



TELECOM INTERNATIONAL MYANMAR

Company Limited.

No.61,63, Zoological Garden Rd, Dagon Township,Yangon. Email: mytel@mytel.com.mm

စာအမှတ် ၁၅၆ /Letter-TIM
ရက်စွဲ၊ ၂၀၂၁ ခုနှစ်၊ နေ့နံပါရီလ ၈ ရက်

သို့

အောက်ဖော်ပြုချုပ်
အကောင်းအရာ။ မိတ္တရီဒေ(ၢ)လိုင်းနှင့်စဉ်အသစ် ခွဲဝေအသုံးပြုခွင့်ရရှိခိုင်ရေး လျှောက်ထားခြင်း

Telecom International Myanmar Co., Ltd ("MyTel") သည် မိတ္တရီဒေ(ၢ)လိုင်းနှင့်စဉ်အသုံးကို နိုင်ငံတော်အတွက်လိုအပ်လျက်ရှိသော အခြေခံဆက်သွယ်ရေးကွန်ရက်များ ပိုမိုကျယ်ပြန်အားကောင်းလာနိုင်ရန်နှင့် လိုင်စင်ပါကတိကဝဝတ်များကို သတ်မှတ်ချိန်အတွင်း စီမံကိန်းလျှောထားချက်အတွင်း ထိရောက်စွာ မြန်မြန်ဆန်ဆန်အကောင်အထည်ဖော်ဆောင်ရွက်ရန်အတွက် ကန်းလျှောသုံးသပ်ချက်များ အရ အောက်ဖော်ပြပါလိုင်းနှင့်စဉ်များကို Link-by-Link စနစ်ဖြင့် ခွဲဝေအသုံးပြုခွင့်ပြပါရန် လိုအပ်သော PL4, GR4 နှင့် Excel File တို့နှင့်အတူ လျှောက်ထားတင်ပြအပ်ပါသည်။

No	Band	Bandwidth (MHz)	Tx low (MHz)	Tx high (MHz)	Tx/Rx separation (MHz)	Channel Name	Number of MW Links	Number of Using Channel
1	Upper 6 GHz	30	6610	6950	340	6	92	99
			6640	6980	340	7	71	80
		Total				163		179

ဗုံးတွဲ - Link-by-Link စနစ်ဖြင့်အသုံးပြုမည့် လိုအပ်သော မိတ္တရီဒေ(ၢ)လိုင်းနှင့်စဉ် Upper 6 GHz နှင့်စပ်လျဉ်းသည့် အသေးစိတ်အချက်အလက်များ
မှတ်ချက်။ ။ PL4 file, GR4 File နှင့် Excel File တို့အား Download Link ဖြင့် ပေးပို့တင်ပြပါမည်

Nilar Aye

အမှုဆောင်အရာရှိချုပ်(ကိုယ်စား)
ဒေါက်တာနိုလာအေး(ပြင်ပဆက်ဆံရေးအရာရှိချုပ်)
Telecom International Myanmar Co., Ltd (MyTel)

