



**CellSelect**

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# Operating Manual

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**[Distributor Version]**

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 **JHA** JAPAN HYDROGRAPHIC ASSOCIATION

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## About the software

CellSelect software searches electronic navigation charts (hereinafter called as ENC) using a variety of approaches and creates order files.

- ※ The order files can be used with the Japan Hydrographic Association's "JHA ENC Service" to issue a Cell Permit.
- ※ Except for outputting an order file, any other operation can be returned to the initial stage. The process of operation is not fixed..

## Process of creation order file

### 1. Startup

#### 1.1 Starting CellSelect

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Start the software using any of the methods below.

- Start button → All Programs → "**CellSelect**" → "CellSelect"
- Double-click the "**CellSelect**" icon on the desktop.

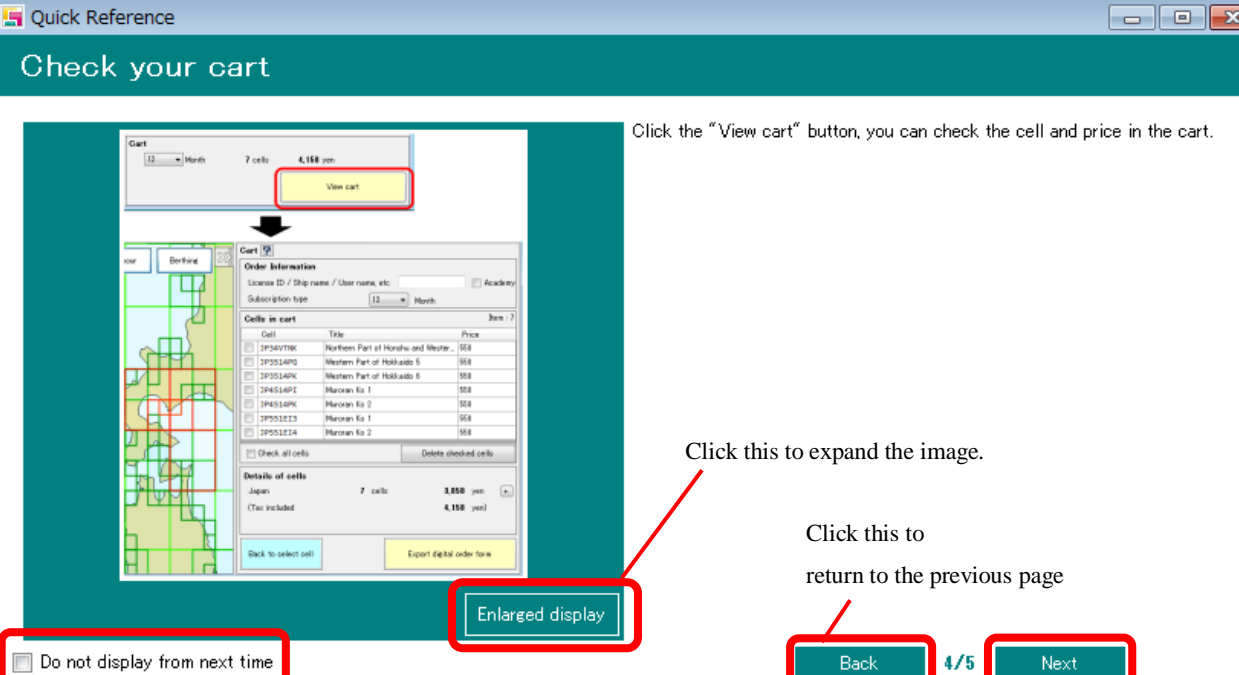


"CellSelect" icon

- ※ If "**Show guide when CellSelect is started**" menu in the settings is checked, "**Quick Reference**" will be displayed when the software is started.  
If it is unchecked, the Quick Reference will not be displayed. Instead, the main screen will be displayed.  
See "1.2 Guide screen" for details.
- ※ If "**Check for update when CellSelect is started**" menu in the settings is checked, online updating will be performed. See "6.1.1 Online update" for details.

## 1.2 Guide screen

When CellSelect is started the guide screen will be displayed.



Quick Reference

### Check your cart

Click the "View cart" button, you can check the cell and price in the cart.

Click this to expand the image.

