

Users Manual FIELDNAUT ver. 1.5

November 2020



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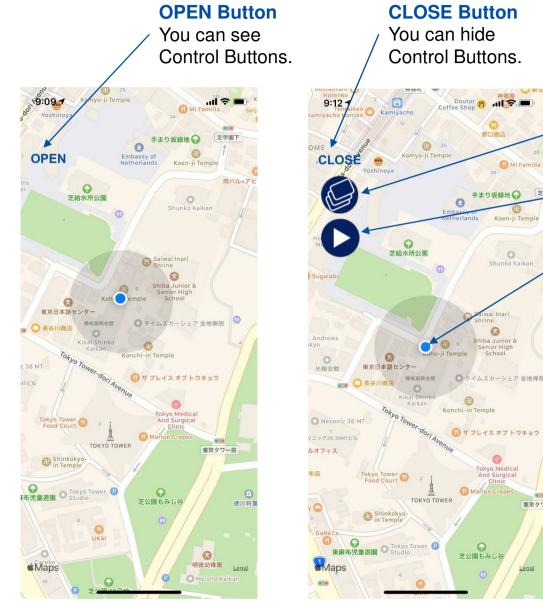
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- 3. Share & Delete Layers
- 4. Callout Note Information
- 5. Start & Stop Tracking
- 6. Take Notes
- 7. Output Files
- 8. About FIELDNAUT

1. Parts & Names





You can hide Control Buttons.

野口商店

手まり坂緑地 🞧

Shiba Junior & Senior High

School

8 Tokyo Medical And Surgical Clinic

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東京夕

Legal

し新生

🕢 Mi Familia

Koen-ji Temple

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LAYER Button

You can change maps and overlay geojson files.

START Button

You can start tracking.

Your Location

Your location.

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1. Parts & Names



SAVE Button

You can save information.



Stop Button

You can finish tracking (survey). The button will show up after tap Start Button.

Note Button

You can take note (waypoint with note and a photo). The button will show up after tap Start Button.

Camera Button You can tap and take a

photo.





Sample

"Sample" Samples Sampled i o p t у u q W е r k 1 а S d f g h b n m $\langle \times \rangle$ Ζ С \Diamond Х V 123 space return

Photo

A photo which you take with **Camera** and/**or AR Measurement** Functions.

AR Measurement Button

You can tap and measure your target object.

Note Screen

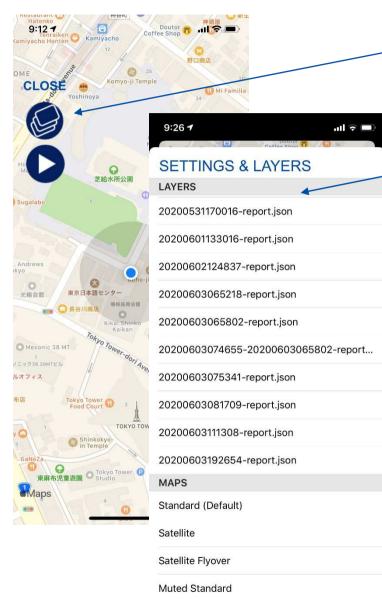
The screen will show up after you tap Note Button. You can check location and time, Take a photo, measure an object and take some notes. Once you tap **SAVE** Button, the note will be recorded.

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2. Change Layer





 Tap LAYER Button
 Select LAYERS and/or MAPS

PREVIOUS LOGs

All tracking records will be saved as geojson format, and you can overlay on the map.