မိတ္တရီဒေ -
ရုံးလက်ခံ



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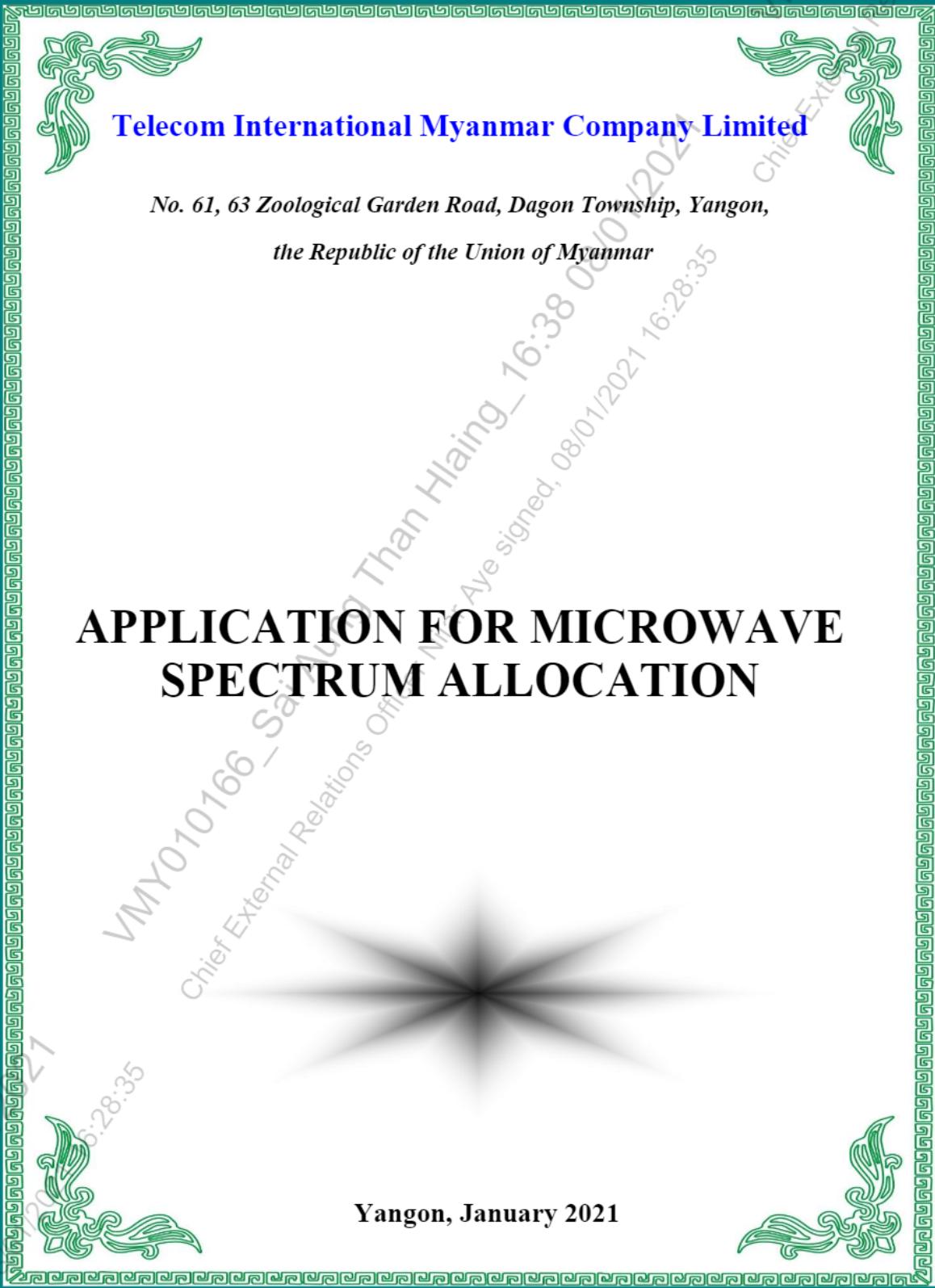


Telecom International Myanmar Company Limited

*No. 61, 63 Zoological Garden Road, Dagon Township, Yangon,
the Republic of the Union of Myanmar*

APPLICATION FOR MICROWAVE SPECTRUM ALLOCATION

Yangon, January 2021





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Application for Microwave Spectrum Allocation

I. GENERAL INFORMATION

1. Name of the Company: Telecom International Myanmar Co, Ltd.
2. Spectrum License dated: 12 January 2017
3. Nationwide Telecommunications License dated: 12 January 2017
4. Complete Postal Address with Telephone /Email address:
 - Corporate Office: 39 Inya Myaing road, Bahan Township, Yangon, the Republic of the Union of Myanmar.
 - Registered Office: No. 61, 63 Zoological Garden Road, Dagon Township, Yangon, the Republic of the Union of Myanmar.
 - Contact Person Name: Mr. Nguyễn Thắng Bình, Vice Director of Technical Center.
 - Telephone number: +95 9 685 555 888
 - E-mail address: binhnt_td@viettel.com.vn/ binhnt@mytel.com.mm

II. TECHNICAL DETAILS OF MICROWAVE SPECTRUM ALLOCATION

1. Description of the allocation requirement:

Link-by-Link: Please kindly be enclosed the Annex: The detailed information of microwave links attached hereto.

No	Band	Bandwidth (MHz)	Tx low (MHz)	Tx high (MHz)	Tx/Rx separation (MHz)	Channel Name	Number of MW Links	Number of Using Channel
1	Upper 6 GHz	30	6610	6950	340	6	92	99
			6640	6980	340	7	71	80
Total							163	179

2. Estimated starting date of service:

We want to start service for these links at February, 2021.



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III. CERTIFICATES/UNDERTAKING

We hereby certify that we have carefully understood the guidelines and general information on “Proposed Spectrum Rules” that was issued on 7th March 2016. We shall fully comply with the terms and conditions therein.

We understand that all matters relating to the application or permission/license if granted to us will be subject to jurisdiction of PTD only.