Click this to return to the previous page

Click this to advance to the next page

Do not display from next time

Enlarged display

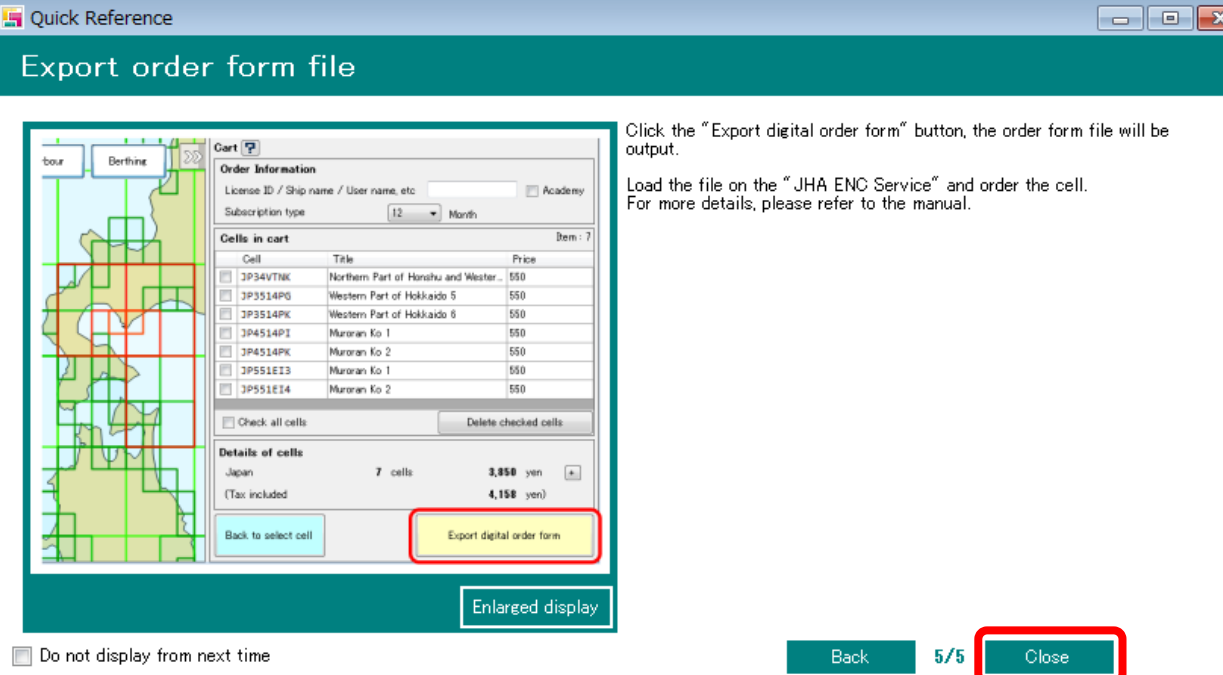
Back 4/5 Next

Export digital order form

If this is checked, the guide screen will not be displayed the next time when CellSelect is started.

Click this to advance to the next page

The last page of the guide



Quick Reference

### Export order form file

Click the "Export digital order form" button, the order form file will be output.

Load the file on the "JHA ENC Service" and order the cell. For more details, please refer to the manual.

Do not display from next time

Enlarged display

Back 5/5 Close

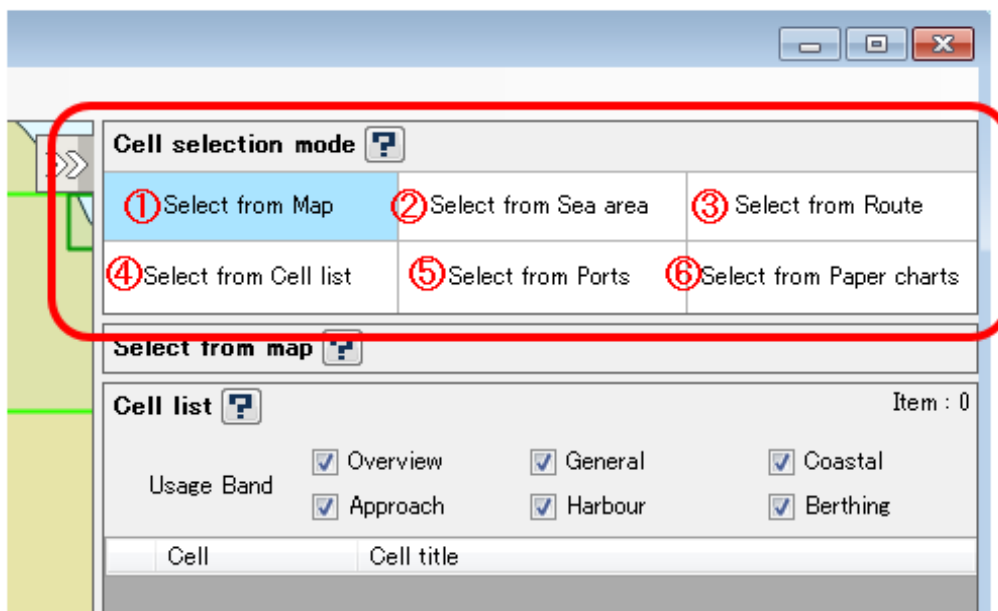
Export digital order form

Click this to close the guide screen and display the main screen.

## 2. Cell selection

### 2.1 Select using the "Cell selection mode"

You can select cells to order using six selection modes.



#### ① Select from Map

Select by clicking a cell displayed on the map.

→ See "2.1.1 Select from Map".

#### ② Select from Sea area

Select cells within the area by dragging it on the map.

→ See "2.1.2 Select from Area".

#### ③ Select from Route

Select cells along the route by plotting it on the map.

→ See "2.1.3 Select from Route".

#### ④ Select from Cell list

Select from the cell list.

→ See "2.1.4 Select from Cell list".

#### ⑤ Select from Ports

Select from the list of ports.

