

2024年2月技術講習会

IOTA、SOTA、 そしてPOTA



全国金融機関アマチュア無線クラブ

<http://www.jarl.com/zenkinclub/>



DXCCから派生した OTAシリーズを学ぶ

- 1 IOTA (Islands On the Air)
- 2 SOTA (Summits On the Air)
- 3 POTA (Parks On the Air)

IOTA

Islands On The Air

発祥

1964年 イギリス

アワード(22種類)

IOTA 100~1100 ISLANDS OF THE WORLD
IOTA AFRICA
IOTA ANTARCTICA
IOTA ASIA
IOTA EUROPE
IOTA NORTH AMERICA
IOTA OCEANIA
IOTA SOUTH AMERICA
IOTA ARCTIC ISLANDS
IOTA BRITISH ISLANDS
IOTA WEST INDIES
IOTA WORLD DIPLOMA (各大陸50%)

※ リージョナルアワードは各75%の交信が必要
※ 750で盾、1000でトロフィー (要7大陸交信)

参照HP

<https://www.iota-world.org/ja/>

ログ : ログインしてClub logからアップロード or
Cabrillo形式のIOTAコンテストログをアップロード

スポット : HPよりセルフスポット可

推奨周波数

3.530
7.030
10.115
14.040
18.098
21.040
24.920
28.040

IOTAコンテスト

毎年7月最後の週末

コンテストナンバー
RST+001+IOTANo.

※コンテスト部会では、今年参加を
予定しています。(反省会あり)