A blue ink signature of Dr. Nilar Aye, which appears to read "Nilar Aye".

Signature of authorized person; ...**Nilar Aye**.....

Name: Dr. Nilar Aye

Position: Chief External Relations Officer



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ANNEX DETAILED INFORMATION OF MICROWAVE LINKS

No	State/ Division	Link's Name	Distance (KM)	Start point				End point				
				Name	Longitude	Latitude	Frequency (Tx)	Name	Longitude	Latitude	Frequency (Tx)	Frequency (Rx)
1	AYY	AYY0567-AYY0267	15.486	AYY0567	95.07627	16.241387	6980	6640	AYY0267	94.93315	16.222407	6640
2	AYY	AYY0908-AYY0174	15.002	AYY0908	94.94472	17.3004	6980	6640	AYY0174	94.968409	17.167287	6610
3	AYY	AYY0493-AYY0680	10.710	AYY0493	95.490275	17.23516	6950	6610	AYY0680	95.465158	17.1418	6640
4	AYY	AYY0168-AYY0798	12.198	AYY0168	95.17439	17.72571	6610	6950	AYY0798	95.28806	17.70762	6950
5	AYY	AYY0196-AYY0194	10.883	AYY0196	95.46705	17.38351	6980	6640	AYY0194	95.56966	17.3828	6640
6	AYY	AYY0798-AYY0527	10.493	AYY0798	95.18806	17.70762	6640	6980	AYY0527	95.36393	17.546546	6640
7	AYY	AYY0690-AYY0320	18.582	AYY0690	95.57216	15.86698	6640	6980	AYY0320	95.68145	15.99707	6980
8	YGN	YGN0625-YGN0963	13.969	YGN0625	96.42015	16.69937	6950	6610	YGN0963	96.2989	16.6986	6610
9	YGN	YGN0817-YGN0626	19.727	YGN0817	95.78689	17.16915	6610	6950	YGN0626	95.97225	17.18176	6950
10	YGN	YGN0863-YGN0874	11.181	YGN0863	96.7428	16.93015	6610	6950	YGN0874	96.64513	16.89281	6610
11	YGN	YGN1012-YGN0727	10.236	YGN1012	95.9665	16.56074	6980	6640	YGN0727	96.0612	16.54506	6640
12	YGN	YGN0897-YGN0695	16.442	YGN0897	95.90417	17.04569	6610	6950	YGN0695	96.05254	17.00362	6610
13	YGN	YGN0618-YGN0407	15.548	YGN0618	96.60331	16.636	6640	6980	YGN0407	96.52338	16.75313	6980
14	YGN	YGN0756-YGN1450	10.300	YGN0756	96.36929	17.03468	6610	6950	YGN1450	96.30408	16.96609	6610
15	MDY	MDY0843-MDY0388	10.136	MDY0843	94.90626	20.99193	6980	6640	MDY0388	95.00098	20.96958	6640