→ See "2.1.5 Select from Ports".

#### ⑥ Select from Paper charts



Select cells from the publication range of a paper chart.

→ See "2.1.6 Select from Paper charts".

**"Select from Map"** mode is selected after startup, so please change the mode that is appropriate for your needs.

### 2.1.1 Select from Map

This mode is used to select order cells from a map.

a. Select mode

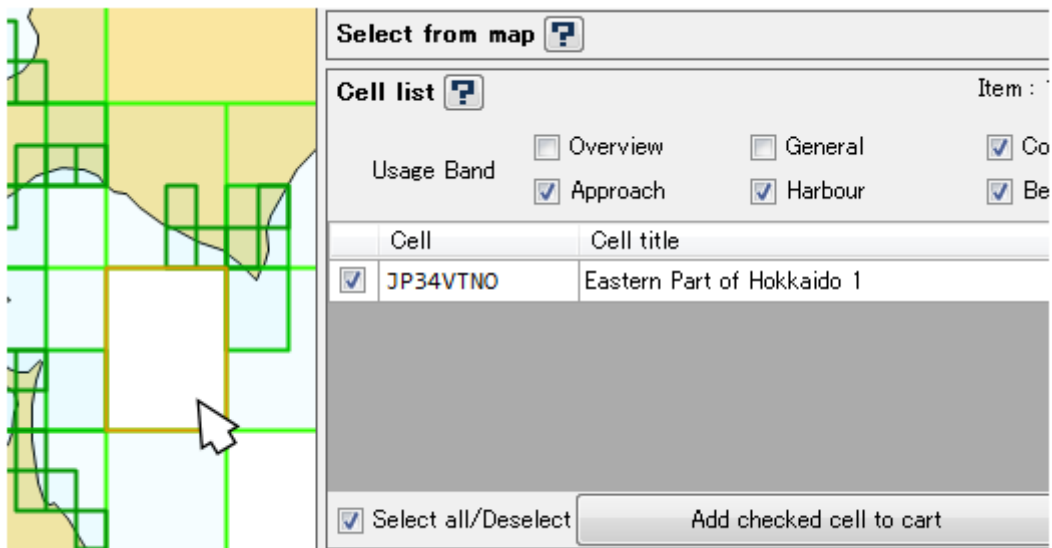
Perform one of the following.

- From the menu bar, select "**Selection Mode**" → "**Select from Map**"
- Click "**Select from Map**" on the Cell selection mode panel

b. Select the cell on the map

Click the cell to order on the map.

Selected cells will be outlined in orange and added to the cell list.

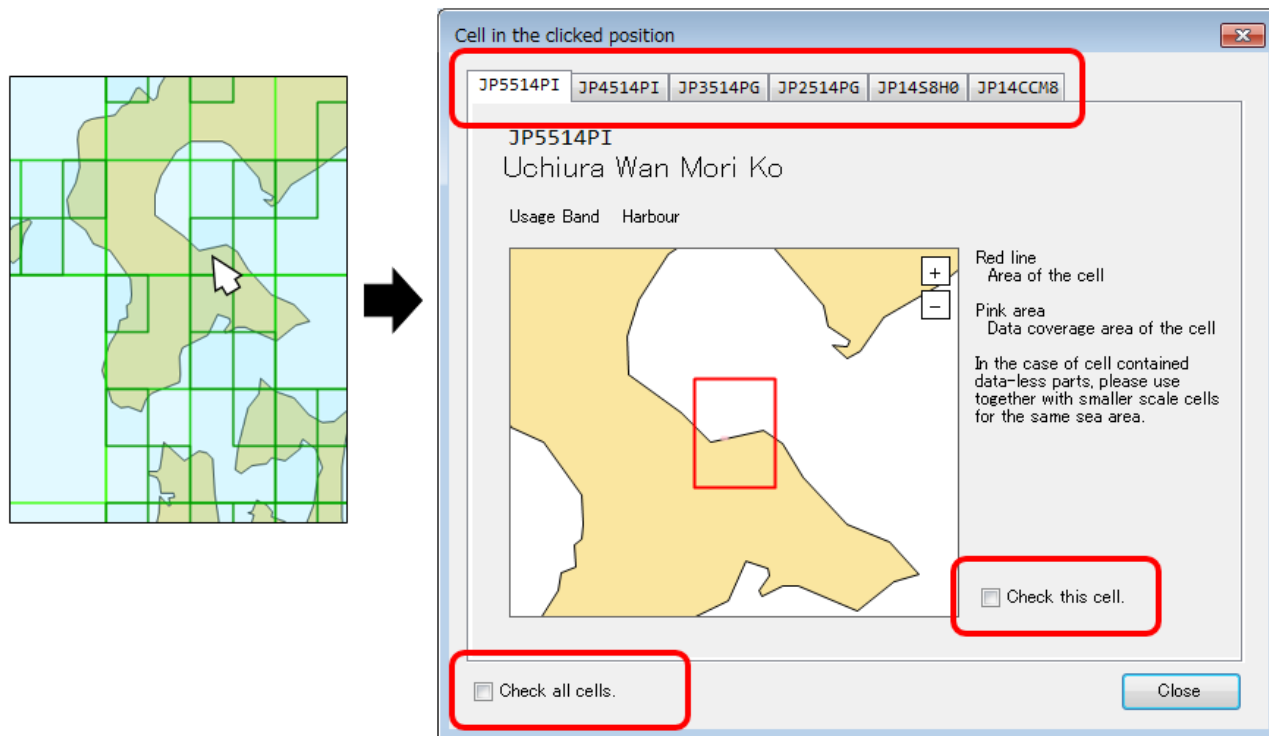


c. Select overlapping cells

If there are multiple cells that correspond to a position clicked on the map, the screen of overlapping cells' information will be displayed.

