130	12	Pithora	Mahasamund	Barekelkhurd To Pilvapali	Pithora	OA	487	274.728	0.5	0.014
131	11	Pithora	Mahasamund	Barekelkhurd To Pilvapali	Pithora	OA	489	323.409	0.5	0.016



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Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Div.	Route Name	Forest Range	Type	Compart. No	Length (in m.)	Width (in m.)	Proposed Are (In Ha.)
132	6	Pithora	Mahasamund	Lahroud To Kishanpur	Pithora	OA	490	161.914	0.5	0.008
133	27	Pithora	Mahasamund	Katangtarai To Lari Pur	Pithora	RF	578	198.645	0.5	0.010
134	21	Pithora	Mahasamund	Matidarha To Sagondhap	Pithora	RF	254P	1003.410	0.5	0.050
135	21	Pithora	Mahasamund	Matidarha To Sagondhap	Pithora	RF	254P	666.845	0.5	0.033
136	21	Pithora	Mahasamund	Rikhadadar To Matidarha	Pithora	RF	254P	210.069	0.5	0.011
137	21	Pithora	Mahasamund	Rikhadadar To Matidarha	Pithora	RF	254P	583.410	0.5	0.029
138	19	Pithora	Mahasamund	Sakankara To Bijemal	Pithora	RF	258P	909.716	0.5	0.045
139	19	Pithora	Mahasamund	Sakankara To Bijemal	Pithora	RF	258P	302.362	0.5	0.015
140	19	Pithora	Mahasamund	Sakankara To Bijemal	Pithora	RF	258P	564.572	0.5	0.028
141	19	Pithora	Mahasamund	Badetemari To Devsaral	Pithora	RF	258P	739.084	0.5	0.037
142	19	Pithora	Mahasamund	Badetemari To Devsaral	Pithora	RF	258P	674.698	0.5	0.034
143	19	Pithora	Mahasamund	Devsaral To Badetemari	Pithora	RF	258P	113.355	0.5	0.006
Total-							97	58421.903	0.5	2.921
144	46	Saraipali	Mahasamund	Rajadih To Toshgaon	Saraipali	RF	344	391.796	0.5	0.020
145	45	Saraipali	Mahasamund	Rajadih To Toshgaon	Saraipali	RF	344	1167.032	0.5	0.059
146	71	Saraipali	Mahasamund	Mundha To Jamahari	Saraipali	RF	357	338.635	0.5	0.017
147	71	Saraipali	Mahasamund	Jamahari To Mundha	Saraipali	RF	357	347.677	0.5	0.018
148	69	Saraipali	Mahasamund	Girsa To Damohdarha	Saraipali	RF	358	575.840	0.5	0.029
149	69	Saraipali	Mahasamund	Girsa To Damohdarha	Saraipali	RF	358	992.068	0.5	0.050



Chhattisgarh BharatNet Phase-II Project

Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Div.	Route Name	Forest Range	Type	Compart. No	Length (in m.)	Width (in m.)	Proposed Are (In Ha.)
150	68	Saraipali	Mahasamund	Damohdarha To Paraskol	Saraipali	RF	358	384.192	0.5	0.020
151	62	Saraipali	Mahasamund	Paraskol To Kalenda Singhoda	Saraipali	RF	359	1238.801	0.5	0.062
152	63	Saraipali	Mahasamund	Paraskol To Kalenda Singhoda	Saraipali	RF	360	1350.176	0.5	0.068
153	64	Saraipali	Mahasamund	Paraskol To Lanti	Saraipali	RF	360	454.462	0.5	0.023
154	64	Saraipali	Mahasamund	Paraskol To Lanti	Saraipali	RF	360	1950.001	0.5	0.098
155	64	Saraipali	Mahasamund	Paraskol To Lanti	Saraipali	RF	360	443.657	0.5	0.022
156	47	Saraipali	Mahasamund	Saldih To Kotdwari	Saraipali	RF	364	573.585	0.5	0.029
157	47	Saraipali	Mahasamund	Kotdwari To Dumarpali	Saraipali	RF	364	313.593	0.5	0.016
158	48	Saraipali	Mahasamund	Maldamal To Paterapali	Saraipali	RF	406	321.449	0.5	0.016
159	48	Saraipali	Mahasamund	Maldamal To Paterapali	Saraipali	RF	406	1476.983	0.5	0.074
160	48	Saraipali	Mahasamund	Maldamal To Paterapali	Saraipali	RF	408	228.634	0.5	0.012
161	51	Saraipali	Mahasamund	Chiwrakuta To Ghhunchapali	Saraipali	RF	420	35.694	0.5	0.002
162	51	Saraipali	Mahasamund	Chiwrakuta To Ghhunchapali	Saraipali	RF	421	661.258	0.5	0.034
163	66	Saraipali	Mahasamund	Navrangpur To Kanwarpali	Saraipali	RF	422	451.714	0.5	0.023
164	65	Saraipali	Mahasamund	Navrangpur To Kanwarpali	Saraipali	RF	423	287.766	0.5	0.014
165	65	Saraipali	Mahasamund	Navrangpur To Kanwarpali	Saraipali	RF	423	1520.107	0.5	0.076
166	66	Saraipali	Mahasamund	Navrangpur To Kanwarpali	Saraipali	RF	423	18.162	0.5	0.001
167	65	Saraipali	Mahasamund	Damohdarha To Paraskol	Saraipali	RF	423	26.287	0.5	0.001
168	65	Saraipali	Mahasamund	Damohdarha To Paraskol	Saraipali	RF	423	327.280	0.5	0.016



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Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Div.	Route Name	Forest Range	Type	Compart. No	Length (in m.)	Width (in m.)	Proposed Are (In Ha.)
169	61	Saraipali	Mahasamund	Kalenda Singhoda To Pandripalini	Saraipali	RF	427	1037.138	0.5	0.052
170	61	Saraipali	Mahasamund	Kalenda Singhoda To Pandripalini	Saraipali	RF	427	839.262	0.5	0.042
171	61	Saraipali	Mahasamund	Kalenda Singhoda To Pandripalini	Saraipali	RF	427	1752.498	0.5	0.088
172	61	Saraipali	Mahasamund	Bhagatsaraipali To Kalenda S	Saraipali	RF	427	105.414	0.5	0.005
173	61	Saraipali	Mahasamund	Kalenda S To Bhagatsaraipali	Saraipali	RF	427	108.095	0.5	0.005
174	60	Saraipali	Mahasamund	Kalenda To Pandripalini	Saraipali	RF	428	965.958	0.5	0.048
175	59	Saraipali	Mahasamund	Kalenda STo Pandripalini	Saraipali	RF	429	257.337	0.5	0.013
176	58	Saraipali	Mahasamund	Pandripalni To Chiwrakuta	Saraipali	RF	430	1449.100	0.5	0.073
177	57	Saraipali	Mahasamund	Pandripalni To Chiwrakuta	Saraipali	RF	430	1325.836	0.5	0.066
178	52	Saraipali	Mahasamund	Pandripalni To Chiwrakuta	Saraipali	RF	431	97.538	0.5	0.005
179	52	Saraipali	Mahasamund	Pandripalni To Chiwrakuta	Saraipali	RF	431	276.624	0.5	0.014
180	52	Saraipali	Mahasamund	Pandripalni To Chiwrakuta	Saraipali	RF	432	180.834	0.5	0.001
181	53	Saraipali	Mahasamund	Pandripalni To Chiwrakuta	Saraipali	RF	435	127.224	0.5	0.001
182	53	Saraipali	Mahasamund	Pandripalni To Chiwrakuta	Saraipali	RF	435	1061.802	0.5	0.053
183	67	Saraipali	Mahasamund	Navrangpur To Kanwarpali	Saraipali	OA	494	269.324	0.5	0.014
184	67	Saraipali	Mahasamund	Damohdarha To Paraskol	Saraipali	OA	494	266.639	0.5	0.013
185	67	Saraipali	Mahasamund	Damohdarha To Paraskol	Saraipali	OA	494	1.721	0.5	0.001
186	49	Saraipali	Mahasamund	Chiwrakuta To Ghhunchapali	Saraipali	OA	496	1114.268	0.5	0.056
187	50	Saraipali	Mahasamund	Chhuipali To Ruda	Saraipali	OA	498	817.964	0.5	0.041



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Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Div.	Route Name	Forest Range	Type	Compart. No	Length (in m.)	Width (in m.)	Proposed Are (In Ha.)
188	69	Saraipali	Mahasamund	Girsa To Damohdarha	Saraipali	OA	512	470.959	0.5	0.024
189	54	Saraipali	Mahasamund	Pandripalni To Chiwrakuta	Saraipali	OA	521	551.623	0.5	0.028
190	54	Saraipali	Mahasamund	Pandripalni To Chiwrakuta	Saraipali	OA	521	93.040	0.5	0.005
191	54	Saraipali	Mahasamund	Pandripalni To Chiwrakuta	Saraipali	OA	521	558.966	0.5	0.028
192	54	Saraipali	Mahasamund	Banjhapali To Chiwrakuta	Saraipali	OA	521	32.574	0.5	0.002
193	54	Saraipali	Mahasamund	Bandalimal To Banjhapali	Saraipali	OA	521	40.096	0.5	0.003
194	54	Saraipali	Mahasamund	Pandripalni To Chiwrakuta	Saraipali	OA	522	987.684	0.5	0.050
195	55	Saraipali	Mahasamund	Pandripalni To Chiwrakuta	Saraipali	OA	523	287.937	0.5	0.015
196	56	Saraipali	Mahasamund	Bandalimal To Banjhapali	Saraipali	OA	524	329.864	0.5	0.017
197	56	Saraipali	Mahasamund	Banjhapali To Bandalimal	Saraipali	OA	524	330.472	0.5	0.017
198	52	Saraipali	Mahasamund	Pandripalni To Chiwrakuta	Saraipali	OA	527	747.038	0.5	0.038
Total-							55	32361.678	0.5	1.618
Grand Total-							198	111035.688	0.5	5.552

वन मंडलाधिकारी
सामान्य वन मंडल, महासमुन्द्र



वन मंडलाधिकारी
सामान्य वन मंडल, महासमुन्द्र

Chhattisgarh BharatNet Phase-II Project

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	127	Mahasamund	Basna	Kurchundi To Ganeshpur	Kapsakhuta	CJJ	151	76.773	0.5	0.004
2	128	Mahasamund	Basna	Kurchundi To Ganeshpur	Kapsakhuta	CJJ	191	25.293	0.5	0.001
3	129	Mahasamund	Basna	Kurchundi To Ganeshpur	Kapsakhuta	CJJ	424	177.530	0.5	0.008
4	135	Mahasamund	Basna	Ganeshpur To Kudaribahra	Keramuda	CJJ	197	92.286	0.5	0.005
5	136	Mahasamund	Basna	Kudaribahra To Saleghariya	Kudaribahar	CJJ	143	90.262	0.5	0.005
6	137	Mahasamund	Basna	Kudaribahra To Saleghariya	Kudaribahar	CJJ	495	33.534	0.5	0.002
7	138	Mahasamund	Basna	Kudaribahra To Saleghariya	Kudaribahar	CJJ	501	125.835	0.5	0.006
8	139	Mahasamund	Basna	Kudaribahra To Saleghariya	Kudaribahar	CJJ	502	39.648	0.5	0.002
9	140	Mahasamund	Basna	Kudaribahra To Saleghariya	Kudaribahar	CJJ	504	59.040	0.5	0.003
10	141	Mahasamund	Basna	Devsaral To Patandader	Kurmadih	BJJ	252	121.000	0.5	0.006
11	142	Mahasamund	Basna	Devsaral To Patandader	Kurmadih	CJJ	145	42.061	0.5	0.002
12	143	Mahasamund	Basna	Lari Pur To Chhoteloram	Lalitpur	BJJ	13	45.011	0.5	0.002
Total-							12	928.273	0.5	0.046
13	101	Mahasamund	Pithora	Bhathori To Badetemari	Badetemri	BJJ	1	195.983	0.5	0.010
14	102	Mahasamund	Pithora	Badetemari To Devsaral	Badetemri	BJJ	217	225.425	0.5	0.011
15	103	Mahasamund	Pithora	Badetemari To Devsaral	Badetemri	BJJ	434	96.879	0.5	0.005
16	104	Mahasamund	Pithora	Badetemari To Devsaral	Badetemri	BJJ	443	279.849	0.5	0.014
17	105	Mahasamund	Pithora	Badetemari To Devsaral	Badetemri	BJJ	507	623.640	0.5	0.031
18	106	Mahasamund	Pithora	Badetemari To Devsaral	Badetemri	BJJ	508	206.278	0.5	0.010
19	107	Mahasamund	Pithora	Badetemari To Devsaral	Badetemri	BJJ	510	34.397	0.5	0.002



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Table B - Area statement for proposed forest P atc h es – 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	108	Mahasamund	Pithora	Badetemari To Devsaral	Badetemri	BJJ	531	54.380	0.5	0.003
21	109	Mahasamund	Pithora	Badetemari To Devsaral	Badetemri	BJJ	533	142.259	0.5	0.007
22	110	Mahasamund	Pithora	Badetemari To Devsaral	Badetemri	BJJ	538	18.326	0.5	0.001
23	111	Mahasamund	Pithora	Badetemari To Devsaral	Badetemri	BJJ	539	178.861	0.5	0.009
24	112	Mahasamund	Pithora	Badetemari To Devsaral	Badetemri	CJJ	441	147.988	0.5	0.007
25	113	Mahasamund	Pithora	Bijemal To Badetemari	Badetemri Puranatuk	BJJ	41	71.928	0.5	0.004
26	114	Mahasamund	Pithora	Bijemal To Badetemari	Badetemri Puranatuk	BJJ	44	203.389	0.5	0.010
27	115	Mahasamund	Pithora	Bundeli To Beldih	Beldih	BJJ	1063	21.672	0.5	0.001
28	116	Mahasamund	Pithora	Bundeli To Beldih	Beldih	BJJ	1065	19.784	0.5	0.001
29	117	Mahasamund	Pithora	Beldih To Lilasar	Beldih	BJJ	1066	18.494	0.5	0.001
30	118	Mahasamund	Pithora	Beldih To Lilasar	Beldih	BJJ	1158	220.856	0.5	0.011
31	119	Mahasamund	Pithora	Bundeli To Beldih	Beldih	BJJ	455	110.711	0.5	0.006
32	120	Mahasamund	Pithora	Bundeli To Beldih	Beldih	BJJ	457	232.000	0.5	0.012
33	121	Mahasamund	Pithora	Sukhipali To Girna	Beldih	BJJ	501	160.153	0.5	0.008
34	122	Mahasamund	Pithora	Sukhipali To Girna	Beldih	BJJ	947	144.856	0.5	0.007
35	123	Mahasamund	Pithora	Sukhipali To Girna	Beldih	BJJ	952	218.762	0.5	0.011
36	124	Mahasamund	Pithora	Sukhipali To Girna	Beldih	BJJ	953	80.808	0.5	0.004
37	125	Mahasamund	Pithora	Lari Pur To Chhoteloram	Beldih	CJJ	201	65.538	0.5	0.003
38	126	Mahasamund	Pithora	Jhagrendih To Pirada	Jhagrendih	CJJ	564	19.402	0.5	0.001
39	130	Mahasamund	Pithora	Dongripali To Pilvapali	Kaudiya	CJJ	144	354.626	0.5	0.017