IOTAナンバー抜粋

IOTA、SOTA、そしてPOTA

JAPAN		CALL AREAS 1 to 9, less 6				
AS-007	A1 etc	a.	HONSHU ISLAND (=Honshu, plus Mukai [in Hiroshima], Hiko and Omi [both in Yamaguchi] and coastal islands not qualifying for the groups below)	33°24–41°35N	130°50–142°08E	
AS-206	JA1, 2, 7, 0	b.	HONSHU'S COASTAL ISLANDS EAST (=JA1 Chiba Pref: Uki; Kanagawa Pref: Saru; JA2 Aichi Pref: Himaka, Hime, Kaji, No, O, Oki, Saku, Shino, Tsukumi; Mie Pref: Kami, O, Sabaru, Suga, Suzu, Toshi, Ushi; Shizuoka Pref: Hatsu, Mikomoto; JA7 Aomori Pref: Kyuroku; Iwate Pref: O; Miyagi Pref: Aji, Ashi, Eno, Hira, Izu, Kasagai, Kinkasan, No, O, Tashiro, Tsubaki, Yakei; Yamagata Pref: Tobi; JA0 Niigata Pref: Awa, Sado)	33°43–41°35N	136°00–142°15E	
AS-117	JA3, 4, 9	b.	HONSHU'S COASTAL ISLANDS WEST (=JA3 Hyogo Pref: Awaji, Ie-shima Archipelago [namely Boze, Ie, Nishi, Tanga], Nu; Kyoto Pref: Kanmuri, Ke; Wakayama Pref: Jino, Karimo, Kuro, O, Okino, Taka, Tomoga; JA4 Hiroshima Pref: Atata, Benten, Eta, Fune, Hashiri, Ikuchi, Inno, Ka, Kamiguro, Kamikamagari, Kanawa, Kosagi, Miya, Momo, Naga, Nino, Nomi, Okuno, Okurokami, Osakikami, Osakishimo, Oshiba, Sagi, Shimoguro, Shimokamagari, Ta, Toge, Toyo, Uji, Yoko; Okayama Pref: Ao, I, Inu, Kakui, Kamimizu, Kashira, Kou, Kuro, Manabe, Mu, Obi, Otabu, Shimomizu, So, Taka, Tsuru; Shimane Pref: Taka, Uma; Yamaguchi Pref: Ai, Ganryu, Ha, Hane, Hashira, Heigun, Hodaka, Iseko, Iwai, Kasado, Kasasa, Kurakake, Kuro, Kurokami, Mae, Me, Mi, Mutsure, No, O [x3], Ohzu [aka Otsu], Okikamuro, Ominase, Saba, Sago, Sen, Take, Te, Tsuno, U, Uka, Uma, Ya, Yashiro; JA9 Ishikawa Pref: Hegura, Nanatsu, Noto; Toyama Pref: Abuga) (Note: not Mukai [in Hiroshima], Hiko [in Yamaguchi], Omi [in Yamaguchi] or islands in the Seto Naikai that fall in the JA5 call area [AS-076])	33°24–37°54N	130°00–137°38E	
AS-008	JA1	c.	NORTH IZU ISLANDS (=Haya, Inanba, Jinai, Kozu, Mikura, Miyake, Nii, O, Ombase, Onohara, Shikine, Tadanee, To, Udono, Zenisu) (Note: not islands qualifying for AS-117)	33°30–34°52N	139°00–139°45E	
AS-043	JA1	d.	SOUTH IZU ISLANDS (=Aoga, Beyonezu [aka Bayonaize Rock], Hachijo, Hachijoko, Sofu [aka Lot's Wife Rock], Sumisu [aka Smith Rock], Tori)	29°40–33°15N	139°35–140°30E	
AS-041	JA4	e.	OKI ISLANDS (=Oki Isls [namely Asa, Chiburi, Dogo, Kami, Kanmuri, Kohaka, Komori, Matsu, Nakano, Nishino, Okaga, Okino, Omori, Shijiki, Shimazu, Shiro])	35°57–36°23N	132°50–133°30E	
AS-076	JA5	f.	SHIKOKU ISLAND (=Shikoku, plus Akaba, Futana, Ka, Kiri, Nakano, Oh [all in Kochi] and Kokatsu, Naga, Ooge, Shimada, Takega [all in Tokushima]) and islands not qualifying for other groups)	32°40–34°35N	132°00–134°52E	
AS-200	JA5	g.	SHIKOKU'S COASTAL ISLANDS (=Ehime Pref: Ai, Akahone, Ao, Ateki, Eno, Fuku, Futagami, Hakata, Heichi, Hena, Hi, Hiburi, Hiki, Hyakkan, Hyoutan, Ikina, Iwagi, Jioh, Ka [near Nobutsuna], Ka [near Oji], Ka [near To], Kai, Kaji, Kamagi, Kashiwa, Ko, Ko Ai, Kogo, Koheichi, Kohiki, Ko Ooge, Koudon, Ko Yoko [near Oji], Ko Yoko [near Oo Yoko], Ku, Kudako, Kuro [near Sa], Kuro [near Toudo], Kuru, Matsu, Mijika, Mino, Mushi, Mutsuki, Myoujin, Nagareko, Naka, Nakato, Nezumi, No, Nobutsuna, Nuwa, O, Oh [near Jioh], Oh [near Niihama City], Oichi, Oitsukami, Oji, Okamura, Okino, Ooge, Oomi, Ootachiba, Oo Yoko, Sa [near Kuro], Sa [near Yuge], Taka [near Jioh], Taka [near Ku], Taka [near Takega], Takaikami, Takega [near Hiburi], Takega [near Oitsukami], Tarubashi, To, Toudo, Toyo, Tsu, Tsuba, Tsukumo, Tsuru, Tsuru, Tsuwachi, U, Uma, Uo, Yoko [near Futagami], Yoko [near Hiburi], Yoko [near Oji], Yuge, Yumitue, Yuri; Kagawa Pref: Awa, Fukube, Futaomote, Hiro, Hitsuisi, Hon, Ibuki, Inage, Iwakuro, Kabuto, Kamegasa, Kamima, Kazenoko, Kazura, Kenashi, Kinu, Ko [near Sanagi], Ko [near Shodo], Koyo, Kozei, Kozuchi, Kozuta, Marugami, Marukame, Mata, Matsu, Me, Megi, Moroki, Mukai, Naga, Nao Isls [namely Anno, Byoubu, E, I, Kashiwa, Kihel, Kine, Koujin, Kuzu, Kyonojyurou, Mukae, Nao, Odaka, Tera, Tsubone], Ode, Ogi, Oh, Ootobi, Ooyo, Oozuchi, Ote, Sanagi, Shishi, Shodo, Taka [near Inage], Taka [near Kinu], Takami, Te [near Hiro], Te [near Shodo], Tsu, Tsunen, Ushi, Wasa, Yo, Yoroi; Kochi Pref: Biryou, Futanarabi, Hime, Kou, Kuzu, Mizu [near Okino], Mizu [near Tosashimizu City], Okino, Ootou, Sannose, Uguru; Tokushima Pref: Ao, I, Mae, Maiko, Maru, Nakatsu, Nono, Oh, Tanago, Teba, Tobi, Tsu) (Note: not Akaba, Futana, Ka, Kiri, Nakano, Oh [all in Kochi] or Kokatsu, Naga, Ooge, Shimada, Takega [all in Tokushima])	32°40–34°35N	132°00–134°52E	
AS-078	JA8	h.	HOKKAIDO ISLAND (=Hokkaido and coastal islands not qualifying for other groups)	41°20–45°35N	139°45–145°51E	
AS-147	JA8	i.	HOKKAIDO'S COASTAL ISLANDS (=Daikoku, Kenbokki, Ko [near Akkeshi], Ko [near Hamanaka], Ko [near Matsumae], Moyururi, O, Okushiri, Rebut, Rishiri, Teuri, Todo [near Rebut], Yagishiri, Yururi)	41°18–45°35N	139°20–145°51E	