The overlapping cells will be displayed in the tabs at top.

The cells' positions are displayed on a small map when the tabs at top are clicked.

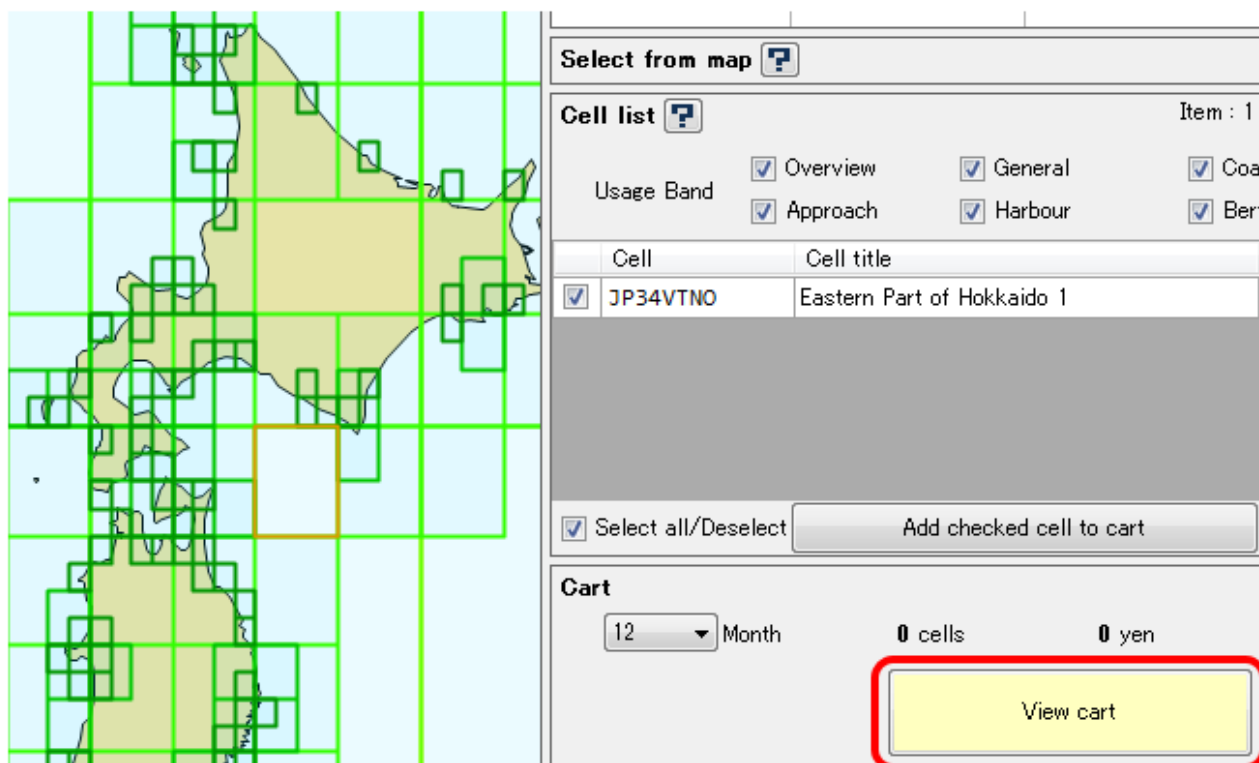


Checking "**Check this cell**" will add the cell which is displayed to the cell list.

Checking "**Check all cells**" will add all the cells in the tabs to the cell list.

d. Place the selected cell(s) in the cart.