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Table B - Area statement for proposed forest P atc h es – 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.)
40	131	Mahasamund	Pithora	Dongripali To Pilvapali	Kaudiya	CJJ	197	54.666	0.5	0.003
41	132	Mahasamund	Pithora	Dongripali To Pilvapali	Kaudiya	CJJ	199	628.585	0.5	0.031
42	133	Mahasamund	Pithora	Dongripali To Pilvapali	Kaudiya	CJJ	548	694.320	0.5	0.035
43	134	Mahasamund	Pithora	Dongripali To Pilvapali	Kaudiya	CJJ	553	84.538	0.5	0.004
44	144	Mahasamund	Pithora	Lari Pur To Chhoteloram	Laripur	BJJ	75	242.818	0.5	0.012
45	145	Mahasamund	Pithora	Lari Pur To Chhoteloram	Laripur	CJJ	72	75.715	0.5	0.004
46	146	Mahasamund	Pithora	Lilasar To Birajpali	Lilesar	BJJ	274	50.218	0.5	0.003
47	147	Mahasamund	Pithora	Nayaparakala To Monhada	Nawapara Kalan	BJJ	497	600.580	0.5	0.030
48	148	Mahasamund	Pithora	Nayaparakala To Monhada	Nawapara Kalan	BJJ	535	230.506	0.5	0.012
49	149	Mahasamund	Pithora	Rajasevyakhurd To Dongripali	Rajasewaiya Khurd	CJJ	688	98.163	0.5	0.005
50	150	Mahasamund	Pithora	Dongripali To Barekelkhurd	Sewaiya Kalan	BJJ	568	376.623	0.5	0.018
51	100	Mahasamund	Pithora	Thakurdiyakhurd To Thakurdiya Kala	Thakurdaya Kalan	BJJ	565	75.894	0.5	0.004
Total-							39	7359.870	0.5	0.368
Grand Total-							51	8288.143	0.5	0.414

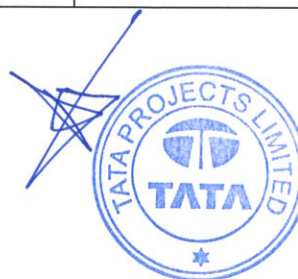
वन मंडलाधिकारी
छाप्रान्य वन मंडल, महासमुन्द्र



वन मंडलाधिकारी
छाप्रान्य वन मंडल, महासमुन्द्र

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

Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1	1	82°28'53.37924"	21°08'15.69227"	P-51	4	82°26'03.94135"	21°16'48.90407"
P-2	1	82°28'56.42719"	21°08'17.23361"	P-52	4	82°26'03.26913"	21°16'51.87373"
P-3	1	82°28'59.37247"	21°08'18.94761"	P-53	4	82°26'01.58232"	21°16'54.70043"
P-4	1	82°29'01.54461"	21°08'21.44588"	P-54	4	82°25'58.91974"	21°16'56.72557"
P-5	1	82°29'03.09273"	21°08'24.35372"	P-55	4	82°25'56.15762"	21°16'58.69006"
P-6	1	82°29'03.95387"	21°08'26.17244"	P-56	4	82°25'53.34683"	21°17'00.59059"
P-7	1	82°28'54.48111"	21°08'09.36916"	P-57	4	82°25'50.30946"	21°17'02.15208"
P-8	1	82°28'53.68442"	21°08'12.50110"	P-58	4	82°25'47.99499"	21°17'02.83079"
P-9	1	82°28'53.37924"	21°08'15.69227"	P-59	4	82°25'47.99499"	21°17'02.83079"
P-10	1	82°29'30.63312"	21°09'09.92440"	P-60	4	82°25'44.56954"	21°17'03.32672"
P-11	1	82°29'30.01194"	21°09'13.10412"	P-61	4	82°25'41.11005"	21°17'03.57287"
P-12	1	82°29'28.81176"	21°09'16.15278"	P-62	4	82°25'37.70241"	21°17'04.11315"
P-13	1	82°29'25.14698"	21°08'54.64410"	P-63	4	82°25'34.54876"	21°17'05.38942"
P-14	1	82°29'25.99177"	21°08'56.83789"	P-64	4	82°25'32.75916"	21°17'08.14943"
P-15	1	82°29'25.99177"	21°08'56.83789"	P-65	4	82°25'31.09564"	21°17'11.00293"
P-16	1	82°29'27.12323"	21°08'59.91124"	P-66	4	82°25'28.83443"	21°17'13.44049"
P-17	1	82°29'28.24749"	21°09'02.98704"	P-67	4	82°25'28.74788"	21°17'16.62790"
P-18	1	82°29'29.36296"	21°09'06.06532"	P-68	4	82°25'28.48011"	21°17'19.86830"
P-19	1	82°29'30.44951"	21°09'09.15266"	P-69	4	82°25'28.08716"	21°17'23.09895"
P-20	1	82°29'05.00527"	21°08'28.42551"	P-70	4	82°25'27.43844"	21°17'26.27314"
P-21	1	82°29'06.34443"	21°08'31.42468"	P-71	4	82°25'25.56529"	21°17'29.00660"
P-22	1	82°29'07.76813"	21°08'34.38398"	P-72	4	82°25'25.67183"	21°17'29.77265"
P-23	1	82°29'10.03733"	21°08'36.83703"	P-73	5	82°29'01.62086"	21°18'40.21513"
P-24	1	82°29'12.37885"	21°08'39.23326"	P-74	5	82°29'03.50394"	21°18'37.49717"
P-25	1	82°29'14.65401"	21°08'41.68597"	P-75	5	82°29'05.54146"	21°18'34.86842"
P-26	1	82°29'16.88441"	21°08'44.17461"	P-76	5	82°29'07.71624"	21°18'32.34727"
P-27	1	82°29'19.08052"	21°08'46.69045"	P-77	5	82°29'08.73403"	21°18'31.53592"
P-28	1	82°29'21.25617"	21°08'49.22109"	P-78	5	82°29'08.73403"	21°18'31.53592"
P-29	1	82°29'23.33015"	21°08'51.82648"	P-79	5	82°29'11.42240"	21°18'29.47990"
P-30	1	82°29'24.16470"	21°08'52.94539"	P-80	5	82°29'14.33789"	21°18'27.81039"
P-31	2	82°29'35.39174"	21°09'37.91801"	P-81	5	82°29'17.77310"	21°18'28.18193"
P-32	2	82°29'38.51840"	21°09'39.29754"	P-82	5	82°29'21.17893"	21°18'28.80104"
P-33	2	82°29'40.75234"	21°09'41.77221"	P-83	5	82°29'24.28392"	21°18'27.76400"



