



Indoavis AIS GIS V 2.0

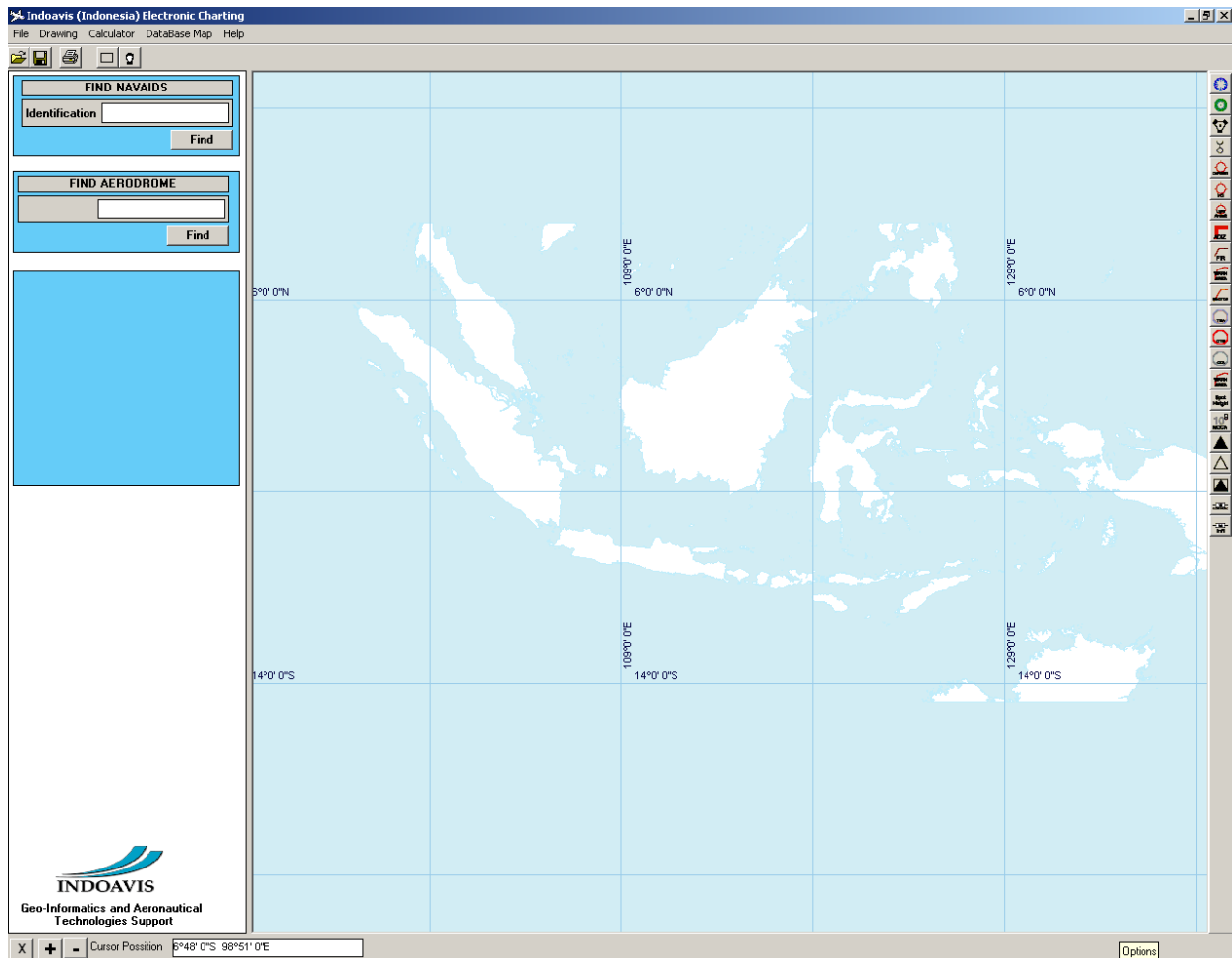


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Basic Screen Elements

The image below is a screenshot of Indoavis Map V 2.0. There are several toolbars available for use. By default, the menus and toolbars will be around the edges of your main screen.

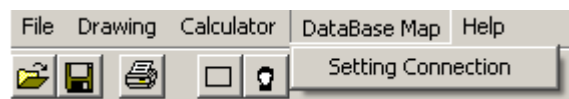
Additionally, if you hover your cursor over the toolbar buttons, you will see popups (called tooltips) which tell you the name of that tool.