SOTA

Summits On The Air

発祥

2002年 イギリス

アワード

- SOTAポイント賞
 - 登録された山頂のポイント（右表の通り山の標高によりポイントが異なる）を積み上げていくもの
 - アクティベーターは最低4 QSOが必要
 - 1000ポイントでトロフィー
 - ※ イギリスに申請必要だが、以下の「SOTAデータベース」にログをアップロードすることにより、進捗を確認可能
- SOTA山岳賞
山頂同志の交信が対象

参照HP

<https://www.kawauchi.homeip.mydns.jp/sotajp/>

ログ：SOTA DATABASE

<https://www.kawauchi.homeip.mydns.jp/sotajp/>

スポット：SOTA Watch3

<https://sotawatch.sota.org.uk/ja/>

厳しいルール

- 発電機、商用電源使用不可
- 車両使用不可、車両からの電源取得禁止
(よって、簡単に行ける山は対象になっていない)
- また、山頂で邪魔にならるように、山頂から標高差25m以内の場所であれば山頂からの運用と認められる

【参考】標高とポイントの関係

山頂の標高	スコア
150m以上、500m未満	1
500m以上、650m未満	2
650m以上、850m未満	4
850m以上、1100m未満	6
1100m以上、1500m未満	8
1500m以上	10

SOTAナンバー抜粋

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REF. ↕	SUMMIT NAME	JAPANESE NAME ↕	ALT (M) ↕	VALID FROM (DD/MM/YYYY)	SCORE ↕
JA/ST-001	Sanpouzán	三宝山	2483	01/06/2015	10
JA/ST-002	Ryókamisan	両神山	1723	01/06/2015	10
JA/ST-003	JA/ST-003	点1659	1659	01/06/2015	10
JA/ST-004	Bukousan	武甲山	1304	01/06/2015	8
JA/ST-005	Oomochiyama	大持山	1294	01/06/2015	8
JA/ST-006	Futagoyama	二子山	1166	01/06/2015	8
JA/ST-007	Ootsuka(Nagakubonoatama)	大塚(長久保の頭)	1066	01/06/2015	6
JA/ST-008	Takegawadake	武川岳	1052	01/06/2015	6
JA/ST-009	Jominesan	城峯山	1038	01/06/2015	6
JA/ST-010	Shiroishiyama	白石山	997	01/06/2015	6
JA/ST-011	Takenokayayama	竹ノ茅山	978	01/06/2015	6
JA/ST-012	Maruyama	丸山	960	01/06/2015	6