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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-34	2	82°29'42.72154"	21°09'44.44157"	P-84	5	82°29'26.13681"	21°18'25.06644"
P-35	2	82°29'43.78403"	21°09'47.34126"	P-85	5	82°29'27.65914"	21°18'22.14463"
P-36	3	82°26'52.82103"	21°11'34.33294"	P-86	5	82°29'29.95242"	21°18'19.75203"
P-37	3	82°26'49.92877"	21°11'36.12499"	P-87	5	82°29'32.78517"	21°18'17.87659"
P-38	3	82°26'46.98050"	21°11'37.83657"	P-88	5	82°29'35.61516"	21°18'15.99596"
P-39	3	82°26'44.03166"	21°11'39.54715"	P-89	5	82°29'38.45262"	21°18'14.12563"
P-40	3	82°26'41.05945"	21°11'41.22098"	P-90	5	82°29'40.82015"	21°18'11.78670"
P-41	3	82°26'38.12413"	21°11'42.95185"	P-91	5	82°29'40.95982"	21°18'11.59401"
P-42	3	82°26'37.71339"	21°11'43.19357"	P-92	6	82°31'38.76463"	21°18'11.33698"
P-43	3	82°26'29.79113"	21°11'47.94414"	P-93	6	82°31'40.73934"	21°18'14.00608"
P-44	3	82°26'27.67862"	21°11'49.22099"	P-94	6	82°31'41.76993"	21°18'15.80907"
P-45	4	82°26'19.48462"	21°16'38.50072"	P-95	7	82°33'00.62192"	21°16'44.57577"
P-46	4	82°26'16.17837"	21°16'39.47411"	P-96	7	82°33'02.78754"	21°16'46.93405"
P-47	4	82°26'12.88111"	21°16'40.47903"	P-97	7	82°33'05.86524"	21°16'48.40481"
P-48	4	82°26'09.75508"	21°16'41.87960"	P-98	7	82°33'08.83367"	21°16'50.06732"
P-49	4	82°26'06.90412"	21°16'43.73164"	P-99	7	82°33'09.68633"	21°16'50.90273"
P-50	4	82°26'04.35289"	21°16'45.72668"	P-100	8	82°32'59.18884"	21°16'24.37158"
P-101	8	82°33'00.11933"	21°16'27.49349"	P-151	12	82°33'51.59095"	21°14'44.23453"
P-102	8	82°33'00.61273"	21°16'30.70837"	P-152	12	82°33'54.05387"	21°14'42.45696"
P-103	8	82°33'00.29001"	21°16'33.93535"	P-153	12	82°33'57.36737"	21°14'41.56977"
P-104	8	82°32'59.96399"	21°16'37.16179"	P-154	12	82°34'00.52700"	21°14'40.23142"
P-105	8	82°33'00.00893"	21°16'40.40700"	P-155	12	82°34'03.54858"	21°14'38.64826"
P-106	8	82°32'54.80738"	21°16'18.89589"	P-156	12	82°34'24.43718"	21°14'40.21217"
P-107	9	82°32'20.07566"	21°15'49.35402"	P-157	12	82°34'27.89135"	21°14'39.96813"
P-108	9	82°32'22.54350"	21°15'51.63870"	P-158	12	82°34'31.34051"	21°14'39.63126"
P-109	9	82°32'25.10843"	21°15'53.82520"	P-159	12	82°34'34.55894"	21°14'39.12926"
P-110	9	82°32'27.50483"	21°15'56.17395"	P-160	13	82°33'23.38398"	21°13'57.38662"
P-111	9	82°32'30.31705"	21°15'58.06312"	P-161	13	82°33'25.09994"	21°14'00.03375"
P-112	9	82°32'32.92015"	21°16'00.18784"	P-162	13	82°33'27.11924"	21°14'02.59233"
P-113	9	82°32'34.72770"	21°16'02.90353"	P-163	13	82°33'28.72515"	21°14'05.34202"
P-114	9	82°32'37.28758"	21°16'05.09275"	P-164	13	82°33'29.97786"	21°14'08.33460"
P-115	9	82°32'39.59167"	21°16'07.52304"	P-165	13	82°33'29.94930"	21°14'08.96099"
P-116	9	82°32'42.16476"	21°16'09.69532"	P-166	14	82°33'22.25773"	21°12'26.60155"
P-117	9	82°32'45.05794"	21°16'11.48952"	P-167	14	82°33'24.24880"	21°12'29.26053"
P-118	9	82°32'47.98414"	21°16'13.23498"	P-168	14	82°33'26.30971"	21°12'31.87155"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-119	9	82°32'49.25107"	21°16'13.97790"	P-169	14	82°33'28.13725"	21°12'34.62269"
P-120	9	82°32'49.25107"	21°16'13.97790"	P-170	14	82°33'30.06327"	21°12'37.32449"
P-121	9	82°32'51.85969"	21°16'16.11724"	P-171	14	82°33'31.93148"	21°12'40.06214"
P-122	9	82°32'52.52310"	21°16'16.73585"	P-172	14	82°33'33.72832"	21°12'42.83837"
P-123	10	82°33'14.95593"	21°15'09.90779"	P-173	14	82°33'35.38679"	21°12'45.67562"
P-124	10	82°33'11.49074"	21°15'09.99784"	P-174	14	82°33'35.61860"	21°12'47.31471"
P-125	10	82°33'08.05701"	21°15'10.44992"	P-175	15	82°36'33.02298"	21°12'15.53335"
P-126	10	82°33'04.62978"	21°15'10.94676"	P-176	15	82°36'36.31748"	21°12'16.39749"
P-127	10	82°33'01.21087"	21°15'11.49508"	P-177	15	82°36'38.52217"	21°12'18.87021"
P-128	10	82°32'57.83572"	21°15'12.22873"	P-178	15	82°36'41.00949"	21°12'20.89697"
P-129	10	82°32'57.44338"	21°15'12.35708"	P-179	15	82°36'43.48278"	21°12'21.89143"
P-130	10	82°32'57.44338"	21°15'12.35708"	P-180	15	82°36'11.59016"	21°12'18.53431"
P-131	10	82°32'54.24357"	21°15'13.59914"	P-181	15	82°36'09.63341"	21°12'15.85465"
P-132	10	82°32'51.25877"	21°15'15.25307"	P-182	15	82°36'08.05421"	21°12'12.96075"
P-133	10	82°32'48.30330"	21°15'16.95478"	P-183	15	82°36'09.64789"	21°12'09.79125"
P-134	10	82°32'45.13974"	21°15'18.26616"	P-184	15	82°36'13.10862"	21°12'09.75895"
P-135	10	82°32'41.73237"	21°15'18.82776"	P-185	15	82°36'16.47622"	21°12'10.34612"
P-136	10	82°32'38.26783"	21°15'18.98261"	P-186	15	82°36'19.69561"	21°12'11.52693"
P-137	10	82°32'37.26223"	21°15'18.98864"	P-187	15	82°36'22.84246"	21°12'12.87270"
P-138	10	82°33'14.96407"	21°15'09.89163"	P-188	15	82°36'26.24237"	21°12'13.45796"
P-139	10	82°33'14.84881"	21°15'07.21050"	P-189	15	82°36'29.64993"	21°12'14.03135"
P-140	10	82°33'15.54438"	21°15'04.22653"	P-190	15	82°36'32.75168"	21°12'15.44086"
P-141	11	82°33'17.83954"	21°14'41.75080"	P-191	15	82°36'33.02298"	21°12'15.53335"
P-142	11	82°33'20.31233"	21°14'43.99885"	P-192	15	82°36'07.54992"	21°12'12.07691"
P-143	11	82°33'23.31269"	21°14'45.56376"	P-193	15	82°36'07.26720"	21°12'10.00097"
P-144	11	82°33'26.30032"	21°14'47.19259"	P-194	16	82°37'08.05337"	21°16'46.79408"
P-145	11	82°33'26.99116"	21°14'47.59241"	P-195	16	82°37'04.96752"	21°16'45.30880"
P-146	12	82°34'11.81654"	21°14'38.52347"	P-196	16	82°37'01.73836"	21°16'44.13678"
P-147	12	82°34'15.09917"	21°14'39.56825"	P-197	16	82°36'58.37133"	21°16'43.36138"
P-148	12	82°34'18.54633"	21°14'39.90838"	P-198	16	82°36'54.91879"	21°16'43.10335"
P-149	12	82°34'21.13542"	21°14'40.00928"	P-199	16	82°36'51.44970"	21°16'43.08941"
P-150	12	82°33'48.76227"	21°14'45.94886"	P-200	16	82°36'47.98077"	21°16'43.07190"
P-201	16	82°36'44.51257"	21°16'43.03273"	P-251	17	82°37'42.38653"	21°19'50.48524"
P-202	16	82°36'43.68636"	21°16'42.99431"	P-252	17	82°37'42.54541"	21°19'50.84445"
P-203	16	82°36'43.68636"	21°16'42.99431"	P-253	18	82°40'45.75076"	21°18'21.71170"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-204	16	82°36'40.27652"	21°16'42.42622"	P-254	18	82°40'46.80850"	21°18'24.79509"
P-205	16	82°36'37.07332"	21°16'41.18770"	P-255	18	82°40'46.66981"	21°18'28.02317"
P-206	16	82°36'34.04617"	21°16'39.60362"	P-256	18	82°40'45.59461"	21°18'31.10856"
P-207	16	82°36'31.38666"	21°16'37.52333"	P-257	18	82°40'44.32118"	21°18'34.13222"
P-208	16	82°36'29.14224"	21°16'35.04937"	P-258	18	82°40'43.16530"	21°18'37.19785"
P-209	16	82°36'27.37245"	21°16'32.25641"	P-259	18	82°40'41.88716"	21°18'40.21723"
P-210	16	82°36'25.83632"	21°16'29.34108"	P-260	18	82°40'40.14897"	21°18'43.01165"
P-211	16	82°36'24.22172"	21°16'26.46768"	P-261	18	82°40'37.71293"	21°18'45.05890"
P-212	16	82°36'23.81835"	21°16'25.88700"	P-262	18	82°40'37.71293"	21°18'45.05890"
P-213	16	82°37'08.10460"	21°16'46.79996"	P-263	18	82°40'35.44088"	21°18'47.49695"
P-214	16	82°37'05.01657"	21°16'45.31860"	P-264	18	82°40'34.46196"	21°18'49.59914"
P-215	16	82°37'01.78935"	21°16'44.14571"	P-265	19	82°40'28.20710"	21°17'18.18582"
P-216	16	82°36'58.42718"	21°16'43.35223"	P-266	19	82°40'30.28018"	21°17'20.74562"
P-217	16	82°36'54.97515"	21°16'43.08798"	P-267	19	82°40'31.24859"	21°17'23.86511"
P-218	16	82°36'51.50607"	21°16'43.07379"	P-268	19	82°40'32.28590"	21°17'26.96777"
P-219	16	82°36'48.03715"	21°16'43.05532"	P-269	19	82°40'33.27718"	21°17'30.08350"
P-220	16	82°36'44.56878"	21°16'43.02057"	P-270	19	82°40'34.41053"	21°17'33.15638"
P-221	16	82°36'41.13296"	21°16'42.61411"	P-271	19	82°40'35.52307"	21°17'36.23501"
P-222	16	82°36'39.66324"	21°16'42.21871"	P-272	19	82°40'36.23522"	21°17'39.41488"
P-223	16	82°36'39.66324"	21°16'42.21871"	P-273	19	82°40'36.79282"	21°17'42.62374"
P-224	16	82°36'36.49381"	21°16'40.90016"	P-274	19	82°40'37.36903"	21°17'45.82990"
P-225	16	82°36'33.52075"	21°16'39.23196"	P-275	19	82°40'37.42274"	21°17'46.14177"
P-226	16	82°36'30.93562"	21°16'37.06988"	P-276	19	82°40'37.42274"	21°17'46.14177"
P-227	16	82°36'28.78268"	21°16'34.52552"	P-277	19	82°40'37.67644"	21°17'49.37905"
P-228	16	82°36'27.09006"	21°16'31.69013"	P-278	19	82°40'36.94231"	21°17'52.54392"
P-229	16	82°36'25.55859"	21°16'28.77261"	P-279	19	82°40'35.96961"	21°17'55.66242"
P-230	16	82°36'23.87355"	21°16'25.93668"	P-280	19	82°40'35.94401"	21°17'55.73536"
P-231	16	82°36'23.83307"	21°16'25.87841"	P-281	19	82°40'35.94401"	21°17'55.73536"
P-232	16	82°36'39.65619"	21°16'42.23356"	P-282	19	82°40'36.12464"	21°17'58.96696"
P-233	16	82°36'39.65619"	21°16'42.23356"	P-283	19	82°40'37.20627"	21°18'02.05127"
P-234	16	82°36'38.72739"	21°16'43.53266"	P-284	19	82°40'38.57010"	21°18'05.04090"
P-235	16	82°36'39.66324"	21°16'42.21871"	P-285	19	82°40'39.85993"	21°18'08.05915"
P-236	17	82°37'16.76581"	21°19'48.49490"	P-286	19	82°40'41.16427"	21°18'11.07195"
P-237	17	82°37'19.96635"	21°19'49.75061"	P-287	19	82°40'41.97070"	21°18'13.03024"
P-238	17	82°37'23.28008"	21°19'50.66957"	P-288	19	82°40'35.94401"	21°17'55.73536"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-239	17	82°37'26.70434"	21°19'50.71627"	P-289	19	82°40'33.70995"	21°17'58.21654"
P-240	17	82°37'26.70434"	21°19'50.71627"	P-290	19	82°40'31.13784"	21°18'00.35973"
P-241	17	82°37'30.17325"	21°19'50.63525"	P-291	19	82°40'28.23352"	21°18'02.13522"
P-242	17	82°37'33.64350"	21°19'50.62724"	P-292	19	82°40'25.32107"	21°18'03.90150"
P-243	17	82°37'37.11286"	21°19'50.56446"	P-293	19	82°40'22.38545"	21°18'05.63389"
P-244	17	82°37'40.58255"	21°19'50.53335"	P-294	19	82°40'19.48999"	21°18'07.42434"
P-245	17	82°37'42.38653"	21°19'50.48524"	P-295	19	82°40'16.56726"	21°18'09.17467"
P-246	17	82°37'42.38653"	21°19'50.48524"	P-296	19	82°40'15.43328"	21°18'09.87066"
P-247	17	82°37'41.32147"	21°19'47.39089"	P-297	19	82°40'18.57494"	21°18'09.20749"
P-248	17	82°37'41.08964"	21°19'46.79549"	P-298	19	82°40'20.67980"	21°18'07.20408"
P-249	17	82°37'43.43158"	21°19'50.49243"	P-299	19	82°40'23.59710"	21°18'05.44445"
P-250	17	82°37'42.38653"	21°19'50.48524"	P-300	19	82°40'26.52006"	21°18'03.69427"
P-301	19	82°40'29.37977"	21°18'01.85405"	P-351	20	82°41'31.72994"	21°16'57.61269"
P-302	19	82°40'32.33162"	21°18'00.15021"	P-352	20	82°41'34.37082"	21°16'55.51077"
P-303	19	82°40'34.70095"	21°17'57.79214"	P-353	20	82°41'37.24548"	21°16'53.69992"
P-304	19	82°40'35.94401"	21°17'55.73536"	P-354	20	82°41'40.42684"	21°16'52.41241"
P-305	19	82°40'15.55096"	21°18'10.31124"	P-355	20	82°41'43.76134"	21°16'51.52645"
P-306	19	82°40'18.40374"	21°18'08.80653"	P-356	20	82°41'47.19671"	21°16'51.09192"
P-307	19	82°40'18.57494"	21°18'09.20749"	P-357	20	82°41'50.65506"	21°16'50.83654"
P-308	20	82°42'12.62744"	21°16'44.58041"	P-358	20	82°41'54.11303"	21°16'50.57628"
P-309	20	82°42'09.19435"	21°16'45.01999"	P-359	20	82°41'57.53249"	21°16'50.05798"
P-310	20	82°42'05.95538"	21°16'46.15758"	P-360	20	82°42'00.74565"	21°16'48.83572"
P-311	20	82°42'02.91627"	21°16'47.72477"	P-361	20	82°42'03.77976"	21°16'47.26173"
P-312	20	82°41'59.83662"	21°16'49.21413"	P-362	20	82°42'06.84736"	21°16'45.74725"
P-313	20	82°41'56.56619"	21°16'50.27458"	P-363	20	82°42'10.16126"	21°16'44.82072"
P-314	20	82°41'53.12289"	21°16'50.65483"	P-364	20	82°42'12.62487"	21°16'44.57295"
P-315	20	82°41'49.66479"	21°16'50.91360"	P-365	21	82°38'44.18804"	21°14'35.92146"
P-316	20	82°41'48.57231"	21°16'50.99553"	P-366	21	82°38'46.71437"	21°14'38.14859"
P-317	20	82°41'48.57231"	21°16'50.99553"	P-367	21	82°38'49.64031"	21°14'39.83292"
P-318	20	82°41'45.11948"	21°16'51.30255"	P-368	21	82°38'52.77043"	21°14'41.21937"
P-319	20	82°41'41.73586"	21°16'52.00757"	P-369	21	82°38'55.71955"	21°14'42.92509"
P-320	20	82°41'38.48952"	21°16'53.14900"	P-370	21	82°38'58.00490"	21°14'45.31477"
P-321	20	82°41'35.47935"	21°16'54.75032"	P-371	21	82°39'00.01156"	21°14'47.93188"
P-322	20	82°41'32.73187"	21°16'56.73453"	P-372	21	82°39'02.68570"	21°14'50.00032"
P-323	20	82°41'30.29891"	21°16'59.05075"	P-373	21	82°39'05.30489"	21°14'52.12678"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-324	20	82°41'27.89718"	21°17'01.39660"	P-374	21	82°39'06.84531"	21°14'54.98859"