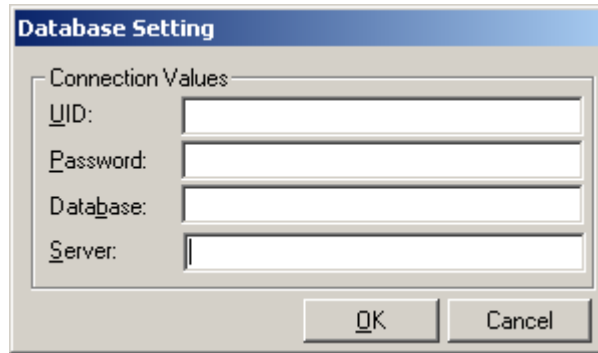
Working with IndoavisMap

Database

Indoavis map use MySQL database server. With IndoavisMap, you can use the main database together as workgroup. Indoavis map also have database setting feature to set where you put your data.



On popup menus choose Database map -> Setting Connection and you will found setting form like a screenshot bellow.

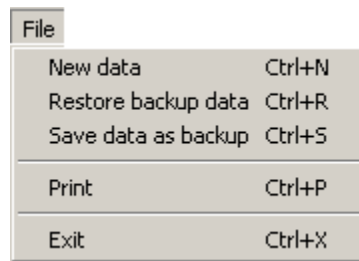


UID is your user name that registered as user database, **Password** is your user password, **Database** is Database name will you use and **Server** is your server name or your server IP address.

Popup Menu


File

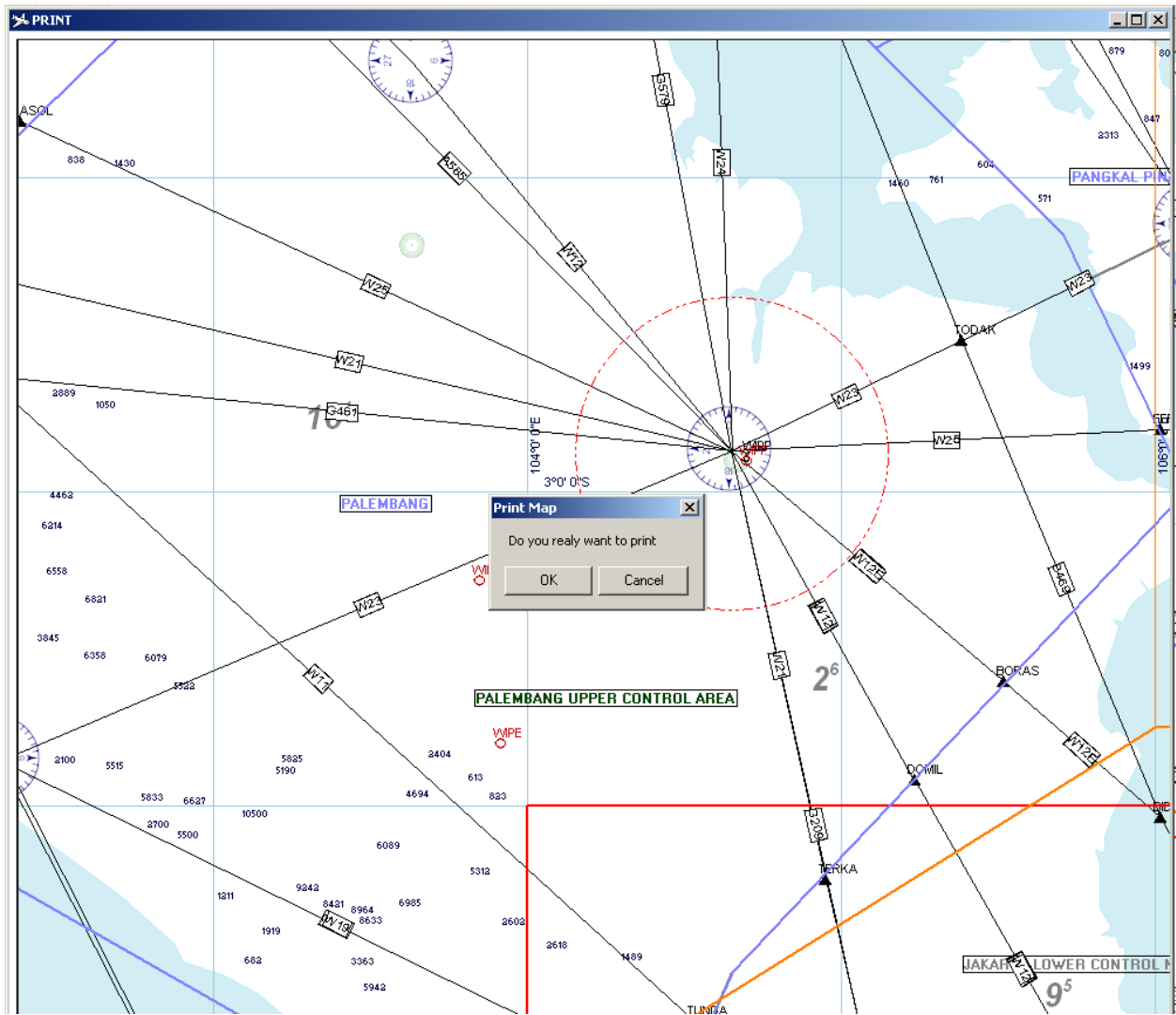
File menu will navigate you to clean, backup, restore your data and print your map displayed.