JA/ST-013	Izugatake	伊豆ヶ岳	851	01/06/2015	6
JA/ST-014	Oogiriyama	大霧山	767	01/06/2015	4
JA/ST-015	Atagoyama (Nenogongen)	愛宕山 (子の権現)	660	01/06/2015	4
JA/ST-016	Shibaharayama	柴原山	644	01/06/2015	2
JA/ST-017	Minoyama	峯山	590	01/06/2015	2
JA/ST-018	Fudousan	不動山	549	01/06/2015	2
JA/ST-019	Hodosan	宝登山	497	01/06/2015	1
JA/ST-020	Raidenyama	雷電山	418	01/06/2015	1
JA/ST-021	Sengenyama	仙元山	299	01/06/2015	1
JA/ST-022	Ryuubamiyama	竜喰山	2012	01/12/2016	10
JA/ST-023	Akazawayama	赤沢山	1819	01/12/2016	10
JA/ST-024	Kannyoyama	観音山	698	01/12/2016	4
JA/ST-025	Oomaeyama	大前山	653	01/12/2016	4

+



POTA

Parks On The Air

発祥

2017年 アメリカ

簡単なルール

- アクティベートには10QSOが必要
- アクティベーター、ハンターとも登録は必要だが、ログ登録はアクティベーターのみ

アワード

+

Standard Awards

10公園でBronze Award
20公園でSilver Award
40公園でPlatinum Award
50公園でDiamond Award
75公園でsapphire Award
DX

Geographic Awards

All Prefectures etc. Award
Worked all References Awards
Repeat Offender Awards
Operator to Operator Awards
Park to Park Awards

○

Advanced Awards

Unique References Awards
(100公園以上のアワード)
POTA Rover Awards
(One Dayで5公園以上)
Early Shift
Late Shift

Special Awards

Support Your Parks Event Awards
Outstanding Operator Awards
Six Meter (6 Pack) Awards
James F.LaPorta N1CC Awards
Kilo Award
New Year Award

+

○

参照HP

<https://parksontheair.com/>

ログ : ログインしてADIFファイルをアップロード (アクティベーターのみ)

スポット : <https://pota.app/#/>

予定入力 : <https://pota.app/#/activations>

POTAナンバー抜粋

IOTA、SOTA、そしてPOTA

JAPAN (JA) ▼

Reference ↑	Park
JA-1247	Higashi Ayase Prefectural Park
JA-1248	Higashi Shirahige Prefectural Park
JA-1249	Hikarigaoka Prefectural Park
JA-1250	Hibiya Prefectural Park
JA-1251	Mizumoto Prefectural Park
JA-1252	Meiji Prefectural Park
JA-1253	Yumenoshima Prefectural Park
JA-1254	Yokoamicho Prefectural Park
JA-1255	Yoyogi Prefectural Park
JA-1256	Rinshinomori Prefectural Park
JA-1257	Roka Koshunen Prefectural Park
JA-1258	Wadabori Prefectural Park
JA-1259	Akirudai Prefectural Park
JA-1260	Inokashira Prefectural Park
JA-1261	Oto Prefectural Park

JAPAN (JA) ▼

Reference	Park
JA-1146	Okumusashi Prefectural Nature Park
JA-1147	Kuroyama Prefectural Nature Park
JA-1148	Nagatoro Tamayodo Prefectural Nature Park
JA-1149	Hikikyuryo Prefectural Nature Park
JA-1150	Jobu Prefectural Nature Park
JA-1151	Buko Prefectural Nature Park
JA-1152	Angyo Bunan Prefectural Nature Park
JA-1153	Ryogami Prefectural Nature Park
JA-1154	Nishichichibu Prefectural Nature Park
JA-1155	Kitaurawa Prefectural Park
JA-1156	Saitama Stadium 2002 Prefectural Park
JA-1157	Akigase Prefectural Park
JA-1158	Omiya Prefectural Park
JA-1159	Shirakobato Suijo Prefectural Park