P-325	20	82°41'25.04496"	21°17'03.20965"	P-375	21	82°39'06.61929"	21°14'58.21686"
P-326	20	82°41'21.69435"	21°17'03.98015"	P-376	21	82°39'06.60560"	21°14'58.26086"
P-327	20	82°41'18.22645"	21°17'04.05492"	P-377	21	82°39'06.60560"	21°14'58.26086"
P-328	20	82°41'14.75769"	21°17'04.10509"	P-378	21	82°39'05.67154"	21°15'01.39102"
P-329	20	82°41'11.28881"	21°17'04.14958"	P-379	21	82°39'04.26472"	21°15'04.32708"
P-330	20	82°41'07.81976"	21°17'04.17099"	P-380	21	82°39'01.80743"	21°15'06.60980"
P-331	20	82°41'04.35070"	21°17'04.19322"	P-381	21	82°39'02.82597"	21°15'08.55118"
P-332	20	82°41'00.88240"	21°17'04.26751"	P-382	21	82°39'06.13893"	21°15'09.50153"
P-333	20	82°40'57.41384"	21°17'04.32536"	P-383	21	82°39'09.47960"	21°15'10.03931"
P-334	20	82°40'53.94466"	21°17'04.33570"	P-384	21	82°39'11.63471"	21°15'09.24029"
P-335	20	82°40'50.47605"	21°17'04.27468"	P-385	21	82°39'05.30896"	21°14'50.24479"
P-336	20	82°40'49.40406"	21°17'04.22780"	P-386	21	82°39'02.60805"	21°14'49.52463"
P-337	20	82°40'49.39593"	21°17'04.21117"	P-387	21	82°38'59.95009"	21°14'47.43791"
P-338	20	82°40'52.86356"	21°17'04.29932"	P-388	21	82°38'59.69561"	21°14'47.21389"
P-339	20	82°40'56.33255"	21°17'04.31464"	P-389	21	82°38'59.69561"	21°14'47.21389"
P-340	20	82°40'59.80140"	21°17'04.27589"	P-390	21	82°38'57.87952"	21°14'44.45316"
P-341	20	82°41'03.26967"	21°17'04.20004"	P-391	21	82°38'55.34871"	21°14'42.27083"
P-342	20	82°41'06.73845"	21°17'04.15721"	P-392	21	82°38'52.35543"	21°14'40.63117"
P-343	20	82°41'10.20763"	21°17'04.15855"	P-393	21	82°38'49.18215"	21°14'39.33946"
P-344	20	82°41'13.67655"	21°17'04.11726"	P-394	21	82°38'46.40587"	21°14'37.43454"
P-345	20	82°41'17.14496"	21°17'04.04889"	P-395	21	82°38'44.22120"	21°14'35.66044"
P-346	20	82°41'20.61381"	21°17'04.00441"	P-396	22	82°40'08.24457"	21°12'56.66822"
P-347	20	82°41'24.03685"	21°17'03.57012"	P-397	22	82°40'11.59377"	21°12'57.50229"
P-348	20	82°41'27.09151"	21°17'02.06582"	P-398	22	82°40'14.94061"	21°12'58.35195"
P-349	20	82°41'29.34415"	21°16'59.97303"	P-399	22	82°40'18.28257"	21°12'59.21833"
P-350	20	82°41'29.34415"	21°16'59.97303"	P-400	22	82°40'21.50465"	21°13'00.40946"
P-401	22	82°40'24.36179"	21°13'02.20164"	P-451	26	82°41'48.66684"	21°09'57.35722"
P-402	22	82°40'27.66770"	21°13'03.18065"	P-452	27	82°40'21.57114"	21°10'01.89811"
P-403	22	82°40'30.99889"	21°13'02.42489"	P-453	27	82°40'10.22206"	21°09'58.77047"
P-404	22	82°40'31.63932"	21°13'02.28502"	P-454	27	82°40'06.88575"	21°09'58.39787"
P-405	22	82°40'31.63932"	21°13'02.28502"	P-455	28	82°39'41.20245"	21°10'02.28738"
P-406	22	82°40'32.03522"	21°13'03.09764"	P-456	28	82°39'39.91923"	21°10'05.30642"
P-407	22	82°40'47.17819"	21°12'46.37247"	P-457	28	82°39'38.69248"	21°10'08.34684"
P-408	22	82°40'44.51731"	21°12'47.82759"	P-458	28	82°39'37.50015"	21°10'11.39993"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-409	22	82°40'42.57451"	21°12'50.51969"	P-459	28	82°39'36.33733"	21°10'14.46312"
P-410	22	82°40'40.19389"	21°12'52.85311"	P-460	28	82°39'35.17449"	21°10'17.52630"
P-411	22	82°40'37.65940"	21°12'55.05311"	P-461	28	82°39'33.99094"	21°10'20.58223"
P-412	22	82°40'35.98181"	21°12'57.89785"	P-462	28	82°39'32.74853"	21°10'23.61241"
P-413	22	82°40'34.37873"	21°13'00.77629"	P-463	28	82°39'30.97278"	21°10'26.40352"
P-414	22	82°40'31.63932"	21°13'02.28502"	P-464	28	82°39'29.12639"	21°10'29.15535"
P-415	23	82°43'12.33303"	21°11'49.66669"	P-465	28	82°39'27.28348"	21°10'31.90941"
P-416	23	82°43'08.96055"	21°11'49.85968"	P-466	28	82°39'25.46249"	21°10'34.67625"
P-417	23	82°43'05.58333"	21°11'50.57954"	P-467	28	82°39'23.63763"	21°10'37.44085"
P-418	23	82°43'02.19166"	21°11'51.22362"	P-468	28	82°39'21.82323"	21°10'40.21148"
P-419	23	82°42'58.82196"	21°11'51.97536"	P-469	28	82°39'21.32812"	21°10'40.96866"
P-420	23	82°42'55.53913"	21°11'53.01918"	P-470	28	82°39'21.32812"	21°10'40.96866"
P-421	23	82°42'52.32020"	21°11'54.22557"	P-471	28	82°39'19.49341"	21°10'43.72740"
P-422	23	82°42'49.41404"	21°11'55.96276"	P-472	28	82°39'17.65454"	21°10'46.48385"
P-423	23	82°42'48.67305"	21°11'56.55094"	P-473	28	82°39'16.70295"	21°10'47.90534"
P-424	24	82°43'45.02571"	21°11'45.23664"	P-474	29	82°37'01.21172"	21°10'35.29320"
P-425	24	82°43'45.86719"	21°11'42.08289"	P-475	29	82°37'00.67000"	21°10'32.16276"
P-426	24	82°43'46.74281"	21°11'38.93881"	P-476	29	82°37'00.45657"	21°10'28.94228"
P-427	24	82°43'47.68510"	21°11'35.81162"	P-477	29	82°36'59.03228"	21°10'26.38645"
P-428	24	82°43'48.35278"	21°11'32.62854"	P-478	29	82°36'57.84273"	21°10'23.47646"
P-429	24	82°43'48.57589"	21°11'29.38425"	P-479	29	82°36'56.20183"	21°10'20.71283"
P-430	24	82°43'48.91409"	21°11'26.14892"	P-480	29	82°36'54.07926"	21°10'18.17794"
P-431	24	82°43'49.26151"	21°11'22.91958"	P-481	29	82°36'52.24751"	21°10'15.55846"
P-432	24	82°43'49.40961"	21°11'21.33764"	P-482	29	82°36'49.78492"	21°10'13.31634"
P-433	24	82°43'49.40961"	21°11'21.33764"	P-483	29	82°36'47.42988"	21°10'10.93113"
P-434	24	82°43'49.80550"	21°11'18.10807"	P-484	29	82°36'45.86083"	21°10'08.13385"
P-435	24	82°43'50.37584"	21°11'14.90480"	P-485	29	82°36'44.62403"	21°10'05.27222"
P-436	24	82°43'51.29652"	21°11'11.77037"	P-486	29	82°36'42.75808"	21°10'02.60597"
P-437	24	82°43'52.23510"	21°11'08.64241"	P-487	29	82°36'42.41157"	21°09'59.43604"
P-438	24	82°43'53.18284"	21°11'05.51511"	P-488	29	82°36'40.99340"	21°09'56.79581"
P-439	24	82°43'54.12198"	21°11'02.38549"	P-489	29	82°36'40.92275"	21°09'53.71298"
P-440	24	82°43'54.96796"	21°10'59.23245"	P-490	29	82°36'40.87520"	21°09'50.52185"
P-441	24	82°43'55.73747"	21°10'56.06675"	P-491	29	82°36'41.12872"	21°09'47.36740"
P-442	24	82°43'55.65299"	21°10'52.81878"	P-492	29	82°36'41.05455"	21°09'45.26899"
P-443	24	82°43'55.61072"	21°10'51.55007"	P-493	30	82°36'14.52857"	21°08'27.92539"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-444	25	82°43'12.48863"	21°10'04.23440"	P-494	30	82°36'13.81045"	21°08'25.39143"
P-445	25	82°43'10.10201"	21°10'01.87705"	P-495	31	82°37'15.77259"	21°07'08.01055"
P-446	25	82°43'07.24759"	21°10'00.04242"	P-496	31	82°37'18.97726"	21°07'06.77865"
P-447	25	82°43'04.39444"	21°09'58.19723"	P-497	31	82°37'22.25337"	21°07'05.71881"
P-448	25	82°43'02.79725"	21°09'57.14821"	P-498	31	82°37'25.49224"	21°07'04.56310"
P-449	26	82°41'49.67907"	21°09'51.34538"	P-499	31	82°37'28.76521"	21°07'03.49573"
P-450	26	82°41'49.52874"	21°09'54.51548"	P-500	31	82°37'32.00990"	21°07'02.35476"
P-501	31	82°37'35.24192"	21°07'01.18233"	P-551	33	82°32'42.34414"	21°07'25.33011"
P-502	31	82°37'38.49459"	21°07'00.06141"	P-552	33	82°32'43.63278"	21°07'24.24395"
P-503	31	82°37'41.74518"	21°06'58.93906"	P-553	33	82°32'43.63278"	21°07'24.24395"
P-504	31	82°37'43.93698"	21°06'56.56141"	P-554	33	82°32'45.49258"	21°07'22.70879"
P-505	31	82°37'45.56253"	21°06'53.69293"	P-555	34	82°31'12.99777"	21°10'15.44887"
P-506	31	82°37'45.93579"	21°06'53.10479"	P-556	34	82°31'11.78540"	21°10'12.43439"
P-507	32	82°33'39.81321"	21°04'42.59433"	P-557	34	82°31'09.81899"	21°10'09.75704"
P-508	32	82°33'41.29532"	21°04'45.53191"	P-558	34	82°31'07.96462"	21°10'07.00975"
P-509	32	82°33'42.81114"	21°04'48.45519"	P-559	34	82°31'06.13783"	21°10'04.24653"
P-510	32	82°33'44.50242"	21°04'51.29062"	P-560	34	82°31'04.21458"	21°10'01.54758"
P-511	32	82°33'46.40953"	21°04'54.00377"	P-561	34	82°31'04.26731"	21°09'58.40926"
P-512	32	82°33'48.20561"	21°04'56.77831"	P-562	34	82°31'05.53892"	21°09'55.38729"
P-513	32	82°33'50.08797"	21°04'59.50218"	P-563	34	82°31'06.78023"	21°09'52.35163"
P-514	32	82°33'51.49142"	21°05'02.46300"	P-564	34	82°31'06.79170"	21°09'52.32567"
P-515	32	82°33'52.33732"	21°05'05.60657"	P-565	34	82°31'06.79170"	21°09'52.32567"
P-516	32	82°33'52.38744"	21°05'05.92625"	P-566	34	82°31'08.48042"	21°09'49.48741"
P-517	32	82°33'52.38744"	21°05'05.92625"	P-567	34	82°31'10.30113"	21°09'46.72403"
P-518	32	82°33'52.26307"	21°05'09.16775"	P-568	34	82°31'12.19404"	21°09'44.00954"
P-519	32	82°33'51.82409"	21°05'12.37869"	P-569	34	82°31'12.40930"	21°09'43.23125"
P-520	32	82°33'51.10499"	21°05'15.55778"	P-570	35	82°47'11.22286"	21°09'33.66080"
P-521	32	82°33'50.68491"	21°05'18.76536"	P-571	35	82°47'14.30812"	21°09'32.19263"
P-522	32	82°33'50.02372"	21°05'18.97593"	P-572	35	82°47'17.74776"	21°09'31.82996"
P-523	32	82°33'50.02372"	21°05'18.97593"	P-573	35	82°47'20.46392"	21°09'30.58765"
P-524	32	82°33'51.01274"	21°05'21.38984"	P-574	35	82°47'19.47135"	21°09'27.47656"
P-525	32	82°33'51.27093"	21°05'22.09281"	P-575	35	82°47'18.48247"	21°09'24.36082"
P-526	33	82°31'51.43720"	21°08'21.31476"	P-576	35	82°47'17.61164"	21°09'21.21775"
P-527	33	82°31'52.65569"	21°08'18.27185"	P-577	35	82°47'17.15515"	21°09'17.99666"
P-528	33	82°31'54.17681"	21°08'15.35374"	P-578	35	82°47'17.00008"	21°09'14.74969"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-529	33	82°31'55.94222"	21°08'12.55709"	P-579	35	82°47'19.86780"	21°09'13.27313"
P-530	33	82°31'57.76970"	21°08'09.79743"	P-580	35	82°47'23.06424"	21°09'12.05273"
P-531	33	82°31'57.94615"	21°08'09.53948"	P-581	35	82°47'24.51955"	21°09'14.82378"
P-532	33	82°31'57.94615"	21°08'09.53948"	P-582	35	82°47'25.15662"	21°09'17.99611"
P-533	33	82°31'59.73684"	21°08'06.75852"	P-583	35	82°47'25.27056"	21°09'21.24218"
P-534	33	82°32'01.55010"	21°08'03.98837"	P-584	35	82°47'26.04381"	21°09'24.38052"
P-535	33	82°32'03.56625"	21°08'01.34499"	P-585	35	82°47'28.46908"	21°09'26.66702"
P-536	33	82°32'05.59261"	21°07'58.70705"	P-586	35	82°47'30.69484"	21°09'29.15051"
P-537	33	82°32'07.61775"	21°07'56.06878"	P-587	35	82°47'33.30968"	21°09'31.26267"
P-538	33	82°32'09.65920"	21°07'53.44196"	P-588	35	82°47'36.09886"	21°09'33.18977"
P-539	33	82°32'11.65649"	21°07'50.78492"	P-589	35	82°47'37.74966"	21°09'34.44398"
P-540	33	82°32'14.26274"	21°07'48.77185"	P-590	35	82°47'37.74966"	21°09'34.44398"
P-541	33	82°32'17.56376"	21°07'47.78345"	P-591	35	82°47'40.40530"	21°09'36.53117"
P-542	33	82°32'20.36257"	21°07'45.96480"	P-592	35	82°47'43.15723"	21°09'38.24441"
P-543	33	82°32'22.64736"	21°07'43.52596"	P-593	35	82°47'46.39916"	21°09'39.25330"
P-544	33	82°32'24.98341"	21°07'41.13043"	P-594	35	82°47'49.83815"	21°09'39.65303"
P-545	33	82°32'27.15659"	21°07'38.60278"	P-595	35	82°47'53.24799"	21°09'40.15344"
P-546	33	82°32'29.40773"	21°07'36.13160"	P-596	35	82°47'56.70237"	21°09'40.02911"
P-547	33	82°32'31.93043"	21°07'33.90762"	P-597	35	82°48'00.07497"	21°09'39.29589"
P-548	33	82°32'34.56442"	21°07'31.79838"	P-598	35	82°48'03.49079"	21°09'38.76445"
P-549	33	82°32'37.13253"	21°07'29.61543"	P-599	35	82°48'03.95325"	21°09'38.73332"
P-550	33	82°32'39.71682"	21°07'27.44940"	P-600	36	82°47'03.33350"	21°09'35.52714"
P-601	36	82°47'05.48780"	21°09'35.24986"	P-651	43	82°46'13.76174"	21°13'08.16949"
P-602	37	82°47'03.55137"	21°10'40.37858"	P-652	43	82°46'10.29455"	21°13'08.20749"
P-603	37	82°47'00.48816"	21°10'39.22710"	P-653	43	82°46'06.82886"	21°13'08.30112"
P-604	37	82°46'57.12468"	21°10'38.44053"	P-654	43	82°46'03.36201"	21°13'08.35712"
P-605	37	82°46'54.89704"	21°10'36.26819"	P-655	43	82°45'59.89528"	21°13'08.40838"
P-606	37	82°46'53.19969"	21°10'33.43444"	P-656	43	82°45'56.42832"	21°13'08.46264"
P-607	37	82°46'51.51259"	21°10'30.59456"	P-657	43	82°45'52.96230"	21°13'08.55754"
P-608	37	82°46'49.83179"	21°10'27.75275"	P-658	43	82°45'49.49812"	21°13'08.68807"
P-609	37	82°46'48.15479"	21°10'24.90808"	P-659	43	82°45'46.03091"	21°13'08.70378"
P-610	37	82°46'46.47301"	21°10'22.06507"	P-660	43	82°45'42.56493"	21°13'08.74556"
P-611	37	82°46'44.90180"	21°10'19.60795"	P-661	43	82°45'39.70546"	21°13'08.78657"
P-612	38	82°47'20.02640"	21°11'11.16726"	P-662	44	82°46'10.30998"	21°14'50.64790"
P-613	38	82°47'22.40970"	21°11'10.41584"	P-663	44	82°46'07.39865"	21°14'48.90563"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-614	38	82°47'03.94146"	21°11'05.36528"	P-664	44	82°46'05.25426"	21°14'46.37331"