Your backup data file name will extend with .avis.

If you choose new data , your custom data will delete and if you choose restore, your existing custom data will be replaced with your restored data.

To print your map, choose Print or press CTRL + P or press  button in toolbar, you will found print preview like screenshot bellow. To continue, press OK button, and Cancel to abort.



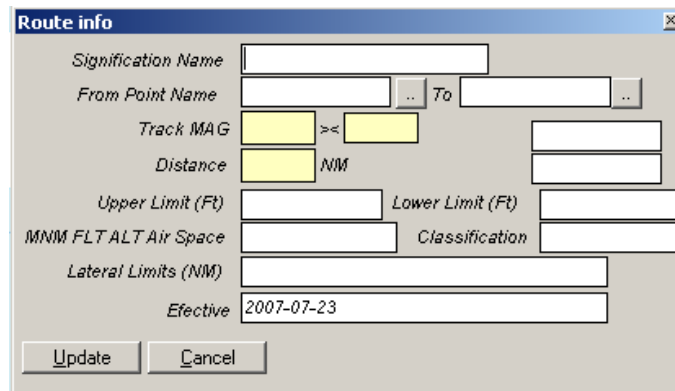
Drawing

Drawing menu will navigate you to create new drawing as a custom data.

Drawing	
EnRoute	Ctrl+E
Circle	Ctrl+C
Point	Ctrl+I
Boundary	Ctrl+B


Create a custom route

Press EnRoute menu to create custom route.



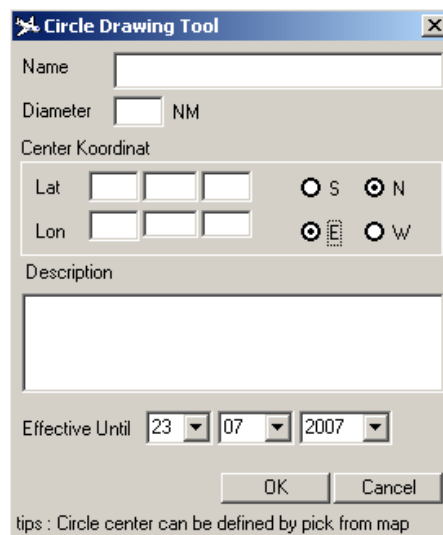
The 'Route info' dialog box contains the following fields and controls:

- Signification Name:
- From Point Name: .. To:
- Track MAG: ><
- Distance: NM
- Upper Limit (Ft): Lower Limit (Ft):
- MNM FLT ALT Air Space: Classification:
- Lateral Limits (NM):
- Effective: 2007-07-23
- Buttons: Update, Cancel

Press  button and route form will disappear, and then click navigation aid point will you use as route reference. And fill form as your route information. Press update.

Create a custom Circle

Press Circle menu to create custom circle.



The 'Circle Drawing Tool' dialog box contains the following fields and controls:

- Name:
- Diameter: NM
- Center Koordinat:
 - Lat: S N
 - Lon: E W
- Description:
- Effective Until: 23 07 2007
- Buttons: OK, Cancel
- tips: Circle center can be defined by pick from map

Fill name text box with your custom circle name and diameter circle will you create in nautical miles. Click your map to put your circle or fill coordinate manually. Fill description and choose effective date. Notice : if you ignore effective date, effective date will use default date.