3. Share and Delete the Layer



15:19 🕇 ...| 🗢 🗆 **SETTINGS & LAYERS** SETTINGS About LAYERS 20200615093019-report.json 20200615153633-report.json 20200616074650-report.json 20200617101005-report.json 20200618075256-report.json report.ison Share Delete 20200618172613-report.json 20200618173405-report.json 20200618173934-report.json 20200618194855-report.json 20200619065255-report.json 20200620073512-report.json 20200621140210-report.json

20200621174321-report_ison____

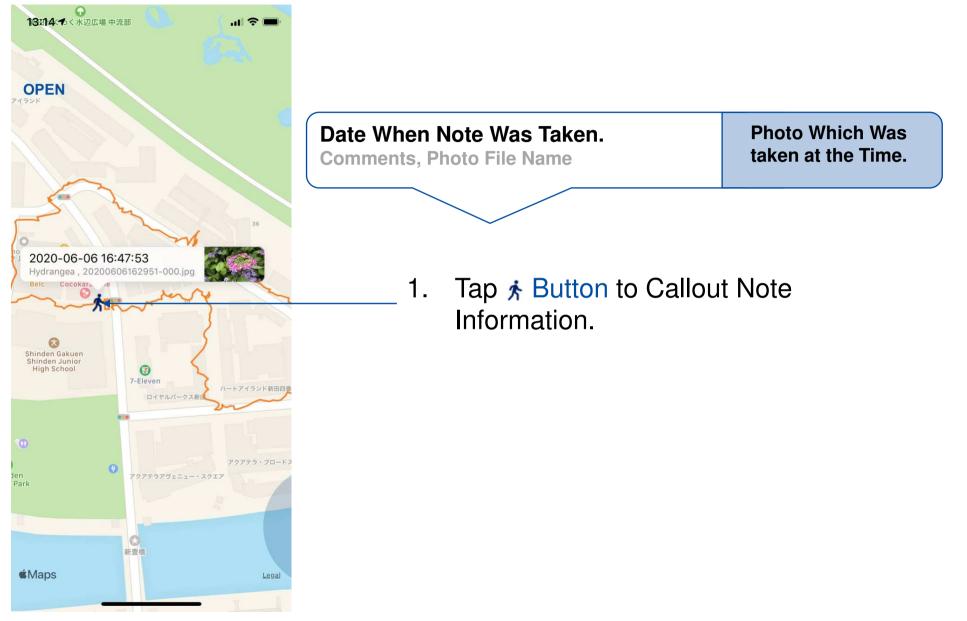
- 1. Swipe Layer to Left.
- 2. Tap Share to share files which consist the layer over email and/or SNS.
- 3. Tap Delete to delete files which consist the layer.

Caution!

You can delete files once you tap Delete completely. You cannot recover the deleted files. Please be careful.

4. Callout Note Information





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5. Start and Stop Tracking



Start Tracking **Stop Tracking** \succ Tap Start Button. Tap Stop Button. 1. 1. Kamiyacho 11:11 --ul 🕆 🛙 Ki-Re-i東京× 比谷線神谷町駅 野口商店 19:26 Toshinova 4G 25 oba&Co. 神谷町店 🚺 Komyo-ji Temple 手まり坂緑地 🞧 📆 Mi Familia 0 CLOSEnoya Embassy of Netherlands Koen-ii Temple CLOSE 0 ○ 芝給水所公園 0 手まり坂緑地 0 Embassy of Netherlands 0 芝給水所公園 G Saiwai Inari Shrine 0 0 Shiba Junior & Senior High . Koho-ii Temple School 0 東京日本語センタ 機械振興会館 ○ タイムズカーシェア 金地禅院 ●■● ● 長谷川商店 0 Shiba Junior 8 nchi-in Templ 8 Mesonic 38 MT R ザブレイスオブトウキョウ
 東京日本語センター フィス 機械振興会館 0 タイムズカーシェア 金地禅院 ●●● 長谷川商店 . 0 Tokyo Medical And Surgical Tokyo Tower 🕢 Food Court 🛈 2 O Ma TOKYO TOWER 東京タワー育 B Shinkokyo in Temple 7 0 東麻布児童遊園 O Tokyo Tower 🕑 ○ 芝公園もみじ谷 8 Atago Police ation Tokyo Tokyo Tower UKAI TOKYO TOWER 0 3 8 明徳幼稚園 Maps mple O Meishoegal **Maps** 0 芝公園 18号地 0 0 東麻布児童遊園 🔘

6. Take Note w/ Camera



- Open Note Screen
 - 1. Tap Note Button.