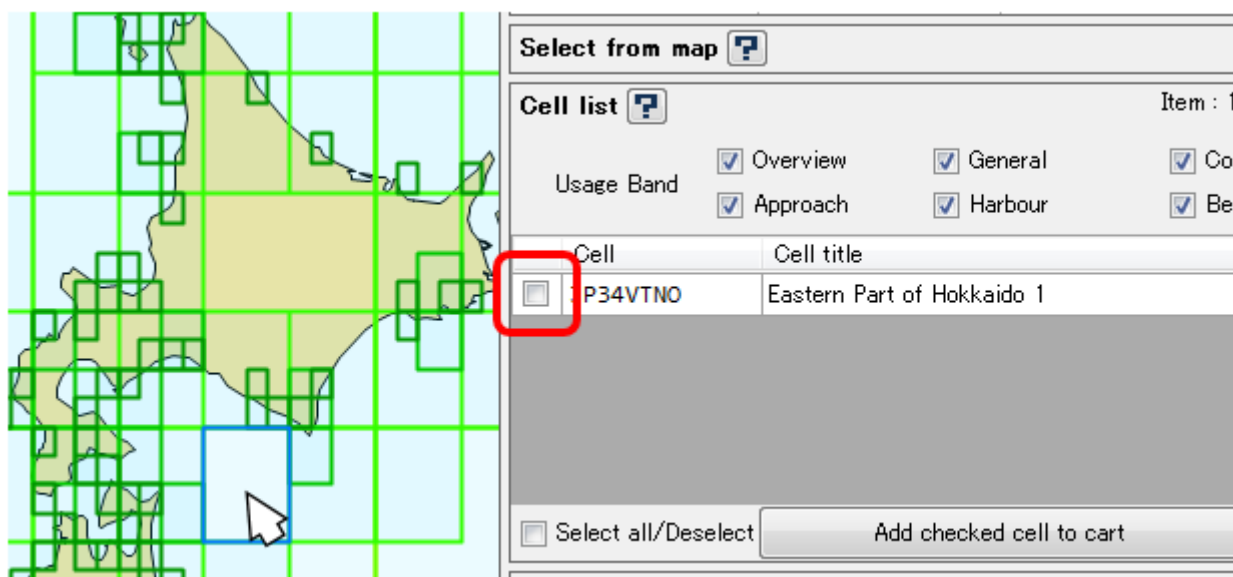
Clicking the "**Add checked cell to cart**" button will add all cells listed in the cell list to the cart.



e. Removing selected cells

To remove a cell which has been selected, click the same cell again, or uncheck the cell in the cell list.

If you wish to remove a cell from the cell list, select the cell and click the "Delete" key.



### 2.1.2 Select from Area

This mode is used to select order cells by drawing an area on a map.

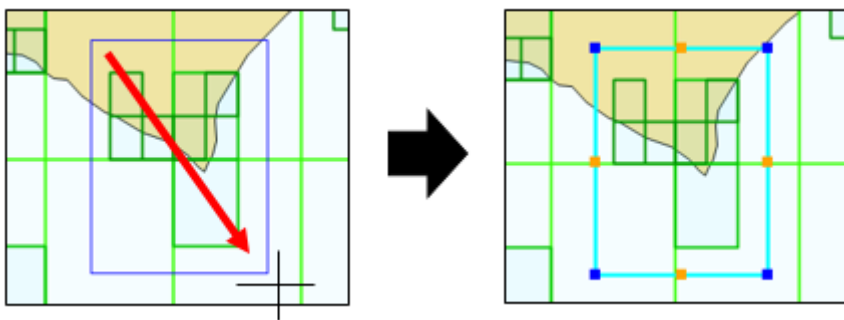
a. Select mode

Perform one of the following.

- From the menu bar, select "**Selection Mode**" → "**Select from Sea area**"
- Click "**Select from Sea area**" on the Cell selection mode panel

b. Draw the area

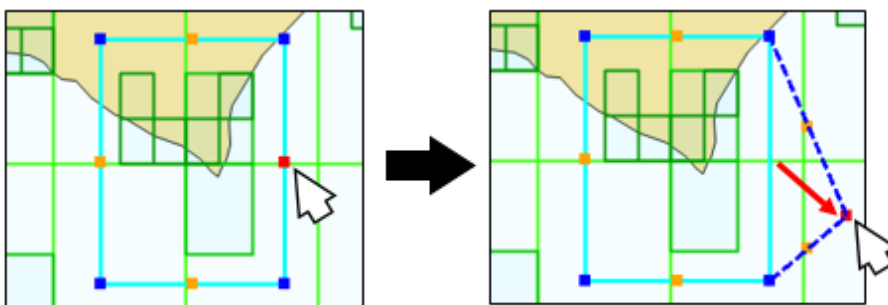
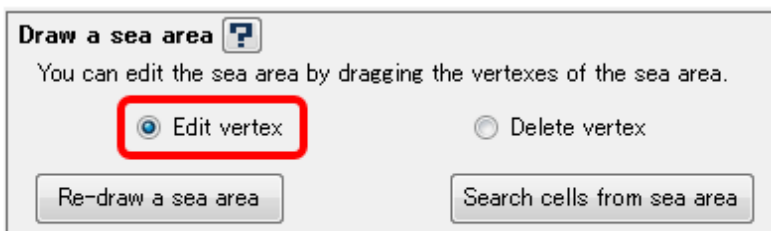
Display the area in which you wish to select cells on the map, left-click, and drag the mouse to draw a rectangle. When you finish dragging, an area will be drawn on the map.



c. Edit the area (1)

When you draw an area, the content displayed on the area creation panel will change.