ဗိုလ်ချုပ်



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No	State/ Division	Link's Name	Distance (Km)	Start point				End point				
				Name	Longitude	Latitude	Frequency (Tx)	Name	Longitude	Latitude	Frequency (Tx)	Frequency (Rx)
16	MDY	MDY0598-MDY0616	11.229	MDY0598	96.21374	21.30877	6950	6610	MDY0616	96.112428	21.344917	6610
17	MDY	MDY0942-MDY0951	12.810	MDY0942	95.683159	21.781344	6610	6950	MDY0951	95.68566	21.89661	6610
18	MDY	MDY1089-MDY0876	10.148	MDY1089	95.83199	20.45914	6950	6610	MDY0876	95.827953	20.550395	6610
19	MGY	MGY0573-MGY0090	11.690	MGY0573	94.543074	20.606592	6980	6640	MGY0090	94.652324	20.58187	6640
20	MGY	MGY0155-MGY0133	12.141	MGY0155	94.77427	20.41484	6950	6610	MGY0133	94.75029	20.30791	6610
21	SSH	SHN0904-SHN0923	16.303	SHN0904	96.68382	20.34244	6950	6610	SHN0923	96.65941	20.48737	6610
22	SSH	SHN0245-SHN0860	16.223	SHN0245	97.03583	20.35466	6980	6640	SHN0860	96.91452	20.44669	6640
23	RKE	RKE0080-RKE0275	12.801	RKE0080	92.78418	20.38046	6950	6610	RKE0275	92.85689	20.28759	6610
24	RKE	RKE0096-RKE0092	32.668	RKE0096	92.53549	20.83674	6980	6640	RKE0092	92.670713	20.573115	6640
25	MGY	MGY0526-MGY0543	10.124	MGY0326	95.424471	20.618194	6610	6950	MGY0543	95.42824	20.52715	6950
26	AYY	AYY0037-AYY0208	16.361	AYY0037	94.80486	15.82923	6640	6980	AYY0208	94.768993	15.972386	6980
27	YGN	YGN0890-YGN0871	16.654	YGN0890	96.545053	16.830175	6640	6980	YGN0871	96.413521	16.748883	6980
28	MGY	MGY0666-MGY0507	12.250	MGY0666	95.626824	19.859253	6980	6640	MGY0507	95.509757	19.864989	6640
29	NSH	SHN0309-SHN0099	13.271	SHN0309	97.799796	23.925198	6950	6610	SHN0099	97.90734	23.99308	6610
30	MDY	MDY0398-MDY0363	10.254	MDY0398	95.75151	21.23161	6950	6610	MDY0363	95.8294	21.2886	6610
31	MDY	MDY0447-MDY0463	10.806	MDY0447	95.22446	20.70565	6640	6980	MDY0463	95.23993	20.80182	6640
32	MDY	MDY0607-MDY0447	11.960	MDY0607	95.12173	20.65718	6950	6610	MDY0447	95.22446	20.70565	6610
33	AYY	AYY0149-AYY0681	12.861	AYY0149	95.73861	16.4318	6640	6980	AYY0681	95.66273	16.6531	6640
34	MDY	MDY0842-MDY0637	11.308	MDY0842	95.933976	21.641349	6640	6980	MDY0637	96.041929	21.627381	6980
35	MDY	MDY0930-MDY0569	16.357	MDY0930	95.635658	20.575567	6640	6980	MDY0569	95.778316	20.512712	6980



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				Name	Longitude	Latitude	Frequency (Tx)	Name	Longitude	Latitude	Frequency (Tx)	Frequency (Rx)
36	SGG	SGG0642-SGG0317	13.047	SGG0642	95.50155	22.0427	6980	6640	SGG0317	95.59553	21.96399	6640
37	AYY	AYY0690-AYY0155	24.415	AYY0690	95.57216	15.86698	6950	6610	AYY0155	95.46572	16.06143	6610
38	AYY	AYY0235-AYY0702	14.888	AYY0235	94.5008	16.31098	6980	6640	AYY0702	94.49735	16.177028	6640
39	AYY	AYY0495-AYY0521	12.630	AYY0495	94.43897	16.11374	6610	6950	AYY0521	94.40048	16.00626	6950
40	AYY	AYY0792-AYY0573	21.867	AYY0792	95.01781	17.69914	6950	6610	AYY0573	95.2137	17.63675	6610
41	AYY	AYY0652-AYY0253	19.643	AYY0652	95.33399	16.11111	6610	6950	AYY0263	95.22841	16.25593	6980
42	AYY	AYY0781-AYY0604	11.919	AYY0781	95.58029	17.18847	6610	6950	AYY0604	95.65819	17.10304	6950
43	AYY	AYY0038-AYY0267	20.478	AYY0038	94.75867	16.14733	6610	6950	AYY0267	94.93315	16.22407	6950
44	MDY	MDY0503-MDY0809	14.655	MDY0503	95.65043	21.0978	6640	6980	MDY0809	95.784057	21.054797	6950
45	MDY	MDY0685-MDY0585	12.626	MDY0685	96.0105	21.29124	6950	6610	MDY0585	96.024665	21.178376	6610
46	SGG	SGG0326-SGG0321	15.075	SGG0326	95.55091	22.42616	6640	6980	SGG0321	95.622858	22.307922	6980
47	AYY	AYY0549-AYY0733	17.391	AYY0549	95.251798	16.33254	6950	6610	AYY0733	95.38314	16.42538	6610
48	AYY	AYY0566-AYY0569	11.487	AYY0566	95.32841	17.45985	6610	6950	AYY0569	95.43294	17.43258	6980
49	AYY	AYY0609-AYY0232	12.098	AYY0609	94.729332	16.363291	6980	6640	AYY0232	94.842485	16.355065	6640
50	AYY	AYY0898-AYY0259	16.938	AYY0898	94.69446	16.5475	6950	6610	AYY0259	94.84617	16.59328	6640
51	EBG	BGO0311-BGO0403	10.994	BGO0311	96.750762	17.103731	6610	6950	BGO0403	96.65215	17.07364	6950
52	AYY	AYY0337-AYY0655	14.586	AYY0337	95.767545	16.694771	6950	6610	AYY0655	95.74828	16.56505	6610