P-615	39	82°45'57.99020"	21°10'53.55378"	P-665	44	82°46'03.24108"	21°14'43.72656"
P-616	39	82°46'01.13131"	21°10'54.51418"	P-666	44	82°46'01.19662"	21°14'41.10209"
P-617	39	82°46'03.79323"	21°10'56.57893"	P-667	44	82°45'59.43861"	21°14'38.31355"
P-618	39	82°46'06.91285"	21°10'57.95376"	P-668	44	82°45'58.78982"	21°14'36.44715"
P-619	39	82°46'10.32263"	21°10'58.41811"	P-669	45	82°56'10.55463"	21°11'34.26012"
P-620	39	82°46'10.39765"	21°10'58.42690"	P-670	45	82°56'10.15219"	21°11'37.48902"
P-621	40	82°44'59.94068"	21°10'54.78838"	P-671	45	82°56'09.85951"	21°11'40.72845"
P-622	40	82°44'58.27446"	21°10'53.81835"	P-672	45	82°56'09.76727"	21°11'43.95801"
P-623	40	82°44'58.55774"	21°10'50.58452"	P-673	45	82°56'11.35270"	21°11'46.83099"
P-624	40	82°44'58.56392"	21°10'47.33863"	P-674	45	82°56'13.19076"	21°11'49.58699"
P-625	40	82°44'58.75804"	21°10'44.10343"	P-675	45	82°56'13.70309"	21°11'52.78281"
P-626	40	82°44'58.98988"	21°10'41.07662"	P-676	45	82°56'14.23461"	21°11'55.99404"
P-627	40	82°44'56.65118"	21°10'39.02971"	P-677	45	82°56'13.19458"	21°11'59.01060"
P-628	41	82°45'11.72491"	21°12'27.37226"	P-678	45	82°56'11.11903"	21°12'01.61438"
P-629	41	82°45'13.75672"	21°12'24.75056"	P-679	45	82°56'09.08292"	21°12'04.24504"
P-630	41	82°45'15.73326"	21°12'22.09212"	P-680	45	82°56'08.07446"	21°12'07.31758"
P-631	41	82°45'17.45990"	21°12'19.87473"	P-681	45	82°56'08.11510"	21°12'09.49620"
P-632	41	82°45'17.28974"	21°12'18.06342"	P-682	46	82°57'20.13019"	21°11'56.13104"
P-633	42	82°45'34.77996"	21°13'00.58690"	P-683	46	82°57'16.76854"	21°11'55.37017"
P-634	42	82°45'32.77934"	21°12'57.94073"	P-684	46	82°57'13.45556"	21°11'54.41779"
P-635	42	82°45'31.59989"	21°12'56.83894"	P-685	46	82°57'10.28336"	21°11'53.11144"
P-636	43	82°47'00.05118"	21°13'13.23261"	P-686	46	82°57'07.68469"	21°11'51.42767"
P-637	43	82°46'57.09693"	21°13'11.53432"	P-687	47	83°05'34.80145"	21°11'47.54751"
P-638	43	82°46'53.82208"	21°13'10.53081"	P-688	47	83°05'35.69275"	21°11'44.40618"
P-639	43	82°46'50.44446"	21°13'09.79985"	P-689	47	83°05'36.72023"	21°11'41.30227"
P-640	43	82°46'47.07254"	21°13'09.04368"	P-690	47	83°05'37.66910"	21°11'38.17583"
P-641	43	82°46'43.70287"	21°13'08.27803"	P-691	47	83°05'38.54091"	21°11'35.03122"
P-642	43	82°46'40.33576"	21°13'07.50279"	P-692	47	83°05'39.21157"	21°11'31.84356"
P-643	43	82°46'36.91331"	21°13'07.39447"	P-693	47	83°05'40.32017"	21°11'30.40862"
P-644	43	82°46'33.46959"	21°13'07.76423"	P-694	47	83°05'40.32017"	21°11'30.40862"
P-645	43	82°46'30.00690"	21°13'07.91645"	P-695	47	83°05'39.72867"	21°11'27.93469"
P-646	43	82°46'26.53976"	21°13'07.95191"	P-696	47	83°05'40.55534"	21°11'24.78980"
P-647	43	82°46'24.16247"	21°13'08.01515"	P-697	47	83°05'40.49422"	21°11'21.83346"
P-648	43	82°46'24.16247"	21°13'08.01515"	P-698	47	83°05'40.21486"	21°11'21.47771"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-649	43	82°46'20.69566"	21°13'08.06438"	P-699	48	83°10'13.20692"	21°13'14.93553"
P-650	43	82°46'17.22841"	21°13'08.10010"	P-700	48	83°10'14.54464"	21°13'11.94046"
P-701	48	83°10'16.89571"	21°13'09.78534"	P-751	51	83°11'28.91408"	21°17'59.84095"
P-702	48	83°10'19.02714"	21°13'07.28703"	P-752	51	83°11'25.88857"	21°17'58.28244"
P-703	48	83°10'19.64398"	21°13'06.89771"	P-753	51	83°11'22.49565"	21°17'57.68198"
P-704	48	83°10'09.88478"	21°13'21.67724"	P-754	51	83°11'19.02746"	21°17'57.64822"
P-705	48	83°10'11.26340"	21°13'18.69711"	P-755	51	83°11'15.55887"	21°17'57.63005"
P-706	48	83°10'12.74186"	21°13'15.75781"	P-756	51	83°11'13.43416"	21°17'57.60862"
P-707	48	83°10'13.20692"	21°13'14.93553"	P-757	52	83°13'52.03374"	21°18'40.08042"
P-708	48	83°10'19.64398"	21°13'06.89771"	P-758	52	83°13'48.77953"	21°18'41.20555"
P-709	48	83°10'22.22978"	21°13'04.74979"	P-759	52	83°13'46.12643"	21°18'42.05396"
P-710	48	83°10'25.35786"	21°13'03.54687"	P-760	52	83°13'46.12643"	21°18'42.05396"
P-711	48	83°10'28.67498"	21°13'02.62562"	P-761	52	83°13'42.80036"	21°18'42.58592"
P-712	48	83°10'31.26779"	21°13'00.55195"	P-762	52	83°13'33.45708"	21°18'40.76367"
P-713	48	83°10'33.43316"	21°12'58.01366"	P-763	52	83°13'30.03721"	21°18'40.24594"
P-714	48	83°10'35.66328"	21°12'55.52596"	P-764	52	83°13'26.58574"	21°18'39.94908"
P-715	48	83°10'37.83113"	21°12'52.99022"	P-765	52	83°13'23.12316"	21°18'39.75384"
P-716	48	83°10'39.99602"	21°12'50.45168"	P-766	52	83°13'19.66425"	21°18'39.51439"
P-717	48	83°10'41.68112"	21°12'47.63349"	P-767	52	83°13'16.22457"	21°18'39.09420"
P-718	48	83°10'42.91731"	21°12'44.59723"	P-768	52	83°13'12.78731"	21°18'38.65639"
P-719	48	83°10'44.19380"	21°12'41.57537"	P-769	52	83°13'09.35054"	21°18'38.21520"
P-720	48	83°10'47.27614"	21°12'40.31419"	P-770	52	83°13'07.73375"	21°18'38.00915"
P-721	48	83°10'50.73101"	21°12'40.05438"	P-771	52	83°13'42.80036"	21°18'42.58592"
P-722	48	83°10'53.85074"	21°12'39.62073"	P-772	52	83°13'39.35316"	21°18'42.31704"
P-723	48	83°10'54.97324"	21°12'37.71969"	P-773	52	83°13'36.01250"	21°18'41.44676"
P-724	49	83°09'35.27517"	21°17'40.92278"	P-774	52	83°13'33.45708"	21°18'40.76367"
P-725	49	83°09'36.99708"	21°17'38.10285"	P-775	53	83°14'09.66582"	21°19'14.14223"
P-726	49	83°09'38.80304"	21°17'35.32761"	P-776	53	83°14'10.08805"	21°19'10.93067"
P-727	49	83°09'40.86250"	21°17'32.72604"	P-777	53	83°14'10.66211"	21°19'10.23749"
P-728	49	83°09'43.60317"	21°17'30.74989"	P-778	53	83°14'10.66211"	21°19'10.23749"
P-729	49	83°09'46.61507"	21°17'29.13900"	P-779	53	83°14'13.54607"	21°19'08.43600"
P-730	49	83°09'49.70684"	21°17'27.66650"	P-780	53	83°14'14.61172"	21°19'05.52493"
P-731	49	83°09'52.59368"	21°17'25.87115"	P-781	53	83°14'14.69924"	21°19'02.27599"
P-732	49	83°09'52.47702"	21°17'22.87549"	P-782	53	83°14'15.20957"	21°18'59.08357"
P-733	49	83°09'51.39320"	21°17'19.82655"	P-783	53	83°14'16.80775"	21°18'56.20459"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-734	49	83°09'48.93402"	21°17'17.53757"	P-784	53	83°14'18.26413"	21°18'53.31544"
P-735	49	83°09'46.29165"	21°17'15.43389"	P-785	53	83°14'17.23337"	21°18'50.23567"
P-736	49	83°09'45.93805"	21°17'15.10942"	P-786	53	83°14'15.22179"	21°18'47.60496"
P-737	50	83°08'28.81853"	21°17'45.45468"	P-787	53	83°14'12.68802"	21°18'45.38583"
P-738	50	83°08'25.39713"	21°17'45.98964"	P-788	53	83°14'10.72891"	21°18'42.73884"
P-739	50	83°08'21.97573"	21°17'46.52458"	P-789	53	83°14'10.27912"	21°18'40.78091"
P-740	50	83°08'18.54241"	21°17'46.98274"	P-790	54	83°14'20.82306"	21°20'31.17643"
P-741	50	83°08'15.11746"	21°17'47.49734"	P-791	54	83°14'21.47680"	21°20'27.98612"
P-742	50	83°08'11.74228"	21°17'48.02153"	P-792	54	83°14'22.16877"	21°20'24.80133"
P-743	50	83°08'10.94685"	21°17'51.15669"	P-793	54	83°14'22.45033"	21°20'21.56854"
P-744	50	83°08'09.65285"	21°17'54.17258"	P-794	54	83°14'23.14767"	21°20'18.40070"
P-745	50	83°08'08.28740"	21°17'57.16027"	P-795	54	83°14'23.93736"	21°20'15.32594"
P-746	50	83°08'08.02839"	21°17'57.69129"	P-796	54	83°14'22.94564"	21°20'13.93591"
P-747	51	83°11'13.43416"	21°17'57.60862"	P-797	54	83°14'22.94564"	21°20'13.93591"
P-748	51	83°11'12.19615"	21°17'57.59613"	P-798	54	83°14'21.22398"	21°20'11.47577"
P-749	51	83°11'33.04028"	21°18'05.00227"	P-799	54	83°14'16.93303"	21°19'53.64000"
P-750	51	83°11'31.26769"	21°18'02.20911"	P-800	54	83°14'14.82520"	21°19'51.11827"
P-801	54	83°14'14.08163"	21°19'47.94780"	P-851	58	83°13'55.21022"	21°21'05.88679"
P-802	54	83°14'13.28197"	21°19'44.78586"	P-852	58	83°13'57.98315"	21°21'07.82897"
P-803	54	83°14'12.45275"	21°19'41.63126"	P-853	58	83°14'00.25609"	21°21'10.26365"
P-804	54	83°14'11.93970"	21°19'38.42679"	P-854	58	83°13'17.55718"	21°20'43.18852"
P-805	54	83°14'11.78032"	21°19'35.18049"	P-855	58	83°13'20.32302"	21°20'45.12650"
P-806	54	83°14'12.19924"	21°19'31.96936"	P-856	58	83°13'23.00094"	21°20'47.17732"
P-807	54	83°14'12.43021"	21°19'28.76787"	P-857	58	83°13'26.11145"	21°20'48.61342"
P-808	54	83°14'11.62916"	21°19'25.61199"	P-858	58	83°13'29.43175"	21°20'49.54185"
P-809	54	83°14'11.27446"	21°19'22.78380"	P-859	58	83°13'32.14808"	21°20'51.37243"
P-810	54	83°14'21.22398"	21°20'11.47577"	P-860	58	83°13'35.43098"	21°20'52.38825"
P-811	54	83°14'21.35501"	21°20'08.24474"	P-861	58	83°13'38.76748"	21°20'52.98598"
P-812	54	83°14'22.29989"	21°20'05.12613"	P-862	58	83°13'41.64700"	21°20'54.79804"
P-813	54	83°14'22.32926"	21°20'01.88008"	P-863	58	83°13'44.37903"	21°20'56.78688"
P-814	54	83°14'21.25524"	21°19'58.81538"	P-864	58	83°13'46.71248"	21°20'59.19218"
P-815	54	83°14'19.37196"	21°19'56.10698"	P-865	58	83°13'47.79566"	21°21'00.42349"
P-816	54	83°14'18.01847"	21°19'54.67130"	P-866	59	83°12'56.11013"	21°22'37.15833"
P-817	54	83°14'24.03781"	21°20'13.76121"	P-867	59	83°12'55.53089"	21°22'33.99409"
P-818	54	83°14'22.94564"	21°20'13.93591"	P-868	59	83°12'54.75750"	21°22'30.84230"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-819	54	83°14'22.94564"	21°20'13.93591"	P-869	59	83°12'54.58563"	21°22'28.98557"
P-820	54	83°14'24.30789"	21°20'14.09372"	P-870	60	83°12'33.13655"	21°23'30.31461"
P-821	55	83°14'25.00205"	21°20'55.23661"	P-871	60	83°12'36.37374"	21°23'29.28556"
P-822	55	83°14'23.66717"	21°20'52.24458"	P-872	60	83°12'38.23089"	21°23'28.12839"
P-823	55	83°14'22.89116"	21°20'49.10737"	P-873	60	83°12'40.38711"	21°23'30.64774"
P-824	55	83°14'22.51979"	21°20'46.27083"	P-874	60	83°12'43.51531"	21°23'31.95761"
P-825	56	83°15'00.31089"	21°21'41.85031"	P-875	60	83°12'46.23230"	21°23'33.94996"
P-826	56	83°14'57.93465"	21°21'39.49721"	P-876	60	83°12'49.10815"	21°23'35.60805"
P-827	56	83°14'56.12679"	21°21'36.72718"	P-877	60	83°12'52.25463"	21°23'36.96835"
P-828	56	83°14'54.39534"	21°21'33.91152"	P-878	60	83°12'55.30557"	21°23'38.46311"
P-829	56	83°14'53.93932"	21°21'33.03984"	P-879	60	83°12'57.82821"	21°23'40.67216"
P-830	56	83°14'53.64022"	21°21'33.22291"	P-880	60	83°12'59.59913"	21°23'42.01822"
P-831	56	83°14'55.31786"	21°21'36.06541"	P-881	61	83°10'56.83438"	21°22'01.67816"
P-832	56	83°14'57.04581"	21°21'38.88310"	P-882	61	83°11'00.28126"	21°22'01.76712"
P-833	56	83°14'59.21391"	21°21'41.41392"	P-883	61	83°11'03.62503"	21°22'02.54010"
P-834	56	83°15'00.02031"	21°21'42.05422"	P-884	61	83°11'06.75273"	21°22'03.94781"
P-835	57	83°14'01.22061"	21°21'11.70178"	P-885	61	83°11'09.84770"	21°22'05.41726"
P-836	57	83°14'02.75507"	21°21'14.61509"	P-886	61	83°11'12.97360"	21°22'06.82843"
P-837	57	83°14'03.98232"	21°21'17.65432"	P-887	61	83°11'15.94298"	21°22'08.50313"
P-838	57	83°14'05.06146"	21°21'20.74366"	P-888	61	83°11'18.25709"	21°22'10.79800"
P-839	57	83°14'06.17011"	21°21'23.82334"	P-889	61	83°11'19.59044"	21°22'13.76578"
P-840	57	83°14'07.75997"	21°21'26.70568"	P-890	61	83°11'21.33422"	21°22'16.53232"
P-841	57	83°14'10.15256"	21°21'29.00840"	P-891	61	83°11'23.06804"	21°22'19.32631"
P-842	57	83°14'13.28595"	21°21'29.15400"	P-892	61	83°11'24.07370"	21°22'20.07959"
P-843	57	83°14'15.70174"	21°21'26.90735"	P-893	61	83°11'24.07370"	21°22'20.07959"
P-844	57	83°14'17.91060"	21°21'24.46711"	P-894	61	83°11'26.15675"	21°22'22.62697"
P-845	57	83°14'21.08426"	21°21'23.68770"	P-895	61	83°11'28.16773"	21°22'25.26957"
P-846	57	83°14'24.11395"	21°21'22.41473"	P-896	61	83°11'30.02554"	21°22'28.00923"
P-847	57	83°14'27.51292"	21°21'22.36616"	P-897	61	83°11'32.03516"	21°22'30.64010"
P-848	57	83°14'30.90048"	21°21'21.74597"	P-898	61	83°11'34.32795"	21°22'33.07723"
P-849	57	83°14'31.79640"	21°21'21.72441"	P-899	61	83°11'36.51663"	21°22'35.59723"
P-850	58	83°13'52.27882"	21°21'04.19226"	P-900	61	83°11'38.81170"	21°22'38.03454"
P-901	61	83°11'41.09633"	21°22'40.47877"	P-951	63	83°08'03.99896"	21°20'54.07334"
P-902	61	83°11'41.96455"	21°22'41.46213"	P-952	63	83°08'07.36705"	21°20'53.30147"
P-903	61	83°11'41.96455"	21°22'41.46213"	P-953	63	83°08'10.61594"	21°20'52.16016"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-904	61	83°11'44.39997"	21°22'43.77643"	P-954	63	83°08'13.87617"	21°20'51.04756"