Press OK.

Create a custom Point

Press Point menu to create custom point.

The screenshot shows a dialog box titled "INFO" with a close button in the top right corner. The dialog contains the following fields and values:

- Group Name:
- Type of Aids And Category:
- Signification Name:
- Frequency:
- Operation Hours:
- Coordinates (lat-lon):
- Elevation:
- Remark:
- Source:
- Effective Date:
- Entry By:
- Entry At:

At the bottom of the dialog, there are three buttons: "Update", "Cancel", and "Delete".

Fill point form and then click your map to put your custom point or fill coordinate textbox manually. Press update.

Create a custom Boudary

Press Boundary menu to create custom boundary

The screenshot shows the 'Indoavis Ploting Chart v.02' dialog box. On the left, there are input fields for 'Lat' and 'Lon', each with three boxes for degrees, minutes, and seconds, and checkboxes for 'S' and 'N' (with 'N' checked) and 'W' and 'E' (with 'E' checked). The main area on the right contains the following fields: 'Air Space Name' (text box), 'Valid Date Until' (date pickers for 2007, 07, 23), 'Time' (time pickers for 00, 00, 00), 'Upper Limit (Ft)' (text box), 'Lower Limit (Ft)' (text box), 'Classification' (text box), 'MNM FLT ALT Air Space' (text box), and 'Lateral Limits (NM)' (a large yellow highlighted area). Below these is a 'Description' text area. At the bottom, there are buttons for 'Add Point', 'Delete', 'OK', and 'Cancel'.

Boundary vertices coordinate can create by click on your map or create manually.

Calculator

The screenshot shows the 'Distance between two point' dialog box. It has two sets of input fields for coordinates, each with three boxes for degrees, minutes, and seconds, and dropdown menus for 'S' and 'E'. Below the first set is a section for 'Output Distance Units' with radio buttons for 'km' (selected), 'mi', and 'naut mi'. To the right is a section for 'Distance Between Locations' with a text box. At the bottom, there are 'Calculate' and 'Close' buttons.

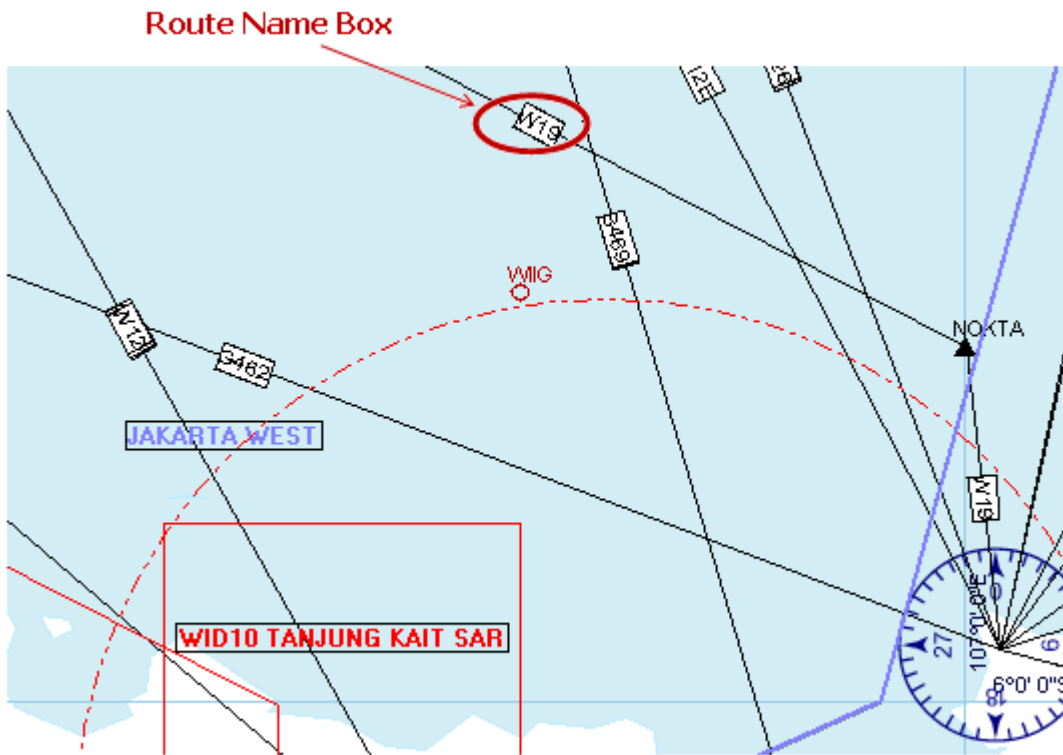
Using calculator, fill coordinates longitude and latitude between two point in degrees – minute – second. Click calculate button or click distance units option to calculate.