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				Name	Longitude	Latitude	Frequency (Tx)	Name	Longitude	Latitude	Frequency (Tx)	Frequency (Rx)
53	AYY	AYY0778-AYY0303	13.511	AYY0778	95.13556	17.84323	6610	6950	AYY0303	95.26301	17.83497	6950
54	YGN	YGN0945-YGN0628	16.142	YGN0945	96.465556	16.639167	6980	6640	YGN0628	96.31492	16.65584	6640
55	RKE	RKE0036-RKE0240	39.773	RKE0036	93.75639	18.83492	6640	6980	RKE0240	94.104052	18.835286	6980
56	RKE	RKE0199-RKE0128	31.140	RKE0199	93.99157	18.74543	6950	6610	RKE0128	94.27066	18.65236	6610
57	RKE	RKE0236-RKE0402	12.796	RKE0236	93.23846	20.07942	6640	6980	RKE0402	93.36052	20.09047	6980
58	MGY	MGY0456-MGY0222	10.689	MGY0456	94.932624	21.75574	6610	6950	MGY0222	94.8521	21.81627	6950
59	MGY	MGY0463-MGY0126	11.070	MGY0463	94.82475	21.48336	6980	6640	MGY0126	94.835636	21.384487	6640
60	MGY	MGY0510-MGY0138	10.862	MGY0510	95.05456	21.6973	6640	6980	MGY0138	95.15168	21.65972	6980
61	MGY	MGY0527-MGY0552	13.436	MGY0527	95.02753	21.601202	6950	6610	MGY0552	94.898647	21.617458	6610
62	MGY	MGY0576-MGY0416	13.145	MGY0576	94.785313	20.461657	6610	6950	MGY0416	94.681985	20.393683	6950
63	MGY	MGY0594-MGY0467	14.152	MGY0594	95.05884	19.00262	6610	6950	MGY0467	95.174	19.006874	6950
64	MGY	MGY0625-SGG0007	14.101	MGY0625	94.7403	21.81785	6640	6980	SGG0007	94.620928	21.879727	6980
65	SGG	SGG072-SGG0802	12.343	SGG072	95.852294	22.247781	6640	6980	SGG0802	95.73399	22.26656	6980
66	SGG	SGG0598-SGG0770	12.067	SGG0598	95.781369	22.369669	6610	6950	SGG0770	95.672247	22.409843	6950
67	SGG	SGG1082-SGG0736	21.059	SGG1082	95.82845	23.665832	6610	6950	SGG0736	95.703743	23.514638	6950
68	SGG	SGG0818-SGG0639	12.219	SGG0818	95.02631	22.30505	6950	6610	SGG0639	95.14509	22.30919	6610
69	MDY	MDY0594-MDY0827	10.229	MDY0594	96.196728	20.510522	6950	6610	MDY0827	96.110476	20.472392	6610
70	MDY	MDY0485-MDY0477	11.437	MDY0485	95.10421	21.12093	6640	6980	MDY0477	95.02093	21.18848	6980
71	YGN	YGN1536-YGN0809	11.376	YGN1536	95.8252	17.38103	6950	6610	YGN0809	95.92426	17.34175	6610
72	RKE	RKE0394-RKE0228	24.081	RKE0394	93.313172	20.194759	6640	6980	RKE0328	93.00397	20.22132	6980
73	MGY	MGY0185-MGY0192	10.220	MGY0185	95.53288	20.37881	6640	6980	MGY0192	95.623952	20.344605	6640
74	MGY	MGY0113-MGY0248	22.283	MGY0113	94.854104	21.248877	6950	6610	MGY0248	94.91018	21.4425	6610