2024/2/18

各公園のページ

IOTA、SOTA、そしてPOTA

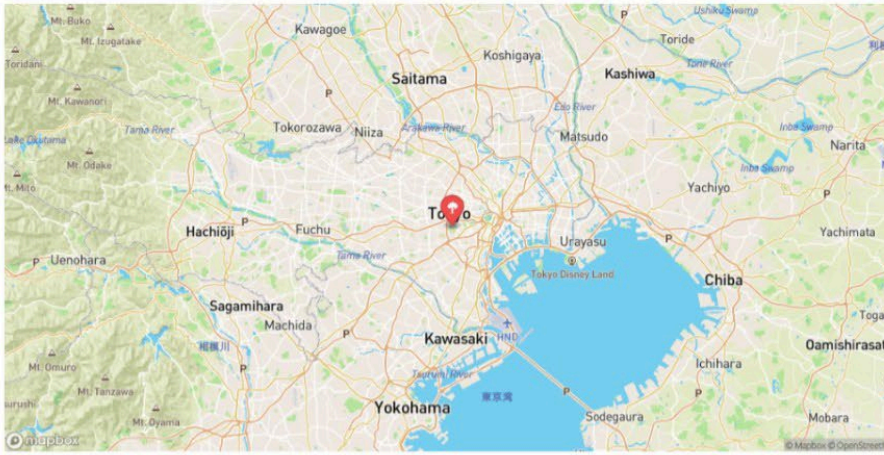
☰ **Yoyogi Prefectural Park**
🔍 Search for Callsigns & Parks
📍 SPOTS 📅 ACTIVATIONS 🌐 JM1LQI

Yoyogi Prefectural Park

Reference:	JA-1255
DXCC Entity:	Japan
Location(s):	JP-TK
Latitude / Longitude:	35.6716, 139.696 (PM95uq)
Early Shift Award Times:	17:00 UTC to 23:00 UTC
Late Shift Award Times:	9:00 UTC to 17:00 UTC
Website:	https://www.tokyo-park.or.jp/park/format/index039.html
Access Methods:	<input type="button" value="Automobile"/> <input type="button" value="Foot"/>
Activation Methods:	<input type="button" value="Automobile"/> <input type="button" value="Pedestrian"/>
Is Active?	ACTIVE
First Activation:	JO1LNK on 2020-11-06
Stats:	93 activations / 128 attempts (1985 QSOs)
代々木公園	

Park Leaders

	Activations	Activator QSOs	Hunter QSOs
1.	JK1EPA 38	JK1EPA 700	JI1PVR 54
2.	JM1WIJ 11	JA1RXC 272	7K1FGK 54
3.	JJ1HHJ 7	JM1WIJ 189	JA1CUF 53
4.	JK1CWV 3	JJ1HHJ 140	JJ1HHJ 46
5.	JA1RXC 3	JJ2JQF 92	JP1GIW 29



Activations

Date	Callsign	CW	Data	Phone	Total QSOs
2024-01-24	JL1LOF	1	8	8	17
2024-01-23	N6ARA	28	0	0	28
2024-01-23	7L4WVU	0	12	0	12
2024-01-22	JK1EPA	0	31	0	31
2024-01-14	7K2VNA	0	0	14	14
2024-01-12	JM1WIJ	0	0	24	24
2024-01-07	JK1MVC	8	0	0	8
2024-01-06	JK1EPA	0	20	0	20
2024-01-06	JK1KIB/1	0	0	10	10
2023-12-21	JK1JDY	0	0	5	5

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【ご参考資料】

OTAシリーズ簡易比較表

	発祥年	発祥地	対象	アクティベート
IOTA	1964	イギリス	世界の島	—
SOTA	2002	イギリス	世界の山	4 QSO
POTA	2017	アメリカ	世界の公園	10QSO

全国金融機関アマチュア無線クラブ

<http://www.jarl.com/zenkinclub/>

【ご参考資料】

ADIFとは？

- ADIFは、Amateur Data Interchange Format の略で、アマチュア無線のログデータをやり取りするための共通形式です。
- XMLのようにタグ付きテキストファイルです。
- HamlogからADIF出力可能です。
(必要なデータを入力しておきましょう。)
- (参考)
ADIFファイルを編集できる便利ソフト
ADIF Master
<http://www.contestlogchecker.com/adif-master.html>

Cabrillo形式とは？

- Cabrillo formatは、N5KO によって提案されたあらゆるコンテストのためのログ形式です。
- 多くのDXコンテストではこの形式でログを提出することとされています。
- 中身はJARL形式と似たようなテキストファイルです。
- 主なコンテストログソフト (CtestWin等) により出力可能ですし、Hamlogでもサポートされています。