P-905	61	83°11'46.86246"	21°22'46.06602"	P-955	63	83°08'17.12944"	21°20'51.12247"
P-906	61	83°11'49.33381"	21°22'48.34676"	P-956	63	83°08'18.70739"	21°20'51.81132"
P-907	61	83°11'51.71914"	21°22'50.70480"	P-957	64	83°07'15.46512"	21°20'31.75257"
P-908	61	83°11'54.02834"	21°22'53.13009"	P-958	64	83°07'15.02241"	21°20'28.52933"
P-909	61	83°11'56.41076"	21°22'55.49147"	P-959	64	83°07'14.14648"	21°20'25.38521"
P-910	61	83°11'58.73056"	21°22'57.90516"	P-960	64	83°07'13.59779"	21°20'22.18650"
P-911	61	83°12'00.80722"	21°23'00.49616"	P-961	64	83°07'13.56758"	21°20'18.93682"
P-912	61	83°12'02.88857"	21°23'03.09552"	P-962	64	83°07'13.61087"	21°20'17.16824"
P-913	61	83°12'05.01004"	21°23'05.65557"	P-963	64	83°07'13.61087"	21°20'17.16824"
P-914	61	83°12'07.36782"	21°23'08.03943"	P-964	64	83°07'12.44257"	21°20'14.12657"
P-915	61	83°12'08.90651"	21°23'10.91327"	P-965	64	83°07'12.57872"	21°20'10.89900"
P-916	61	83°12'10.54065"	21°23'13.76205"	P-966	64	83°07'14.83698"	21°20'08.47549"
P-917	61	83°12'12.68428"	21°23'16.31658"	P-967	64	83°07'16.80548"	21°20'05.81613"
P-918	61	83°12'14.17491"	21°23'19.23723"	P-968	64	83°07'19.12808"	21°20'03.41227"
P-919	61	83°12'15.71355"	21°23'22.14361"	P-969	64	83°07'20.54512"	21°20'00.45481"
P-920	61	83°12'18.31884"	21°23'24.15232"	P-970	64	83°07'18.61812"	21°19'58.59533"
P-921	61	83°12'19.86485"	21°23'25.04680"	P-971	64	83°07'15.41066"	21°19'57.35704"
P-922	61	83°11'24.47846"	21°22'17.80125"	P-972	64	83°07'12.01174"	21°19'57.20312"
P-923	61	83°11'24.23612"	21°22'20.07386"	P-973	64	83°07'08.57599"	21°19'56.88562"
P-924	61	83°11'24.07370"	21°22'20.07959"	P-974	64	83°07'05.32980"	21°19'56.08022"
P-925	61	83°11'24.07370"	21°22'20.07959"	P-975	64	83°07'04.80292"	21°19'52.90397"
P-926	61	83°11'24.59082"	21°22'17.65484"	P-976	64	83°07'04.26462"	21°19'49.72075"
P-927	61	83°11'24.47846"	21°22'17.80125"	P-977	64	83°07'02.76596"	21°19'46.79180"
P-928	62	83°08'39.47557"	21°21'07.09324"	P-978	64	83°07'01.09331"	21°19'43.94443"
P-929	62	83°08'41.31724"	21°21'09.84725"	P-979	64	83°06'59.54358"	21°19'41.04192"
P-930	62	83°08'43.21625"	21°21'12.56753"	P-980	64	83°06'57.36469"	21°19'38.52787"
P-931	62	83°08'45.20912"	21°21'15.16039"	P-981	64	83°06'54.85750"	21°19'36.28229"
P-932	62	83°08'48.67103"	21°21'15.17307"	P-982	64	83°06'52.68535"	21°19'33.74933"
P-933	62	83°08'52.13877"	21°21'15.05640"	P-983	64	83°06'51.58555"	21°19'32.49245"
P-934	62	83°08'55.60501"	21°21'14.91291"	P-984	64	83°06'51.58555"	21°19'32.49245"
P-935	62	83°08'57.18137"	21°21'12.39815"	P-985	64	83°06'49.93320"	21°19'29.67954"
P-936	62	83°08'58.19361"	21°21'09.29049"	P-986	64	83°06'48.81446"	21°19'26.60957"
P-937	62	83°08'59.89905"	21°21'06.55682"	P-987	64	83°06'47.78404"	21°19'23.50903"
P-938	62	83°09'02.47534"	21°21'04.38324"	P-988	64	83°06'46.35946"	21°19'20.70602"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-939	62	83°09'03.98769"	21°21'01.54963"	P-989	64	83°06'45.62495"	21°19'19.80756"
P-940	62	83°09'04.83685"	21°20'58.41146"	P-990	65	83°06'42.45679"	21°21'04.39710"
P-941	62	83°09'04.30813"	21°20'57.25850"	P-991	65	83°06'40.57524"	21°21'06.96765"
P-942	63	83°07'33.06976"	21°20'55.24331"	P-992	65	83°06'39.87941"	21°21'10.11553"
P-943	63	83°07'36.53820"	21°20'55.27588"	P-993	65	83°06'42.45679"	21°21'04.39710"
P-944	63	83°07'39.99794"	21°20'55.51919"	P-994	65	83°06'42.17232"	21°21'18.62828"
P-945	63	83°07'43.45600"	21°20'55.78555"	P-995	65	83°06'44.26930"	21°21'21.21701"
P-946	63	83°07'46.91125"	21°20'56.07943"	P-996	65	83°06'47.05930"	21°21'23.04672"
P-947	63	83°07'50.37196"	21°20'56.31279"	P-997	65	83°06'50.50532"	21°21'23.37795"
P-948	63	83°07'53.80885"	21°20'56.06050"	P-998	65	83°06'53.85745"	21°21'24.16958"
P-949	63	83°07'57.21059"	21°20'55.42056"	P-999	65	83°06'54.25474"	21°21'27.35263"
P-950	63	83°08'00.61229"	21°20'54.78014"	P-1000	65	83°06'54.42220"	21°21'30.59845"
P-1001	65	83°06'54.30639"	21°21'33.83858"	P-1051	69	83°04'13.58866"	21°19'45.88810"
P-1002	65	83°06'53.69541"	21°21'36.97851"	P-1052	69	83°04'13.02787"	21°19'42.70667"
P-1003	65	83°06'54.65693"	21°21'40.10182"	P-1053	69	83°04'13.05642"	21°19'40.40691"
P-1004	65	83°06'55.60703"	21°21'43.22826"	P-1054	69	83°04'27.54078"	21°19'38.19806"
P-1005	65	83°06'56.59197"	21°21'46.34530"	P-1055	69	83°04'30.81665"	21°19'39.26708"
P-1006	65	83°06'58.04087"	21°21'49.28467"	P-1056	69	83°04'34.11288"	21°19'40.27754"
P-1007	65	83°06'59.49907"	21°21'52.23052"	P-1057	69	83°04'37.04564"	21°19'41.99683"
P-1008	65	83°07'00.92755"	21°21'55.19204"	P-1058	69	83°04'39.78876"	21°19'43.98603"
P-1009	65	83°06'40.50702"	21°21'15.13010"	P-1059	69	83°04'42.53945"	21°19'45.96699"
P-1010	65	83°06'40.73167"	21°21'15.74890"	P-1060	69	83°04'45.27831"	21°19'47.96150"
P-1011	65	83°06'42.45679"	21°21'04.39710"	P-1061	69	83°04'48.41455"	21°19'48.61226"
P-1012	65	83°06'42.45679"	21°21'04.39710"	P-1062	69	83°04'51.79233"	21°19'47.87003"
P-1013	65	83°06'42.68483"	21°21'04.43565"	P-1063	69	83°04'55.16283"	21°19'47.09907"
P-1014	65	83°06'45.19537"	21°21'02.19663"	P-1064	69	83°04'58.25708"	21°19'46.35621"
P-1015	65	83°06'47.18540"	21°20'59.53621"	P-1065	70	82°58'51.64879"	21°23'08.02967"
P-1016	65	83°06'49.47111"	21°20'57.10977"	P-1066	70	82°58'50.01304"	21°23'05.77813"
P-1017	65	83°06'56.66336"	21°20'57.63012"	P-1067	70	82°58'48.92239"	21°23'02.99800"
P-1018	66	83°07'09.78790"	21°22'13.14345"	P-1068	70	82°58'48.55497"	21°22'59.93078"
P-1019	66	83°07'10.42988"	21°22'16.28887"	P-1069	70	82°58'49.09180"	21°22'56.73753"
P-1020	66	83°07'09.92790"	21°22'19.50318"	P-1070	70	82°58'49.42370"	21°22'53.50296"
P-1021	66	83°07'09.64522"	21°22'22.72083"	P-1071	70	82°58'49.58555"	21°22'50.92963"
P-1022	66	83°07'09.51111"	21°22'25.91440"	P-1072	70	82°58'49.58555"	21°22'50.92963"
P-1023	66	83°07'08.76864"	21°22'27.44298"	P-1073	70	82°58'48.95723"	21°22'47.74472"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1024	66	83°07'09.54958"	21°22'12.59701"	P-1074	70	82°58'47.84020"	21°22'44.67346"
P-1025	66	83°07'09.78790"	21°22'13.14345"	P-1075	70	82°58'46.41714"	21°22'41.70899"
P-1026	67	83°06'09.08070"	21°21'09.42360"	P-1076	70	82°58'45.02362"	21°22'38.74341"
P-1027	67	83°06'11.65102"	21°21'07.24149"	P-1077	70	82°58'44.26689"	21°22'35.58914"
P-1028	67	83°06'14.92469"	21°21'06.74677"	P-1078	70	82°58'44.18974"	21°22'32.67127"
P-1029	67	83°06'17.17150"	21°21'07.54213"	P-1079	71	83°01'02.64242"	21°23'28.78975"
P-1030	67	83°06'09.10022"	21°21'09.43764"	P-1080	71	83°00'59.63764"	21°23'28.09819"
P-1031	67	83°06'11.67081"	21°21'07.25582"	P-1081	71	83°00'56.67284"	21°23'29.76642"
P-1032	67	83°06'14.94600"	21°21'06.77592"	P-1082	71	83°00'54.08297"	21°23'31.92472"
P-1033	67	83°06'17.10390"	21°21'07.54531"	P-1083	71	83°00'53.13432"	21°23'32.81048"
P-1034	67	83°06'17.10390"	21°21'07.54531"	P-1084	71	83°00'52.81028"	21°23'33.39708"
P-1035	67	83°06'17.16063"	21°21'07.56274"	P-1085	71	83°00'55.35464"	21°23'31.19805"
P-1036	68	83°06'01.08818"	21°20'36.35717"	P-1086	71	83°00'58.01738"	21°23'29.12327"
P-1037	68	83°06'04.29012"	21°20'37.48466"	P-1087	71	83°01'01.14436"	21°23'28.61758"
P-1038	68	83°06'06.10152"	21°20'40.22524"	P-1088	71	83°01'02.64242"	21°23'28.78975"
P-1039	68	83°06'07.60909"	21°20'43.12477"	P-1089	72	82°58'39.56902"	21°23'35.62533"
P-1040	68	83°06'09.07068"	21°20'45.48206"	P-1090	72	82°58'42.97082"	21°23'36.27163"
P-1041	69	83°04'13.05642"	21°19'40.40691"	P-1091	72	82°58'46.27974"	21°23'37.17810"
P-1042	69	83°04'12.98425"	21°19'37.15762"	P-1092	72	82°58'48.71142"	21°23'39.48096"
P-1043	69	83°04'15.11314"	21°19'35.96072"	P-1093	72	82°58'50.00495"	21°23'40.82577"
P-1044	69	83°04'18.44957"	21°19'35.39775"	P-1094	73	82°58'20.72580"	21°23'32.44416"
P-1045	69	83°04'21.73547"	21°19'36.44121"	P-1095	73	82°58'24.16290"	21°23'32.38836"
P-1046	69	83°04'25.03591"	21°19'37.44353"	P-1096	73	82°58'27.51746"	21°23'33.21540"
P-1047	69	83°04'27.54078"	21°19'38.19806"	P-1097	73	82°58'29.69299"	21°23'33.62602"
P-1048	69	83°04'17.62743"	21°19'54.71724"	P-1098	74	82°57'47.83534"	21°25'18.57648"
P-1049	69	83°04'15.82889"	21°19'51.94822"	P-1099	74	82°57'47.02737"	21°25'17.99894"
P-1050	69	83°04'14.54441"	21°19'48.94292"	P-1100	74	82°57'47.02737"	21°25'17.99894"
P-1101	74	82°57'44.20854"	21°25'18.53057"	P-1151	78	82°55'19.55090"	21°29'04.61195"
P-1102	74	82°57'44.20854"	21°25'18.53057"	P-1152	78	82°55'17.49514"	21°29'07.21179"
P-1103	74	82°57'40.74706"	21°25'18.71248"	P-1153	78	82°55'16.52430"	21°29'10.29158"
P-1104	74	82°57'37.65346"	21°25'17.51208"	P-1154	78	82°55'16.64257"	21°29'13.54057"
P-1105	74	82°57'34.84423"	21°25'15.61184"	P-1155	78	82°55'16.85666"	21°29'16.78539"
P-1106	74	82°57'32.11240"	21°25'13.66469"	P-1156	78	82°55'16.99429"	21°29'18.49263"
P-1107	74	82°57'30.53458"	21°25'10.77033"	P-1157	79	82°55'17.46541"	21°29'24.96611"
P-1108	74	82°57'29.02786"	21°25'07.84637"	P-1158	79	82°55'14.21753"	21°29'25.68793"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1109	74	82°57'28.23453"	21°25'07.13306"	P-1159	79	82°55'10.75322"	21°29'25.44976"
P-1110	74	82°58'10.28758"	21°24'49.35767"	P-1160	79	82°55'07.28868"	21°29'25.21609"
P-1111	74	82°58'07.88657"	21°24'51.64664"	P-1161	79	82°55'03.85483"	21°29'24.74483"
P-1112	74	82°58'05.53556"	21°24'54.02799"	P-1162	79	82°55'01.99347"	21°29'24.51879"
P-1113	74	82°58'03.03591"	21°24'56.28088"	P-1163	80	82°51'39.52445"	21°31'37.81514"
P-1114	74	82°58'00.64835"	21°24'58.62820"	P-1164	80	82°51'37.52901"	21°31'38.03699"
P-1115	74	82°57'59.25504"	21°25'01.50841"	P-1165	81	82°51'14.15710"	21°31'11.79462"
P-1116	74	82°57'58.18414"	21°25'04.55114"	P-1166	81	82°51'13.85756"	21°31'08.56123"
P-1117	74	82°57'55.42229"	21°25'06.45601"	P-1167	81	82°51'14.38400"	21°31'05.39815"
P-1118	74	82°57'54.18755"	21°25'06.99585"	P-1168	81	82°51'16.65361"	21°31'02.99478"
P-1119	74	82°57'50.85262"	21°25'13.86750"	P-1169	81	82°51'18.24174"	21°31'00.13173"
P-1120	74	82°57'48.67401"	21°25'16.36841"	P-1170	81	82°51'19.19129"	21°30'57.00710"
P-1121	74	82°57'53.38698"	21°25'07.38208"	P-1171	81	82°51'20.62273"	21°30'54.05607"
P-1122	74	82°57'50.24967"	21°25'08.75986"	P-1172	81	82°51'23.42738"	21°30'52.15693"
P-1123	74	82°57'49.83283"	21°25'11.72764"	P-1173	81	82°51'26.72227"	21°30'51.86089"
P-1124	74	82°57'50.90285"	21°25'12.48128"	P-1174	81	82°51'30.12847"	21°30'52.49081"
P-1125	74	82°57'47.02737"	21°25'17.99894"	P-1175	81	82°51'30.83660"	21°30'50.74197"
P-1126	74	82°57'49.50536"	21°25'15.77976"	P-1176	81	82°51'30.87704"	21°30'50.56454"
P-1127	74	82°57'50.83511"	21°25'14.35070"	P-1177	81	82°51'31.17532"	21°30'47.32901"
P-1128	75	82°56'19.41858"	21°25'21.32683"	P-1178	81	82°51'32.36404"	21°30'44.40486"
P-1129	75	82°56'21.11930"	21°25'18.49307"	P-1179	81	82°51'33.45686"	21°30'43.52257"
P-1130	75	82°56'20.77332"	21°25'18.02583"	P-1180	81	82°51'32.03026"	21°30'43.24847"
P-1131	76	82°56'06.26392"	21°27'12.96446"	P-1181	81	82°51'33.63654"	21°30'43.06974"
P-1132	76	82°56'02.89900"	21°27'12.40051"	P-1182	81	82°51'33.49771"	21°30'43.42156"
P-1133	76	82°55'59.47561"	21°27'11.85731"	P-1183	81	82°51'32.03026"	21°30'43.24847"
P-1134	76	82°55'53.72091"	21°27'10.93879"	P-1184	82	82°52'37.82513"	21°29'23.45564"
P-1135	76	82°55'53.70228"	21°27'10.93553"	P-1185	82	82°52'37.11762"	21°29'20.27285"
P-1136	77	82°56'06.26392"	21°27'12.96446"	P-1186	82	82°52'36.93053"	21°29'17.04084"
P-1137	77	82°56'04.53094"	21°27'15.47378"	P-1187	82	82°52'36.82881"	21°29'13.80101"
P-1138	77	82°56'03.14075"	21°27'18.45218"	P-1188	82	82°52'37.16122"	21°29'10.56819"
P-1139	77	82°56'01.99731"	21°27'21.51105"	P-1189	82	82°52'37.38956"	21°29'07.37063"
P-1140	77	82°56'01.95211"	21°27'24.75725"	P-1190	82	82°52'36.07551"	21°29'04.37615"
P-1141	77	82°56'02.16419"	21°27'28.00213"	P-1191	82	82°52'35.29034"	21°29'01.20938"
P-1142	77	82°56'06.26392"	21°27'12.96446"	P-1192	82	82°52'35.10678"	21°29'00.49106"
P-1143	77	82°55'58.75612"	21°27'44.28439"	P-1193	83	82°55'07.81182"	21°27'27.11618"