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				Name	Longitude	Latitude	Frequency (Tx)	Name	Longitude	Latitude	Frequency (Tx)	Frequency (Rx)
75	ESH	SHN1231-SHN0282	12.172	SHN1231	99.732225	21.186438	6950	6610	SHN0282	99.629262	21.239234	6610
76	ESH	SHN0962-SHN0007	15.459	SHN0962	100.05716	20.40774	6950	6610	SHN0007	99.917015	20.45368	6610
77	MDY	MDY0397-MDY0626	12.781	MDY0397	95.27191	21.04013	6610	6950	MDY0626	95.15305	21.07059	6950
78	MDY	MDY0704-MDY0801	10.866	MDY0704	95.4189	21.2356	6610	6950	MDY0801	95.414437	21.333889	6950
79	YGN	YGN0878-YGN0916	17.749	YGN0878	96.49744	16.6643	6950	6610	YGN0916	96.44485	16.51272	6610
80	YGN	YGN0822-YGN0731	13.508	YGN0822	95.881525	16.998282	6640	6980	YGN0731	95.844773	16.881908	6980
81	SSH	SHN1244-SHN0381	10.443	SHN1244	97.131301	20.442399	6610	6950	SHN0381	97.228816	20.464429	6610
82	RKE	RKE0059-RKE0062	12.754	RKE0059	93.76079	19.855644	6980	6640	RKE0062	93.82209	19.73719	6640
83	RKE	RKE0062-RKE0309	41.666	RKE0062	93.82209	19.75719	6610	6950	RKE0309	93.424506	19.73298	6950
84	SGG	SGG1147-SGG0498	20.231	SGG1147	96.298916	24.113196	6980	6640	SGG0498	96.286287	23.931481	6640
85	EBG	BGO0556-KYN0193	22.262	BGO0556	96.481635	18.986498	6980	6640	KYN0193	96.67941	19.04931	6640
86	SGG	SGG0871-SGG0956	13.399	SGG0871	95.55187	22.34182	6950	6610	SGG0956	95.43328	22.39198	6610
87	KYN	KYN0238-KYN0028	33.226	KYN0238	97.532081	17.624239	6980	6640	KYN0028	97.676188	17.358668	6640
88	MGY	MGY0622-MGY0555	23.588	MGY0622	95.237826	20.292864	6950	6610	MGY0555	95.21634	20.081529	6610
89	MGY	MGY0644-MGY0476	18.611	MGY0644	95.0372	19.97129	6610	6950	MGY0476	94.945852	20.115137	6950
90	SGG	SGG1168-SGG0427	10.794	SGG1168	95.65694	24.67557	6950	6610	SGG0427	95.6689	24.57903	6610
91	CHN	CHN0121-MGY0005	20.230	CHN0121	93.9688	22.26358	6640	6980	MGY0005	94.142	22.1773	6980
92	TNI	TNI0330-MON0073	24.833	TNI0330	97.94973	15.060887	6640	6980	MON0073	97.7858	15.21872	6980
93	SSH	SHN1321-SHN0397	10.480	SHN1321	96.814341	20.30614	6980	6640	SHN0397	96.72943	20.35118	6640
94	MGY	MGY0572-MGY0485	11.524	MGY0572	95.286556	21.551328	6950	6610	MGY0485	95.192756	21.492949	6610
95	AYY	AYY0668-AYY0535	13.768	AYY0668	94.70358	15.86502	6950	6610	AYY0535	94.628069	15.965419	6610
96	AYY	AYY0718-AYY0212	13.107	AYY0718	94.890751	15.982573	6980	6640	AYY0212	94.921178	16.096858	6640
97	MGY	MGY0721-MGY0447	13.031	MGY0721	94.695507	20.727691	6640	6980	MGY0447	94.66777	20.842113	6980