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<http://www.jarl.com/zenkinclub/>

POTAに登録

- ① 「Sign Up」ボタンを押して出た画面(左)の「GO TO COGNITO SIGN IN」ボタンを押す。
- ② 出てきた画面(左下)のリンク「Sign Up」(右下)をクリック！
- ③ パスワードの条件が厳しいので注意。全部の条件をクリアしたら「Sign Up」ボタンを押す。
- ④ メールが送信され、メール本文のリンクをたどると下の画面。コールサインと名前を入力してルールなどを確認したと3つのチェックを入れて、SUBMIT。
- ⑤ しばらくすると、「Your account is active！」と表示されて、あなたもPOTAに仲間入り！

Sign Up

Search for Callsigns & Parks

SPOTS ACTIVATIONS SIGN UP SIGN IN

1 Create a Cognito account

Parks on the Air (POTA) uses [AWS Cognito](#) to manage our account authentication information. This provides all parties with a flexible and secure method of signing into POTA.

Get started by creating a Cognito account using the sign in method of your choice. You can choose to authenticate with your Amazon, Google, or Facebook accounts, or create a unique username and password just for POTA. No matter which method you choose, POTA does not have access to your account or social media data.

To use Amazon, Google, or Facebook, click the corresponding "Continue with ..." on left side of the Sign In page.

To use a unique username and password, look for the text "Need an account? Sign up" at the bottom right of the Sign In page. After setting your email and password, you will need to verify your account by clicking the link you receive in your email.

After creating your account, if you are not automatically redirected back to this page, follow the pop-up prompt on the Spots page to get back to this page and go to the next step.

EMAILS AND PASSWORDS ARE CASE SENSITIVE! Please pay attention to the case you are using for your email, especially if you are signing up on a mobile device which automatically capitalizes the first letter of words.

GO TO COGNITO SIGN IN

2 Complete Sign Up

3 Wait for approval

4 Get on the air!

This website uses cookies to provide you with the best user experience possible. See our [Privacy and Cookies](#) policy for more information.

Got It!

Sign up with a new account

Email

Password

- ✓ Password must contain a lower case letter
- ✓ Password must contain an upper case letter
- ✓ Password must contain a number
- ✓ Password must contain at least 8 characters
- ✓ Password must contain a special character or a space
- ✓ Password must not contain a leading or trailing space

Sign up

Already have an account? [Sign in](#)

Sign In with your social account

[Continue with Login with Amazon](#)

[Continue with Google](#)

[Continue with Facebook](#)

Sign in with your email and password

Email

OR

Password

Forgot your password?

Sign in

Need an account? [Sign up](#)

Sign Up

Search for Callsigns & Parks

SPOTS ACTIVATIONS

1 Create a Cognito account

2 Complete Sign Up

You are almost finished! Fill out the following fields and click Submit. For personal accounts use your current personal callsign, and for club accounts, use the clubs primary callsign. Suffixes, old callsigns or special event callsigns, can be connected to your account later. Your full name should be the name you want to appear on your award certificates. Use your real name as anything else may not be approved by the admin team. You can change your display name once your account has been created.

Current Callsign

Full Name

- ✓ I have reviewed the Getting Started guide and am familiar with the POTA documentation website (<https://docs.pota.app>)
- ✓ I have reviewed and agree to the Parks on the Air Rules (<https://docs.pota.app/docs/rules.html>)
- ✓ I have reviewed and agree to the Parks on the Air Code of Conduct (https://docs.pota.app/docs/code_of_conduct.html)