Chhattisgarh BharatNet Phase-II Project

Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1144	77	82°55'57.24234"	21°27'47.21027"	P-1194	83	82°55'26.00618"	21°27'12.70912"
P-1145	77	82°55'55.68696"	21°27'50.11679"	P-1195	83	82°55'22.55316"	21°27'12.92797"
P-1146	77	82°55'54.30352"	21°27'53.09512"	P-1196	83	82°55'19.37350"	21°27'14.23234"
P-1147	77	82°55'53.27682"	21°27'56.19899"	P-1197	83	82°55'18.53003"	21°27'14.54942"
P-1148	77	82°56'02.30390"	21°27'29.40300"	P-1198	83	82°55'07.17572"	21°27'28.22058"
P-1149	77	82°56'02.41312"	21°27'32.64302"	P-1199	83	82°55'07.79703"	21°27'27.10762"
P-1150	77	82°56'02.34799"	21°27'33.16598"	P-1200	84	82°54'45.56958"	21°26'35.82139"
P-1201	84	82°54'48.53246"	21°26'36.10992"	P-1251	90	82°46'45.28501"	21°27'00.02509"
P-1202	84	82°54'48.64752"	21°26'36.23860"	P-1252	90	82°46'48.68336"	21°26'59.38055"
P-1203	84	82°54'45.56958"	21°26'35.82139"	P-1253	90	82°46'52.13053"	21°26'59.28694"
P-1204	85	82°53'29.30121"	21°26'24.20079"	P-1254	90	82°46'55.59729"	21°26'59.39377"
P-1205	85	82°53'25.85579"	21°26'23.81191"	P-1255	90	82°46'57.80834"	21°27'01.18872"
P-1206	85	82°53'22.80827"	21°26'24.62797"	P-1256	90	82°47'00.69542"	21°27'01.79340"
P-1207	85	82°53'16.91722"	21°26'27.22995"	P-1257	90	82°47'03.99799"	21°27'00.99338"
P-1208	85	82°53'13.64327"	21°26'28.25087"	P-1258	90	82°47'07.22298"	21°27'02.01997"
P-1209	85	82°53'10.17698"	21°26'28.06991"	P-1259	90	82°47'10.24980"	21°27'02.92905"
P-1210	85	82°53'06.70836"	21°26'27.92248"	P-1260	90	82°47'12.57389"	21°27'03.62835"
P-1211	85	82°53'03.23975"	21°26'27.77475"	P-1261	90	82°47'13.43068"	21°27'03.42771"
P-1212	85	82°53'02.92225"	21°26'27.75731"	P-1262	90	82°47'13.43068"	21°27'03.42771"
P-1213	86	82°52'04.63293"	21°26'24.88032"	P-1263	90	82°47'16.78178"	21°27'02.67991"
P-1214	86	82°52'01.19902"	21°26'25.05227"	P-1264	90	82°47'17.03885"	21°27'02.60829"
P-1215	86	82°52'00.29782"	21°26'24.91009"	P-1265	90	82°46'40.65982"	21°27'06.51807"
P-1216	87	82°50'23.53369"	21°26'49.13631"	P-1266	90	82°46'41.61426"	21°27'04.12682"
P-1217	87	82°50'21.88909"	21°26'49.65786"	P-1267	90	82°46'41.45974"	21°27'01.27801"
P-1218	88	82°47'38.69456"	21°29'37.88215"	P-1268	90	82°46'44.70758"	21°27'00.19688"
P-1219	88	82°47'35.25619"	21°29'37.44604"	P-1269	90	82°46'45.28501"	21°27'00.02509"
P-1220	88	82°47'31.81426"	21°29'37.01919"	P-1270	90	82°46'45.28501"	21°27'00.02509"
P-1221	88	82°47'28.35807"	21°29'36.69982"	P-1271	90	82°46'41.95218"	21°27'00.73536"
P-1222	88	82°47'24.92213"	21°29'36.23483"	P-1272	90	82°46'40.98324"	21°27'03.33534"
P-1223	88	82°47'22.23192"	21°29'34.98009"	P-1273	90	82°46'41.38818"	21°27'06.44983"
P-1224	88	82°47'20.61317"	21°29'34.09286"	P-1274	90	82°46'40.65982"	21°27'06.51807"
P-1225	88	82°47'19.34281"	21°29'33.38117"	P-1275	91	82°45'57.34942"	21°25'37.30718"
P-1226	88	82°47'19.34281"	21°29'33.38117"	P-1276	91	82°45'57.91159"	21°25'40.48819"
P-1227	88	82°47'16.74018"	21°29'31.26377"	P-1277	91	82°45'57.81989"	21°25'43.70798"
P-1228	88	82°47'13.81570"	21°29'29.84323"	P-1278	91	82°45'57.89879"	21°25'46.95322"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1229	88	82°47'11.25644"	21°29'31.76212"	P-1279	91	82°45'58.31891"	21°25'50.17953"
P-1230	88	82°47'07.98038"	21°29'32.13126"	P-1280	91	82°45'58.20160"	21°25'53.37209"
P-1231	88	82°47'04.54068"	21°29'31.87987"	P-1281	91	82°45'58.24076"	21°25'56.54913"
P-1232	88	82°47'01.16715"	21°29'32.65168"	P-1282	91	82°46'00.95962"	21°25'58.36172"
P-1233	88	82°46'57.86906"	21°29'33.64573"	P-1283	91	82°46'03.77190"	21°26'00.06371"
P-1234	88	82°46'54.93050"	21°29'35.30888"	P-1284	91	82°46'06.57426"	21°26'01.97971"
P-1235	88	82°46'54.41560"	21°29'35.43586"	P-1285	91	82°46'08.24645"	21°26'02.64412"
P-1236	89	82°47'31.84895"	21°26'53.86174"	P-1286	91	82°46'08.24645"	21°26'02.64412"
P-1237	89	82°47'35.22262"	21°26'53.11554"	P-1287	91	82°46'11.30745"	21°26'04.10774"
P-1238	89	82°47'38.63034"	21°26'52.49468"	P-1288	91	82°46'13.40249"	21°26'06.68793"
P-1239	89	82°47'42.04542"	21°26'51.90560"	P-1289	91	82°46'14.41160"	21°26'09.78293"
P-1240	89	82°47'45.43049"	21°26'51.19046"	P-1290	91	82°46'14.19563"	21°26'13.01052"
P-1241	89	82°47'46.81253"	21°26'50.54079"	P-1291	91	82°46'15.63011"	21°26'13.37099"
P-1242	90	82°46'41.59820"	21°26'37.51206"	P-1292	91	82°46'17.95178"	21°26'10.95486"
P-1243	90	82°46'40.10041"	21°26'40.42581"	P-1293	91	82°46'19.94092"	21°26'08.29451"
P-1244	90	82°46'40.24059"	21°26'43.62931"	P-1294	91	82°46'22.38263"	21°26'06.01658"
P-1245	90	82°46'39.87341"	21°26'46.72580"	P-1295	91	82°46'24.97618"	21°26'04.29646"
P-1246	90	82°46'41.22264"	21°26'49.71143"	P-1296	91	82°46'28.38033"	21°26'04.92636"
P-1247	90	82°46'41.48024"	21°26'52.80175"	P-1297	91	82°46'31.79025"	21°26'04.65568"
P-1248	90	82°46'41.53914"	21°26'55.84680"	P-1298	91	82°46'34.26991"	21°26'06.13455"
P-1249	90	82°46'43.77128"	21°26'58.31664"	P-1299	91	82°46'34.53728"	21°26'09.37302"
P-1250	90	82°46'45.28501"	21°27'00.02509"	P-1300	91	82°46'35.10208"	21°26'11.28053"
P-1301	92	82°47'51.28944"	21°26'20.87810"	P-1351	95	82°44'28.38391"	21°27'34.67015"
P-1302	92	82°47'50.37612"	21°26'17.74209"	P-1352	95	82°44'28.17594"	21°27'36.39280"
P-1303	92	82°47'49.42015"	21°26'14.61680"	P-1353	96	82°44'15.46318"	21°27'23.87992"
P-1304	92	82°47'48.46977"	21°26'11.48972"	P-1354	96	82°44'13.58614"	21°27'26.61484"
P-1305	92	82°47'47.49828"	21°26'08.37220"	P-1355	96	82°44'11.44558"	21°27'29.17299"
P-1306	92	82°47'46.60110"	21°26'05.23296"	P-1356	96	82°44'08.54018"	21°27'30.91783"
P-1307	92	82°47'45.54682"	21°26'02.13998"	P-1357	96	82°44'05.21736"	21°27'31.79794"
P-1308	92	82°47'43.50805"	21°25'59.52942"	P-1358	96	82°44'02.76982"	21°27'32.08517"
P-1309	92	82°47'41.33718"	21°25'56.99272"	P-1359	97	82°43'54.34562"	21°22'30.06013"
P-1310	92	82°47'39.19339"	21°25'54.43561"	P-1360	97	82°43'50.95098"	21°22'29.43002"
P-1311	92	82°47'37.04559"	21°25'51.88914"	P-1361	97	82°43'47.58398"	21°22'28.64132"
P-1312	92	82°47'34.20173"	21°25'50.02737"	P-1362	97	82°43'44.23084"	21°22'27.81877"
P-1313	92	82°47'31.30094"	21°25'48.24038"	P-1363	97	82°43'40.95116"	21°22'26.76229"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1314	92	82°47'28.38173"	21°25'46.47974"	P-1364	97	82°43'37.69537"	21°22'25.64440"
P-1315	92	82°47'25.48603"	21°25'44.68570"	P-1365	97	82°43'34.38481"	21°22'24.67164"
P-1316	92	82°47'23.05429"	21°25'43.20798"	P-1366	97	82°43'30.93833"	21°22'24.54008"
P-1317	93	82°50'01.04068"	21°24'34.75733"	P-1367	97	82°43'27.50494"	21°22'24.99165"
P-1318	93	82°50'06.53547"	21°24'07.62115"	P-1368	97	82°43'24.08859"	21°22'25.55919"
P-1319	93	82°50'06.54911"	21°24'05.68587"	P-1369	97	82°43'20.63715"	21°22'25.70537"
P-1320	93	82°50'01.97154"	21°24'34.30628"	P-1370	97	82°43'17.35747"	21°22'26.59460"
P-1321	93	82°50'01.76156"	21°24'37.55155"	P-1371	97	82°43'14.68627"	21°22'28.65712"
P-1322	93	82°50'02.03302"	21°24'40.77618"	P-1372	97	82°43'13.68627"	21°22'28.82617"
P-1323	93	82°50'02.53200"	21°24'43.99192"	P-1373	97	82°43'13.68627"	21°22'28.82617"
P-1324	93	82°50'02.56201"	21°24'47.24302"	P-1374	97	82°43'16.25625"	21°22'27.69587"
P-1325	93	82°50'02.40292"	21°24'50.46091"	P-1375	97	82°43'18.50262"	21°22'30.09271"
P-1326	93	82°50'00.47290"	21°24'49.94052"	P-1376	97	82°43'20.16368"	21°22'32.81689"
P-1327	93	82°49'58.19183"	21°24'47.48941"	P-1377	97	82°43'20.06458"	21°22'35.97315"
P-1328	93	82°49'58.10181"	21°24'50.70779"	P-1378	97	82°43'20.06458"	21°22'35.97315"
P-1329	93	82°49'58.97054"	21°24'53.82420"	P-1379	97	82°43'20.03020"	21°22'39.21569"
P-1330	93	82°50'00.07103"	21°24'56.90779"	P-1380	97	82°43'21.45106"	21°22'42.02073"
P-1331	93	82°50'01.17153"	21°24'59.99138"	P-1381	97	82°43'23.80379"	21°22'44.40880"
P-1332	93	82°50'01.16011"	21°25'03.16689"	P-1382	97	82°43'25.94451"	21°22'46.96618"
P-1333	93	82°49'58.53316"	21°25'04.91466"	P-1383	97	82°43'27.88543"	21°22'49.66027"
P-1334	93	82°49'58.44812"	21°25'04.95249"	P-1384	97	82°43'29.66959"	21°22'52.44803"
P-1335	94	82°44'28.87112"	21°28'45.62243"	P-1385	97	82°43'28.82286"	21°22'55.55096"
P-1336	94	82°44'29.70365"	21°28'48.77879"	P-1386	97	82°43'28.14907"	21°22'58.73957"
P-1337	94	82°44'30.52326"	21°28'51.93804"	P-1387	97	82°43'27.65040"	21°23'01.94719"
P-1338	94	82°44'30.30099"	21°28'55.05146"	P-1388	97	82°43'27.71047"	21°23'05.19605"
P-1339	94	82°44'28.10223"	21°28'56.51878"	P-1389	97	82°43'27.92804"	21°23'08.43984"
P-1340	94	82°44'28.10223"	21°28'56.51878"	P-1390	97	82°43'28.13393"	21°23'11.68481"
P-1341	94	82°44'25.11985"	21°28'58.18566"	P-1391	97	82°43'29.11597"	21°23'12.99954"
P-1342	94	82°44'23.72471"	21°28'59.01767"	P-1392	98	82°43'38.51005"	21°21'56.90997"
P-1343	94	82°44'23.72471"	21°28'59.01767"	P-1393	98	82°43'40.55577"	21°21'58.52377"
P-1344	94	82°44'20.60696"	21°29'00.08274"	P-1394	98	82°44'03.08575"	21°22'17.51055"
P-1345	94	82°44'17.46048"	21°28'58.70895"	P-1395	98	82°44'02.87161"	21°22'14.30738"
P-1346	94	82°44'16.34167"	21°28'58.22019"	P-1396	98	82°44'03.65543"	21°22'11.14250"
P-1347	95	82°44'30.32651"	21°27'21.79698"	P-1397	98	82°44'03.67114"	21°22'07.89438"
P-1348	95	82°44'29.89316"	21°27'25.02278"	P-1398	98	82°44'01.12945"	21°22'06.58774"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1349	95	82°44'29.38699"	21°27'28.23919"	P-1399	98	82°43'57.66654"	21°22'06.36860"
P-1350	95	82°44'28.79988"	21°27'31.44247"	P-1400	98	82°43'54.21173"	21°22'06.06292"
P-1401	98	82°43'50.74430"	21°22'05.91799"	P-1451	113	82°40'40.84523"	21°19'11.03863"
P-1402	98	82°43'47.27697"	21°22'05.78493"	P-1452	113	82°40'42.07674"	21°19'13.07034"
P-1403	98	82°43'44.28726"	21°22'04.61147"	P-1453	114	82°40'36.22277"	21°18'59.41062"
P-1404	98	82°43'42.62163"	21°22'01.76069"	P-1454	114	82°40'37.31420"	21°19'02.49578"
P-1405	98	82°43'40.92438"	21°21'58.93296"	P-1455	114	82°40'38.47900"	21°19'05.55711"
P-1406	98	82°43'40.55577"	21°21'58.52377"	P-1456	114	82°40'38.52025"	21°19'05.66032"
P-1407	99	82°44'35.93140"	21°15'44.73901"	P-1457	115	82°36'37.53301"	21°07'20.31206"
P-1408	99	82°44'37.48675"	21°15'46.03576"	P-1458	115	82°36'38.25051"	21°07'20.10418"
P-1409	100	82°29'22.98243"	21°11'13.34716"	P-1459	116	82°36'38.68451"	21°07'19.98964"
P-1410	100	82°29'20.50062"	21°11'12.55491"	P-1460	116	82°36'39.34699"	21°07'19.82423"
P-1411	101	82°51'42.55943"	21°16'59.28656"	P-1461	117	82°36'39.34699"	21°07'19.82423"
P-1412	101	82°51'40.91305"	21°17'02.14805"	P-1462	117	82°36'39.97804"	21°07'19.72003"
P-1413	101	82°51'39.29715"	21°17'04.87405"	P-1463	118	82°37'08.63904"	21°07'10.61017"
P-1414	102	82°39'30.20649"	21°18'25.34710"	P-1464	118	82°37'11.87372"	21°07'09.44423"
P-1415	102	82°39'33.51617"	21°18'24.37437"	P-1465	118	82°37'15.10619"	21°07'08.27298"
P-1416	102	82°39'30.94856"	21°18'24.72364"	P-1466	118	82°37'15.77259"	21°07'08.01055"
P-1417	102	82°39'30.11667"	21°18'24.99854"	P-1467	119	82°36'44.60282"	21°07'19.12204"
P-1418	103	82°39'36.36108"	21°18'23.59995"	P-1468	119	82°36'47.98981"	21°07'18.43674"
P-1419	103	82°39'37.66403"	21°18'22.90913"	P-1469	119	82°36'48.35061"	21°07'18.35489"
P-1420	104	82°39'25.59939"	21°18'26.79962"	P-1470	120	82°36'40.54778"	21°07'19.64750"
P-1421	104	82°39'28.89281"	21°18'25.77669"	P-1471	120	82°36'43.99009"	21°07'19.27691"
P-1422	104	82°39'28.15349"	21°18'25.63776"	P-1472	120	82°36'51.01479"	21°07'17.47588"
P-1423	104	82°39'25.52330"	21°18'26.45338"	P-1473	120	82°36'52.04167"	21°07'17.08306"
P-1424	105	82°39'39.64296"	21°18'22.70061"	P-1474	121	82°36'11.77091"	21°12'51.64863"
P-1425	105	82°39'42.89335"	21°18'21.63762"	P-1475	121	82°36'11.88422"	21°12'48.42083"
P-1426	105	82°39'46.28214"	21°18'21.05210"	P-1476	121	82°36'12.37067"	21°12'46.54304"
P-1427	105	82°39'49.65677"	21°18'20.32990"	P-1477	122	82°36'14.10865"	21°12'31.65822"
P-1428	105	82°39'46.40621"	21°18'20.70877"	P-1478	122	82°36'13.53347"	21°12'28.45277"
P-1429	105	82°39'43.01835"	21°18'21.27901"	P-1479	122	82°36'13.52278"	21°12'27.00090"
P-1430	105	82°39'39.74296"	21°18'22.25087"	P-1480	123	82°36'14.13167"	21°12'43.02503"
P-1431	105	82°39'38.99784"	21°18'22.56661"	P-1481	123	82°36'14.55189"	21°12'41.63310"
P-1432	106	82°39'49.90440"	21°18'20.23024"	P-1482	123	82°36'14.97707"	21°12'35.81174"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1433	106	82°39'52.25269"	21°18'17.91532"	P-1483	123	82°36'14.90375"	21°12'35.20556"
P-1434	106	82°39'49.74955"	21°18'20.06142"	P-1484	124	82°36'15.05602"	21°12'38.99545"
P-1435	106	82°39'49.54201"	21°18'20.12330"	P-1485	124	82°36'15.03592"	21°12'36.37617"
P-1436	107	82°39'52.57153"	21°18'16.79254"	P-1486	125	82°40'22.82645"	21°10'03.44037"
P-1437	107	82°39'52.00030"	21°18'17.77352"	P-1487	125	82°40'21.27455"	21°10'01.50593"
P-1438	108	82°40'00.91450"	21°18'12.73268"	P-1488	126	82°45'08.86685"	21°22'29.43027"
P-1439	108	82°39'59.26553"	21°18'13.56690"	P-1489	126	82°45'09.04740"	21°22'28.82326"
P-1440	109	82°39'53.02525"	21°18'16.69665"	P-1490	127	82°47'08.76246"	21°11'07.26340"
P-1441	109	82°39'55.63778"	21°18'15.40892"	P-1491	127	82°47'11.07243"	21°11'08.49308"
P-1442	109	82°39'54.36489"	21°18'16.08934"	P-1492	128	82°47'07.98245"	21°11'06.89853"
P-1443	110	82°39'58.51018"	21°18'14.29191"	P-1493	128	82°47'08.76246"	21°11'07.26340"
P-1444	110	82°39'58.52625"	21°18'13.88059"	P-1494	129	82°47'14.02674"	21°11'09.92151"
P-1445	111	82°39'58.82345"	21°18'14.14815"	P-1495	129	82°47'17.39101"	21°11'10.68128"
P-1446	111	82°40'01.56673"	21°18'12.37785"	P-1496	129	82°47'20.02640"	21°11'11.16726"
P-1447	111	82°40'00.91450"	21°18'12.73268"	P-1497	130	82°33'29.94930"	21°14'08.96099"
P-1448	112	82°39'34.60483"	21°18'24.08531"	P-1498	130	82°33'29.94373"	21°14'12.19253"
P-1449	112	82°39'34.78699"	21°18'23.66019"	P-1499	130	82°33'27.06976"	21°14'13.05318"
P-1450	112	82°39'33.18495"	21°18'24.08504"	P-1500	130	82°33'24.60960"	21°14'14.42249"
P-1501	130	82°33'23.28619"	21°14'15.68288"	P-1551	147	82°31'09.62537"	21°10'38.83123"
P-1502	131	82°33'26.99116"	21°14'47.59241"	P-1552	147	82°31'10.26749"	21°10'35.63667"
P-1503	131	82°33'28.76415"	21°14'48.21714"	P-1553	147	82°31'10.71972"	21°10'32.41436"
P-1504	132	82°33'28.76684"	21°14'48.21813"	P-1554	147	82°31'11.29090"	21°10'29.20759"
P-1505	132	82°33'31.98660"	21°14'49.42526"	P-1555	147	82°31'11.93878"	21°10'26.01353"
P-1506	132	82°33'35.25971"	21°14'50.48798"	P-1556	147	82°31'12.75937"	21°10'22.85762"
P-1507	132	82°33'38.63696"	21°14'51.18382"	P-1557	147	82°31'12.76346"	21°10'22.83914"
P-1508	132	82°33'42.01041"	21°14'50.52005"	P-1558	148	82°31'12.76346"	21°10'22.83914"
P-1509	132	82°33'45.16160"	21°14'49.16576"	P-1559	148	82°31'13.40370"	21°10'19.64546"
P-1510	132	82°33'47.58439"	21°14'46.89023"	P-1560	148	82°31'13.21543"	21°10'16.41956"
P-1511	132	82°33'48.27493"	21°14'46.22667"	P-1561	148	82°31'12.99777"	21°10'15.44887"
P-1512	133	82°34'34.55894"	21°14'39.12926"	P-1562	149	82°32'13.08614"	21°15'43.26034"
P-1513	133	82°34'37.92035"	21°14'39.49764"	P-1563	149	82°32'15.31263"	21°15'45.66149"
P-1514	133	82°34'41.35491"	21°14'39.83932"	P-1564	150	82°33'10.14402"	21°14'58.48136"
P-1515	133	82°34'44.57779"	21°14'40.93424"	P-1565	150	82°33'06.77530"	21°14'57.78979"