Getting Information

All information will be displayed on information board

Getting Information about route

Getting Route information, Click on route name box.



See the information board

W19
From Point : CARLI to NOKTA
Track MAG : 117 >< 297
Distance : 54
Upper Limit (Ft) : FL460
Lower Limit (Ft) : 6000FT
MNM FLT ALT Air : 6000FT
Space :
Classification : A,C
Effective : 2006

The information mean : Route W19 from point CARLI to NOKTA.

CARLI to NOKTA bearing is 117 degrees.

NOKTA to CARLI bearing is 297 degrees.

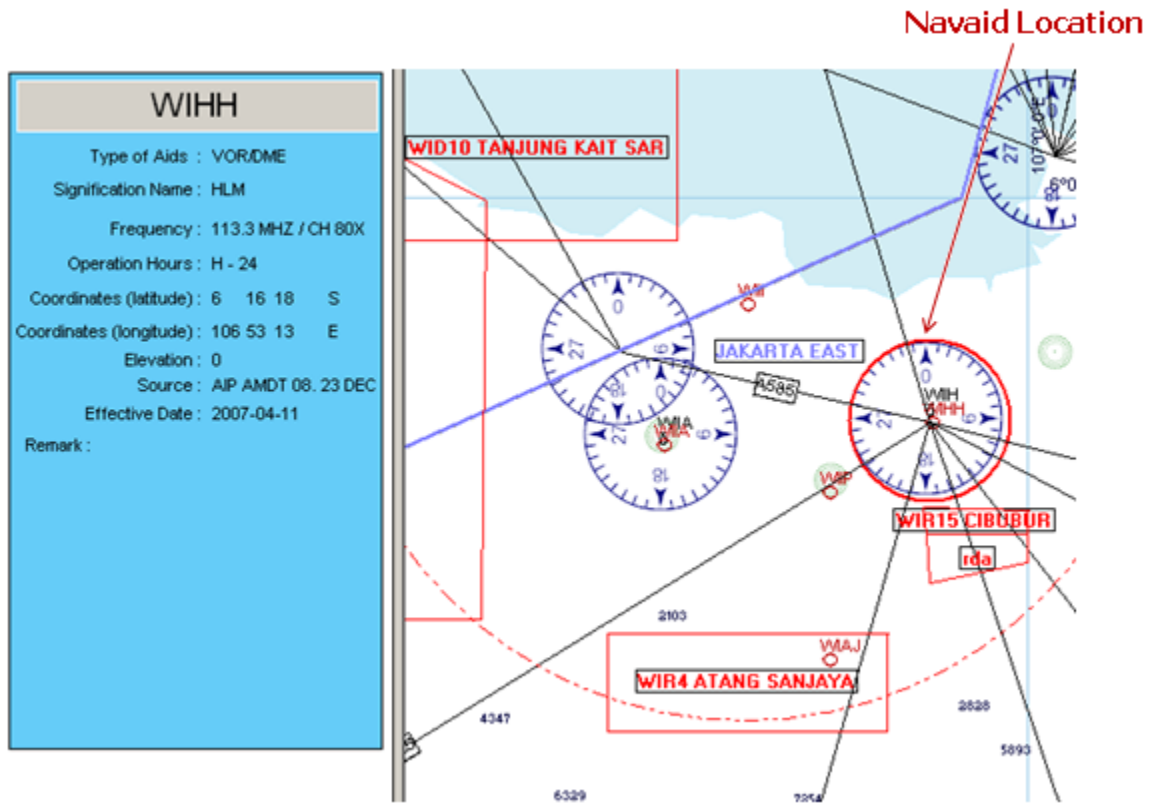
CARLI to NOKTA distance is 54.00 Nautical Miles

Upper limit FL460 and lower limit 6000FT

Trough on AirSpace with Min FLT altitude 600FT, Class A,C. Effectif since 2006.