When the "**Edit vertex**" button is clicked, you can drag the corners or line center points to change the size of the area.



d. Edit the area (2)

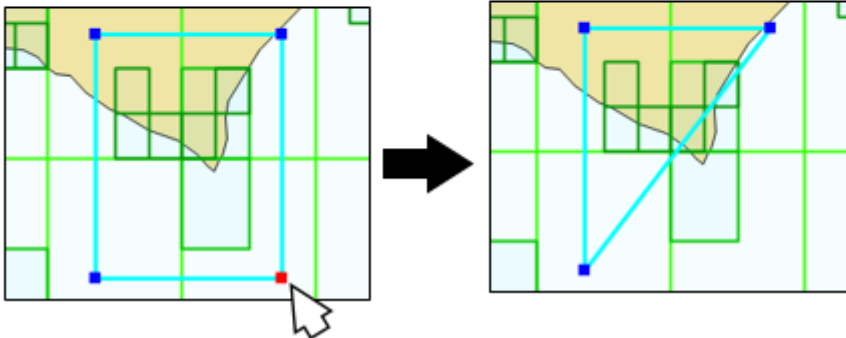
When the **"Delete vertex"** button is clicked you can click on a corner of the area to delete it.

**Draw a sea area** ?

You can delete it by clicking on the vertex of the area.

☐ Edit vertex ☒ **Delete vertex**

Re-draw a sea area Search cells from sea area



e. Search for cells in the area

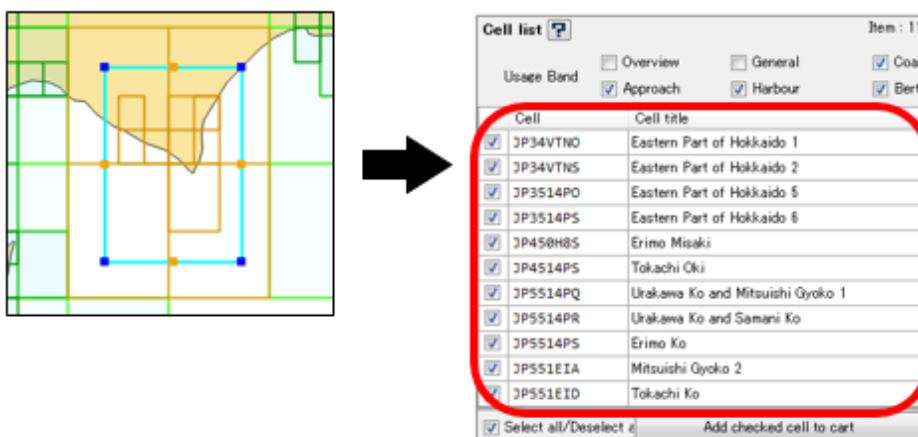
Clicking the **"Search cells from sea area"** button will select all of the cells within the area and display the cell list.

**Draw a sea area** ?

You can edit the sea area by dragging the vertexes of the sea area.