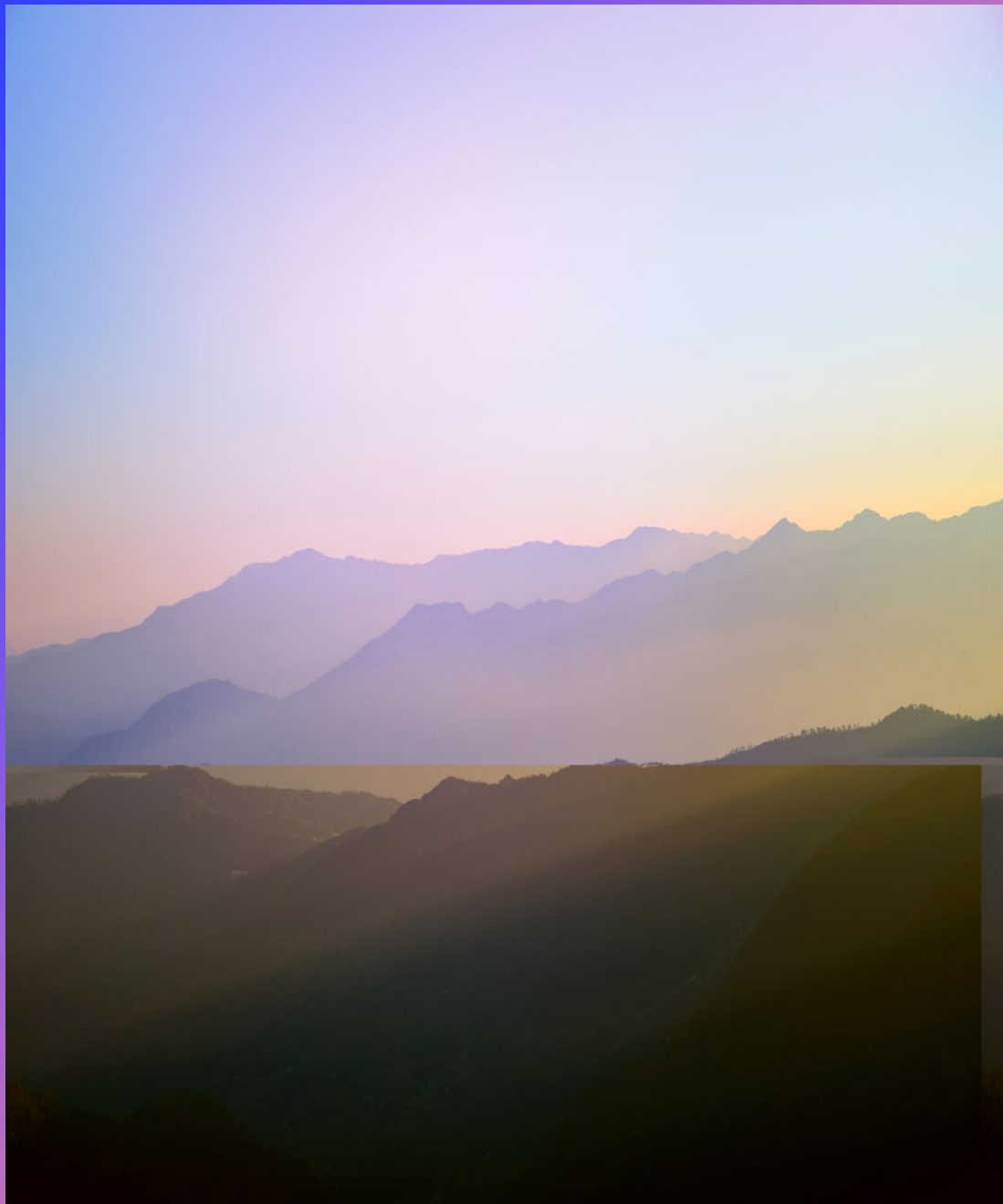
SUBMIT

If you already have an account and you are on this page, you may have signed in using a different method. You can sign out and sign in again using your existing method, or you can complete the signup process again to connect your new authentication method to your existing account. All of your stats will remain intact.

3 Wait for approval

4 Get on the air!

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さあ、秋ヶ瀬公園の
JL1LOF/1局を
みんなで呼んでみましょう！

始める方法は、話をや
めて、始めることです。

Walt Disney

全国金融機関アマチュア無線クラブ
<http://www.jarl.com/zenkinclub/>

2024/2/18

IOTA、SOTA、ZLTPOTA

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ご清聴 ありがとうございました

でもまずはDXCCかなあ(^^;

全国金融機関アマチュア無線クラブ

<http://www.jarl.com/zenkinclub/>



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