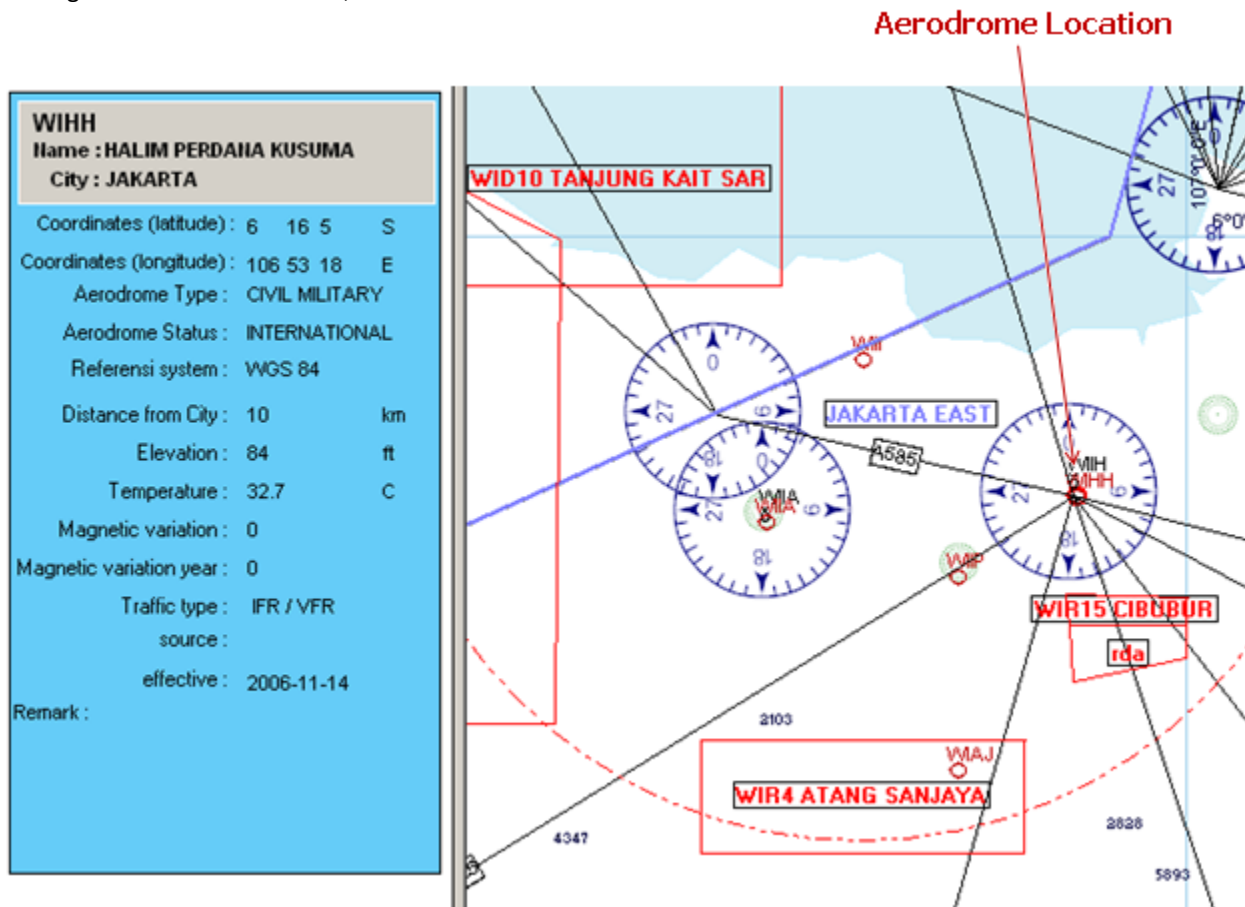
Getting Information about Navaid

Getting Navaid information, Click on Navaid Location.