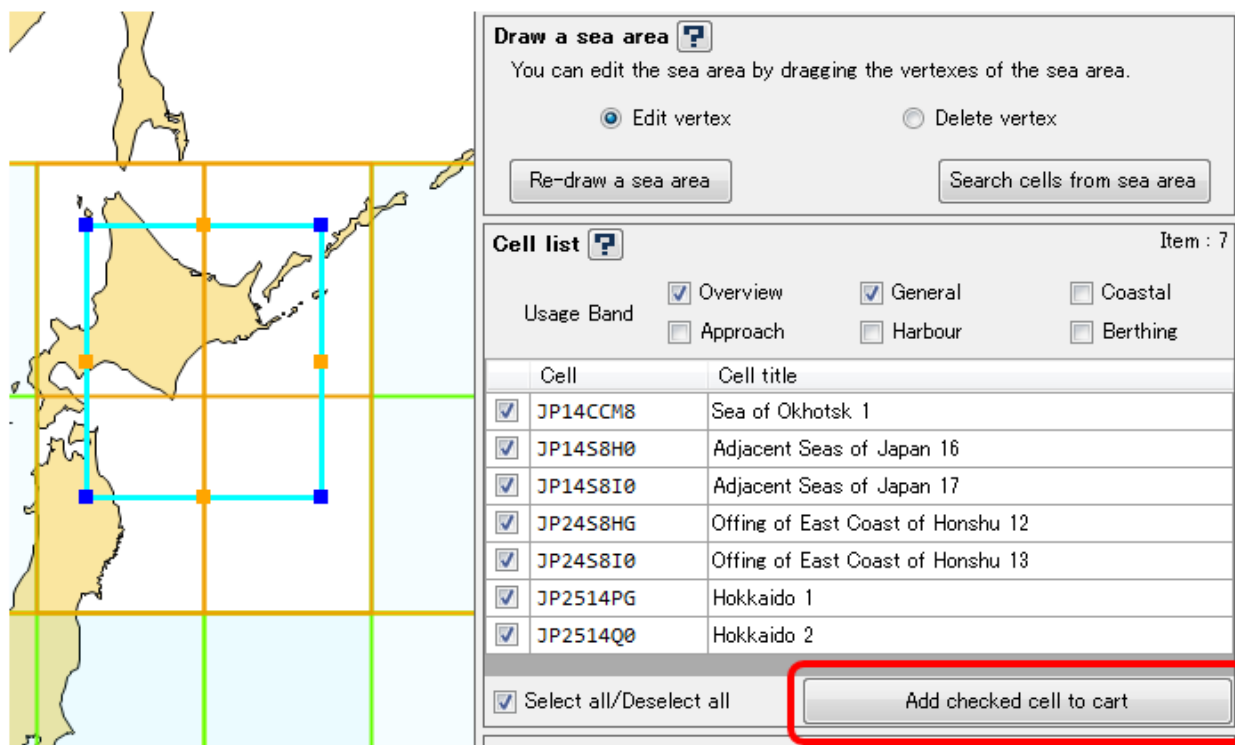
☒ Edit vertex ☐ Delete vertex

Re-draw a sea area **Search cells from sea area**



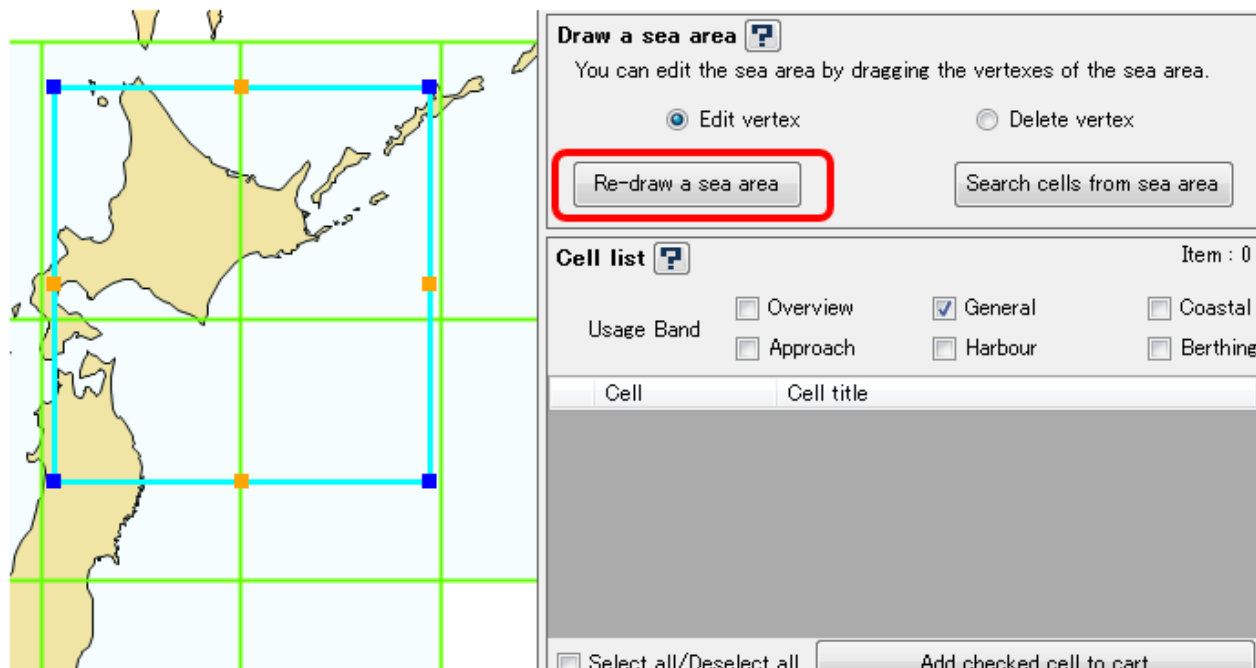
f. Place the selected cell(s) in the cart.

Clicking the **"Add checked cell to cart"** button will add all cells listed in the cell list to the cart.



g. Re-draw the area

Click the **"Re-draw a sea area"** button to delete the drawn area and clear the cell list.



### 2.1.3 Select from Route

This mode is used to select order cells by plotting a route on a map.

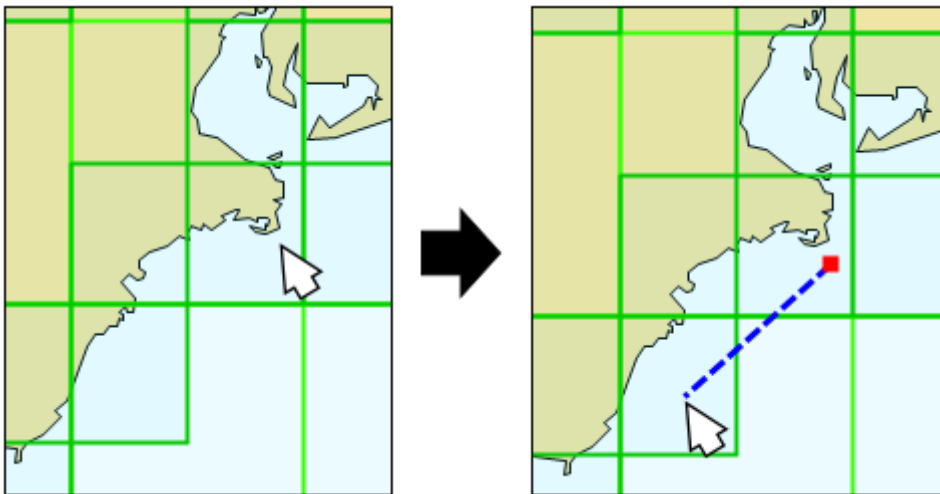
a. Select mode

Perform one of the following.