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				Name	Longitude	Latitude	Frequency (Tx)	Name	Longitude	Latitude	Frequency (Tx)
98	MGY	MGY0759-MGY0129	11.113	MGY0759	94.951985	21.80466	6980	6640	MGY0129	94.98761	21.71027
99	AYY	AYY0708-AYY0559	12.862	AYY0708	95.001335	16.245545	6980	6640	AYY0559	95.12038	16.20195
100	KYN	KYN0379-KYN0166	27.279	KYN0379	97.879349	17.34617	6950	6610	KYN0166	97.70135	17.16547
101	SGG	SGG1185-MDY0635	57.114	SGG1185	95.78684	23.22214	6950	6610	MDY0635	96.0631	22.77543
102	MDY	MDY1250-SHN0910	45.001	MDY1250	96.58197	22.98475	6980	6640	SHN0910	96.5632	23.38939
103	WBG	BGO1017-BGO0783	11.065	BGO1017	95.552994	18.76514	6610	6950	BGO0783	95.4634	18.8177
104	SGG	SGG1175-SGG0702	12.995	SGG1175	94.753249	22.126915	6640	6980	SGG0702	94.872829	22.089431
105	MGY	MGY0752-MGY0499	14.580	MGY0752	94.935612	19.771703	6640	6980	MGY0499	94.796217	19.775247
106	MGY	MGY0757-MGY0454	16.898	MGY0757	95.620065	19.730617	6610	6950	MGY0454	95.566568	19.874058
107	SSH	SHN1320-SHN0814	17.718	SHN1320	97.091734	19.995913	6950	6610	SHN0814	97.020621	19.851142
108	RKE	RKE0187-RKE0189	20.063	RKE0187	93.70837	19.50539	6640	6980	RKE0189	93.89076	19.450273
109	SGG	SGG1202-SGG0428	10.822	SGG1202	95.43066	23.658898	6640	6980	SGG0428	95.52554	23.70299
110	SGG	SGG0418-SGG1202	12.219	SGG0418	95.31091	23.65105	6950	6610	SGG1202	95.43066	23.658898
111	MDY	MDY1271-MDY0795	10.332	MDY1271	95.822286	20.372571	6640	6980	MDY0795	95.86156	20.458151
112	NSH	SHN1415-SHN0312	18.677	SHN1415	98.825538	23.47616	6950	6610	SHN0312	98.65346	23.4192
113	MGY	MGY0788-MGY0753	12.800	MGY0788	95.135495	21.83627	6610	6950	MGY0753	95.188768	21.732236
114	TNI	TNI0363-TNI0003	13.744	TNI0363	98.651342	12.594044	6950	6610	TNI0003	98.682999	12.474267
115	KYH	KYH0106-KYH0056	16.210	KYH0106	97.157764	18.82838	6950	6610	KYH0056	97.311397	18.831023
116	RKE	RKE0417-RKE0402	18.288	RKE0417	93.52995	20.04848	6950	6610	RKE0402	93.36052	20.09047
117	MDY	MDY1272-MDY0671	14.551	MDY1272	96.147369	23.102904	6640	6980	MDY0671	96.03157	23.17914
118	SGG	SGG0522-SGG0483	10.390	SGG0522	95.94274	24.4608	6980	6640	SGG0483	95.9535	24.5538
119	SSH	SHN1386-SHN1098	12.331	SHN1386	96.763912	20.832674	6950	6610	SHN1098	96.75504	20.72347
120	SSH	SHN1394-SHN0975	11.056	SHN1394	97.163412	20.273612	6950	6610	SHN0975	97.24835	20.21403



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				Name	Longitude	Latitude	Frequency (Tx)	Name	Longitude	Latitude	Frequency (Tx)
121	MDY	MDY0396-MDY0462	13.908	MDY0396	95.38647	20.81594	6610	MDY0462	95.30535	20.91555	6950
122	RKE	RKE0375-RKE0075	16.963	RKE0375	93.1157	20.4967	6640	RKE0075	93.27842	20.48764	6980
123	RKE	RKE0476-RKE0142	23.481	RKE0476	94.562543	17.496624	6950	RKE0142	94.55459	17.70982	6610
124	CHN	CHN0120-CHN0130	14.825	CHN0120	93.47227	22.09773	6950	CHN0130	93.60381	22.15209	6610
125	CHN	CHN0133-CHN0130	21.600	CHN0133	93.39674	22.106999	6980	CHN0130	93.60381	22.15209	6640
126	MGY	MGY0746-MGY0695	14.313	MGY0746	95.082408	19.330432	6950	MGY0695	95.216023	19.362899	6610
127	AYV	AYV0602-AYV0356	13.950	AYV0602	95.220811	17.115753	6610	AYV0356	95.308343	17.022152	6950
128	MGY	MGY0812-MDY0930	19.540	MGY0812	95.70731	20.41202	6950	MDY0930	95.635658	20.574567	6610
129	MGY	MGY0352-CHN0145	62.892	MGY0352	94.154958	20.660125	6950	CHN0145	94.016944	21.211278	6610
130	MGY	MGY0384-CHN0145	58.339	MGY0384	94.249345	20.73167	6640	CHN0145	94.016944	21.211278	6980
131	MDY	MDY1290-MDY0495	17.325	MDY1290	96.307369	21.751089	6950	MDY0495	96.21802	21.88312	6610
132	SSH	SHN1272-SHN0939	32.204	SHN1272	97.169559	21.936662	6950	SHN0939	96.93597	21.74433	6610
133	KYN	KYN0365-KYN0005	12.917	KYN0365	98.104606	16.694626	6950	KYN0005	98.03987	16.596299	6610
134	KYN	KYN0388-KYN0182	11.006	KYN0388	97.67767	17.064568	6640	KYN0182	97.761773	17.006735	6980
135	KYH	KYH0108-KYH0043	36.000	KYH0108	97.498768	19.68086	6950	KYH0043	97.22209	19.89302	6610
136	KCN	KCN0439-KCN0225	27.985	KCN0439	96.68468	26.05459	6950	KCN0225	96.63748	25.80633	6610
137	KCN	KCN0416-KCN0439	39.731	KCN0416	96.70894	26.41151	6980	KCN0439	96.68468	26.05459	6980
138	MGY	MGY0278-MGY0687	20.898	MGY0278	94.95036	20.06961	6610	MGY0687	95.14076	20.01147	6950
139	MGY	MGY0602-MGY0559	22.780	MGY0602	95.05491	19.91506	6980	MGY0559	95.27103	19.89233	6640
140	KYN	KYN0393-KYN0380	25.752	KYN0393	98.316089	16.32884	6980	KYN0380	98.203996	16.12062	6980
141	RKE	RKE0481-RKE0483	21.380	RKE0481	93.55454	19.68865	6640	RKE0483	93.74497	19.730414	6980
142	MGY	MGY0806-MGY0413	12.201	MGY0806	94.81067	20.32421	6610	MGY0413	94.684905	20.334967	6950
143	TNI	TNI0327-TNI0007	12.554	TNI0327	98.62516	12.74407	6980	TNI0007	98.666014	12.849803	6640