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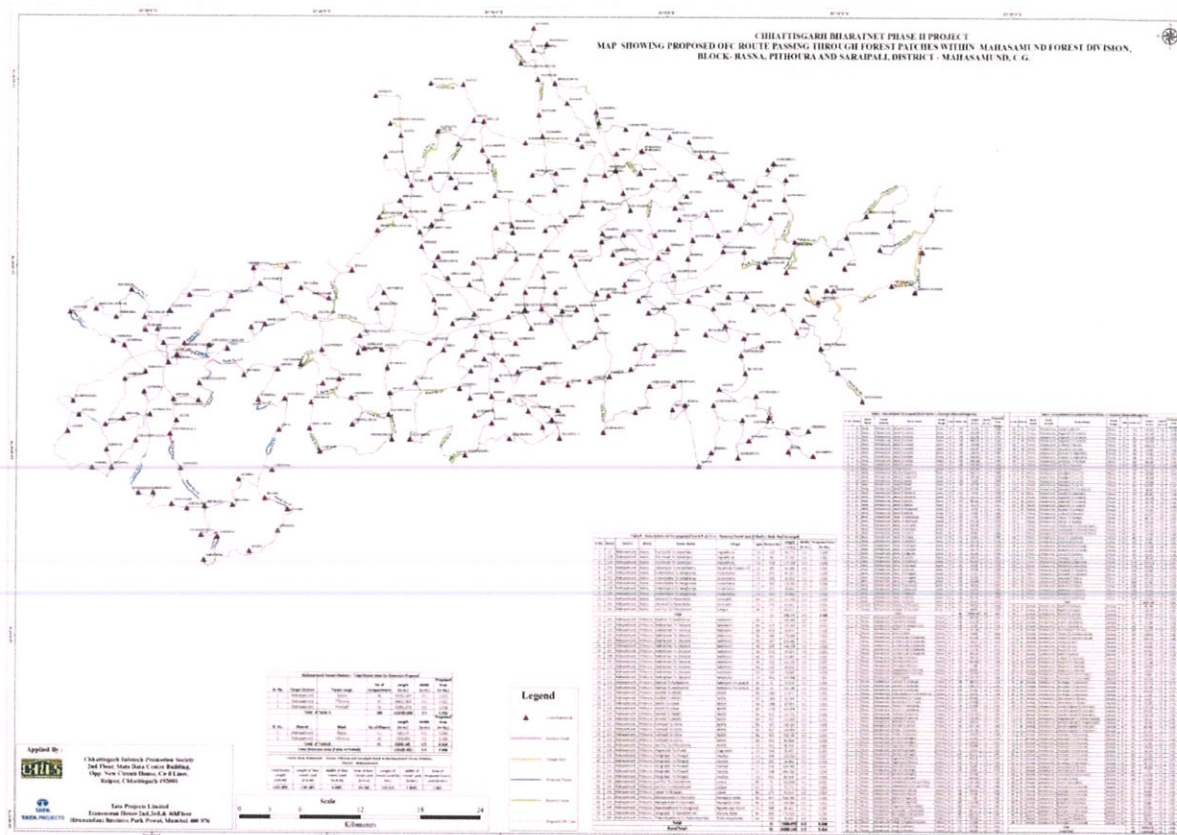
Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1516	133	82°34'48.04332"	21°14'41.01158"	P-1566	150	82°33'03.30881"	21°14'57.78188"
P-1517	133	82°34'51.47906"	21°14'41.42704"	P-1567	150	82°32'59.84186"	21°14'57.73964"
P-1518	133	82°34'54.92947"	21°14'41.14753"	P-1568	150	82°32'57.18523"	21°14'57.67236"
P-1519	133	82°34'58.11067"	21°14'40.69331"				
P-1520	134	82°34'58.11067"	21°14'40.69331"				
P-1521	134	82°34'59.75092"	21°14'38.45162"				
P-1522	135	82°46'53.99523"	21°09'37.44292"				
P-1523	135	82°46'56.77808"	21°09'35.98729"				
P-1524	136	82°48'06.92176"	21°09'38.54634"				
P-1525	136	82°48'07.23167"	21°09'38.58879"				
P-1526	137	82°48'58.85645"	21°10'14.37250"				
P-1527	137	82°48'59.95805"	21°10'14.02490"				
P-1528	138	82°48'57.77910"	21°10'14.68601"				
P-1529	138	82°48'54.88773"	21°10'14.39286"				
P-1530	138	82°48'55.76407"	21°10'14.56571"				
P-1531	139	82°48'59.95805"	21°10'14.02490"				
P-1532	139	82°49'01.15989"	21°10'13.42122"				
P-1533	140	82°48'55.76407"	21°10'14.56571"				
P-1534	140	82°48'57.77910"	21°10'14.68601"				
P-1535	141	82°37'32.69547"	21°19'06.78564"				
P-1536	141	82°37'33.56511"	21°19'03.64856"				
P-1537	141	82°37'33.71549"	21°19'02.98121"				
P-1538	142	82°36'51.54406"	21°18'36.51640"				
P-1539	142	82°36'52.57899"	21°18'35.55229"				
P-1540	143	82°52'33.45007"	21°28'43.85380"				
P-1541	143	82°52'33.29340"	21°28'42.39793"				
P-1542	144	82°40'06.88575"	21°09'58.39787"				
P-1543	144	82°40'03.57847"	21°09'57.43002"				
P-1544	144	82°40'14.76516"	21°09'57.89320"				
P-1545	144	82°40'13.31031"	21°09'58.16584"				
P-1546	145	82°39'55.26529"	21°09'55.62372"				
P-1547	145	82°39'52.66899"	21°09'55.31455"				
P-1548	146	82°37'51.50092"	21°06'45.59890"				
P-1549	146	82°37'51.52936"	21°06'45.58683"				
P-1550	147	82°31'09.02982"	21°10'42.03324"				



वन मंडलाधिकारी
प्रमाणित वन मंडल, महासमुन्द्र

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

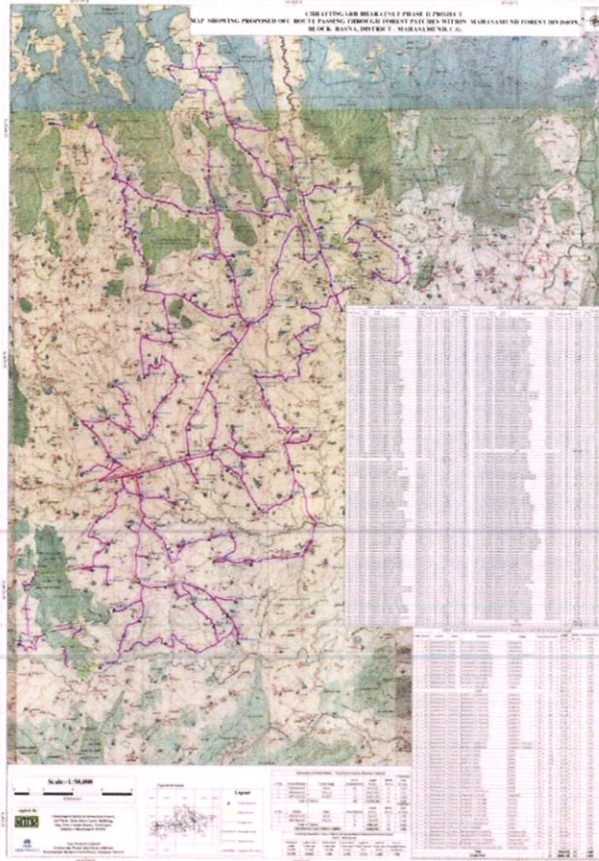
5.3.1. Map showing Geo-reference map of proposed OFC Route.



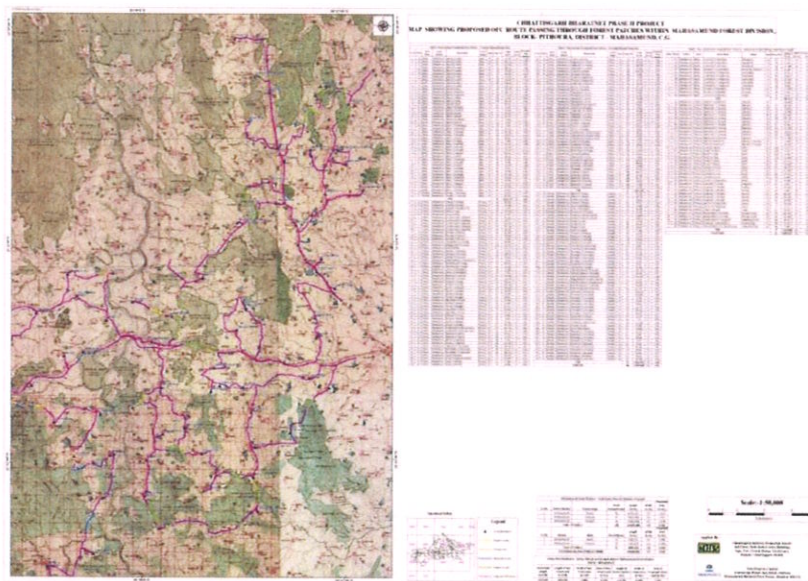
Geo-Referenced Maps of Forest Patched with in Mahasamund Forest Division



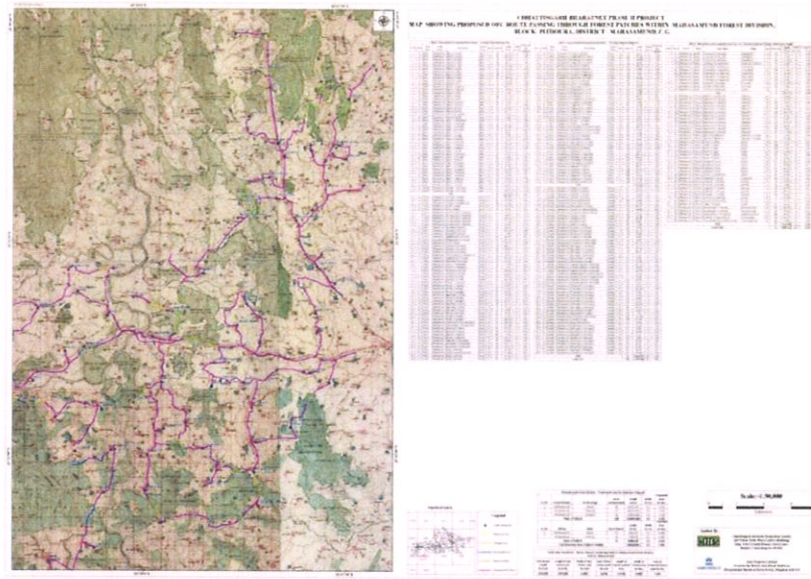
5.3.2. Map showing Geo-reference map of proposed OFC Route.



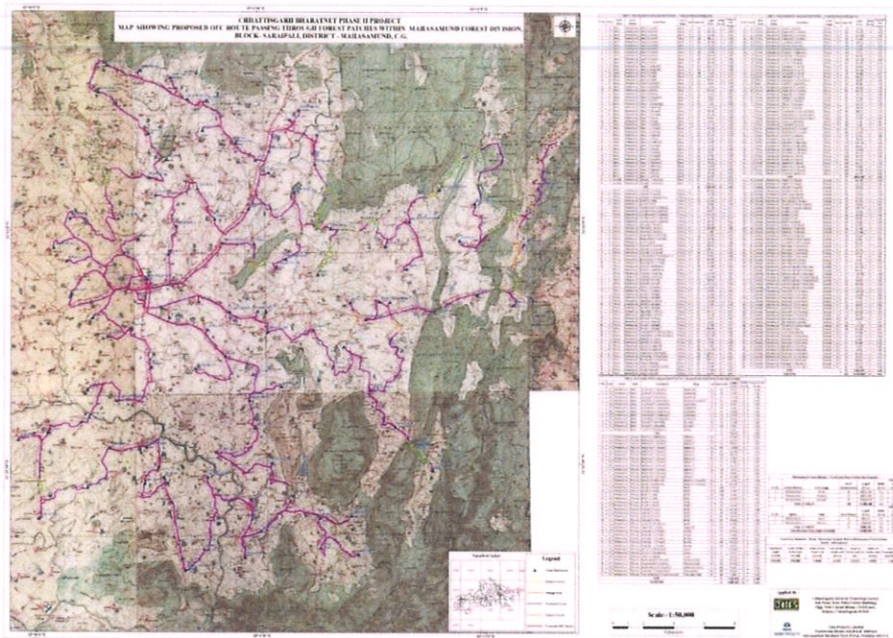
Geo-Referenced Toposheet Map of Forest Patched of Basna block within Mahasamund Forest Division.



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Geo-Referenced Toposheet Map of Forest Patched of Pithora block(Part-1 and Part-2) within Mahasamund Forest Division.



Geo-Referenced Toposheet Map of Forest Patched of Saraipali block within Mahasamund Forest Division.

380380