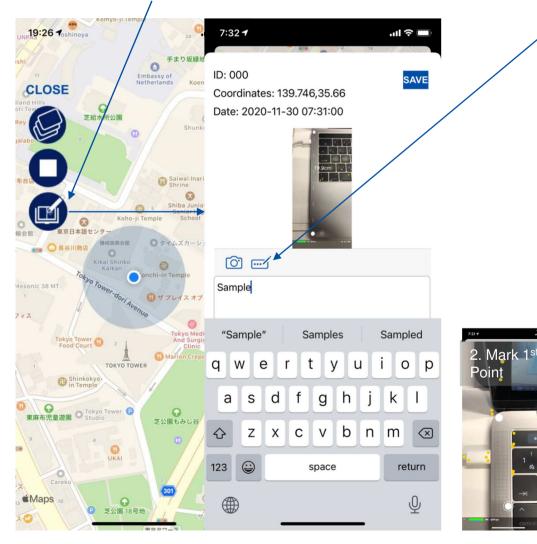


- Take a Photo
 - 1. Tap Camera Button.
 - 2. Take a Photo.
 - 3. Tap Use Photo. Screen will return automatically.
- Take Note
 - 1. Tap Text Field.
 - 2. Take some notes. Keyboard will show up automatically. You can also use voice record.
 - Save Note
 - 1. Tap Save Button.

6. Take Note w/ AR Measurement



- Open Note Screen
 - 1. Tap Note Button.



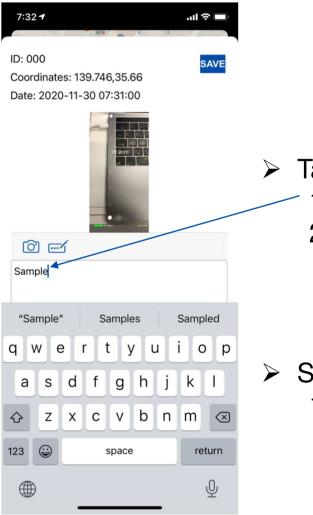
- AR Measurement
 - 1. Tap AR Measurement Button.
 - 2. Tap the Screen to add the first point.
 - 3. Tap the Screen again to add the second point for measurement.
 - 4. Tap
 Button to take a screenshot and finish AR Measurement.



6. Take Note w/ AR Measurement







> Take Note

- 1. Tap Text Field.
- Take some notes. Keyboard will show up automatically. You can also use voice record.

Save Note

1. Tap SAVE Button.

7. Output Files



- \succ 3 types of output files are created for each tracking.
 - GeoJSON File & KML File
 - Each tracking record with notes are saved in one GeoJSON File and one KML File.
 - ➤ Tracking is saved as Polyline.
 - Notes are saved as Point.
 - JPG Files
 - > All photos which are taken during the tracking are saved.
- ➤ Naming Rule
 - All file names are following the rule below;
 - GeoJSON: yyyymmddhhmmss-report.json
 - KML: yyyymmddhhmmss-report.kml
 - > JPG: yyyymmddhhmmss-nnn.jpg
- ➢ File Sharing
 - You can share all files above over email and SNS when you tap Stop Button.

8. About FIELDNAUT



FIELDNAUT is a geolocation recording App for field survey, trip and lifestyle. Its name was after astronaut (person who explore in space). You who use **FIELDNAUT** must be ex explorer on the Earth!

FIELDNAUT plots your location on a map by GPS, Camera and text functions of your iOS device. You can compare survey results and a map in real-time. **FIELDNAUT** makes your survey improved drastically.

FIELDNAUT will be useful not only for field survey but also, marketing, daily activities such as jogging, walking, skiing, climbing, etc.

This free version has simple functions, but **Japan Space Systems** will be able to provide customized version for any projects or purposes. For more information, please contact fieldnaut@jspacesystems.or.jp.

Japan Space Systems is an organization for developing Japanese space industry by space system developments, satellite operations, remote sensing data analysis and international cooperation.