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144	SSH	SHN1262-SHN0303	14.744	SHN1262	96.494744	21.23923	6980	6640	SHN0303	96.514491	21.101511	6640	6980
145	KYN	KYN0398-KYN0165	15.170	KYN0398	98.116038	16.852792	6640	6980	KYN0165	98.02547	16.74732	6980	6640
146	SGG	SGG1275-SGG0660	10.916	SGG1275	94.838937	22.86575	6610	6950	SGG0660	94.73424	22.84722	6950	6610
147	SGG	SGG1269-SGG1120	21.295	SGG1269	94.768345	24.412307	6950	6610	SGG1120	94.805516	24.223671	6610	6950
148	AYY	AYY0169-AYY0699	11.203	AYY0169	95.13761	16.80717	6610	6950	AYY0699	95.055214	16.869994	6950	6610
149	AYY	AYY0521-AYY0269	18.866	AYY0521	94.40048	16.00626	6640	6980	AYY0269	94.56856	16.05856	6980	6640
150	SGG	SGG0767-SGG0082	13.145	SGG0767	96.349568	24.040822	6950	6610	SGG0082	96.33234	24.158073	6610	6950
151	MDY	MDY0637-MDY0020	10.408	MDY0637	96.041929	21.627381	6980	6640	MDY0020	96.141411	21.612505	6640	6980
152	NSH	SHN0357-SHN0354	20.421	SHN0357	96.949553	22.112801	6610	6950	SHN0354	96.98767	22.28317	6950	6610
153	SGG	SGG0933-SGG1105	11.777	SGG0933	94.31531	22.91851	6950	6610	SGG1105	94.27387	23.0174	6610	6950
154	MON	MON0134-MON0010	21.871	MON0134	97.79404	15.06699	6610	6950	MON0010	97.85451	15.25498	6950	6610
155	MGY	MGY0732-MGY0095	11.808	MGY0732	95.349446	19.282427	6640	6980	MGY0095	92.242782	19.31647	6980	6640
156	KYN	KYN0380-KYN0197	18.002	KYN0380	98.203996	16.12062	6610	6950	KYN0197	98.035501	16.127587	6950	6610
157	KYN	KYN0109-KYN0071	14.668	KYN0109	98.48119	15.89861	6610	6950	KYN0071	98.401533	16.005644	6950	6610
158	RKE	RKE0383-RKE0455	17.555	RKE0383	93.70783	19.02843	6950	6610	RKE0455	93.729999	18.87183	6610	6950
159	SSH	SHN1541-SHN1539	15.716	SHN1541	97.533743	20.303385	6980	6640	SHN1539	97.338389	20.287526	6640	6980
160	TNI	TNI0383-TNI0124	19.255	TNI0383	96.494744	21.23923	6950	6610	TNI0124	96.514491	21.101511	6610	6950
161	MGY	MGY0829-MGY0231	11.793	MGY0829	98.116038	16.852792	6980	6640	MGY0231	98.02547	16.74732	6640	6980
162	AYY	AYY018-AYY1102	10.670	AYY018	95.370378	16.33753	6610	6950	AYY1102	95.47003	16.34422	6950	6610
163	AYY	AYY0797-AYY1106	10.101	AYY0797	95.71056	16.40744	6980	6640	AYY1106	95.80463	16.41659	6640	6980