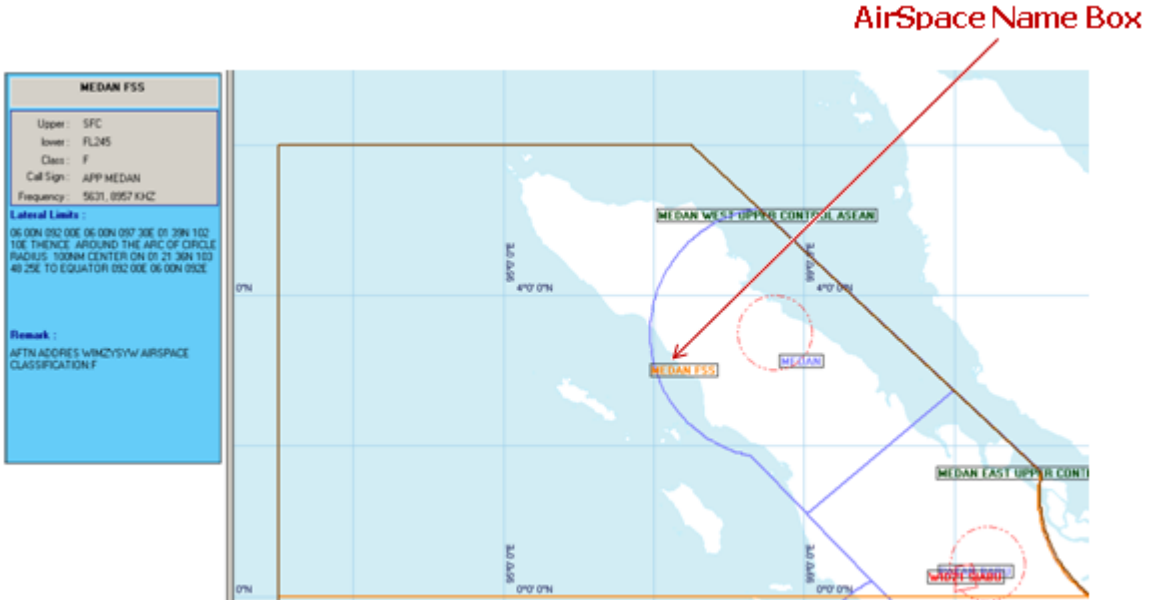
Getting Information about Aerodrome

Getting Aerodrome information, Click on aerodrome Location.



Getting Information about AirSpace

Getting AirSpace information, Click on AirSpace Name box.



Data Editing

The original data not available to be edited. The available editing data just your custom data.









To editing data, get information from your custom data by click to your custom data and then click edit button to show editing form.

Legend

Navigation Aids























	VOR/DME
	NDB
	Compulsory Point
	Non Compulsory Point
	Meteo Compulsory Point
	Aerodrome
	VOR/TACAN
	RADAR

Air Space

 AIR SPACE	Flight Service Sector
 AIR SPACE	Restricted Danger Area
 AIR SPACE	Upper Control Area
 AIR SPACE	Terminal Control Area
 AIR SPACE	Control Area
	Air Defense Information Zone
	Control Zone
	Flight Information Region

Layer

Map layer can be controlled by click layer button at right map area.


	VOR/DME layer control
	NDB layer control
	VOR/TACAN layer control
	RADAR layer control
	Domestic Aerodrome layer control
	International Aerodrome layer control
	Light Air Craft Aerodrome layer control
	ADIZ layer control
	FIR layer control
	Warning Area layer control
	Sector layer control
	Terminal Control Area layer control
	Control Zone layer control
	Control Area layer control
	Upper Control Area layer control
	Spot Height layer control
	Moca layer control
	Compulsory Point layer control
	Non Compulsory Point layer control
	Meteo Compulsory Point layer control
	Domestic Air Ways layer control
	International Air Ways layer control

Display Control

Zoom in

To zoom in, click  button

Zoom Out

To zoom out, click  button


Zoom Rectangle

To zoom rectangle, click  button.
Click map, press left button and drag cursor.

Graber

To grabber map, click  button
Click map, press left button and drag cursor.


Zoom Extent

To zoom in, click  button

Find

Find form located at left of map area.

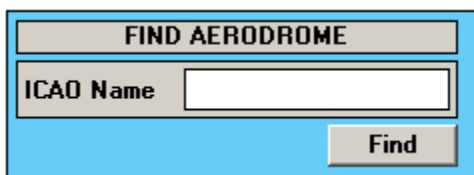
Find Navaid



The image shows a search form titled "FIND NAVAIDS". It contains a text input field labeled "Identification" and a "Find" button.

To find navaid, Fill identification name and press enter button or click find button. It will bring navaid you search to center of map and give you information in information board.

Find Aerodrome



The image shows a search form titled "FIND AERODROME". It contains a text input field labeled "ICAO Name" and a "Find" button.

To find aerodrome, Fill ICAO name and press enter button or click find button. It will bring aerodrome you search to center of map and give you information in information board.

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