- From the menu bar, select "**Selection Mode**" → "**Select from Route**"
- Click "**Select from Route**" on the Cell selection mode panel

b. Plot the route

Display the area in which you wish to select cells on the map and left-click the mouse. Left click again to plot a route.



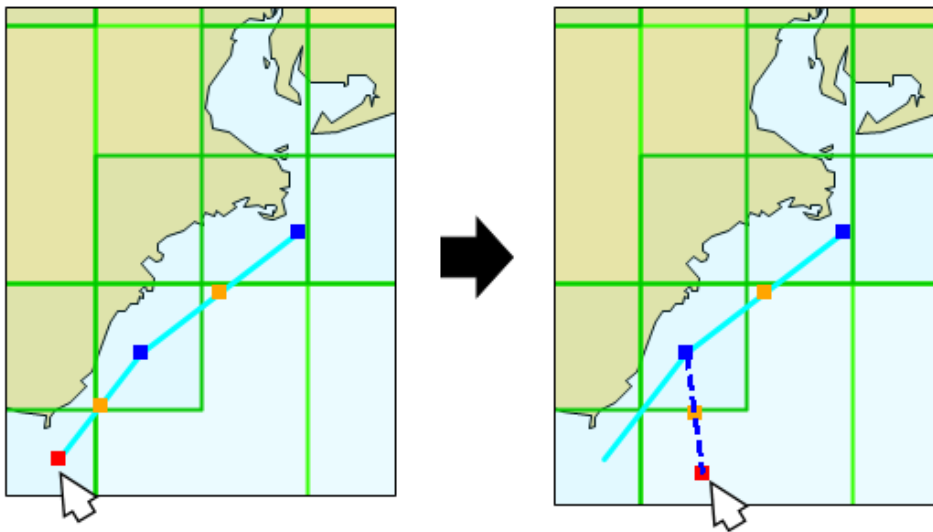
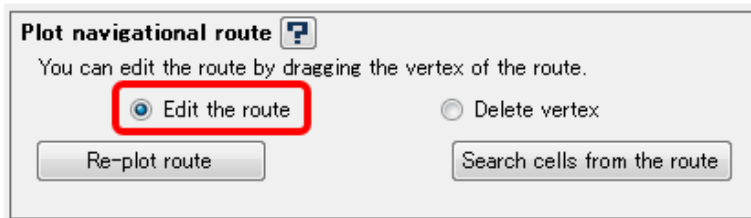
Right-click to complete the route creation process.



c. Edit the route (1)

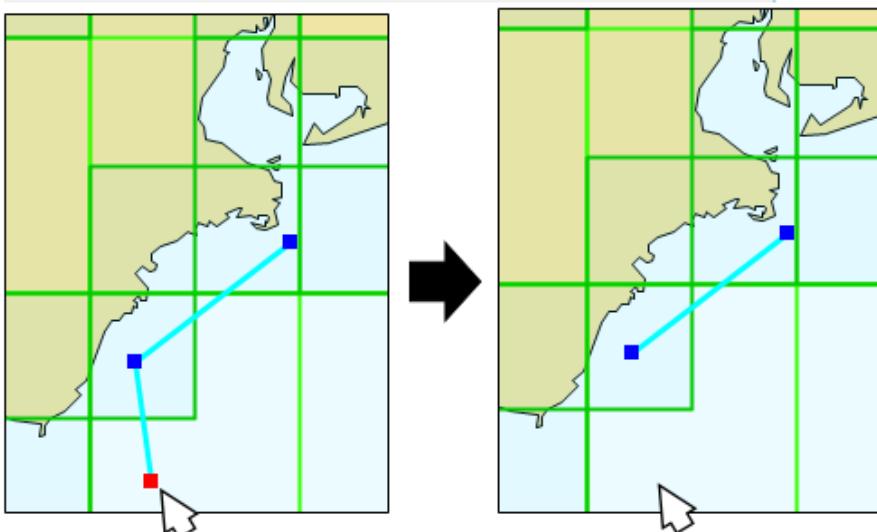
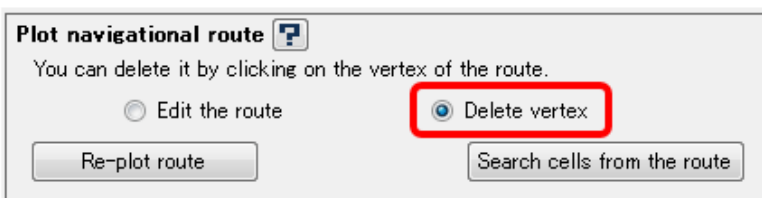
When you draw a route, the content displayed on the route creation panel will change.

When the **"Edit the route"** button is clicked, you can drag the end points or line center points of the route to change the route.



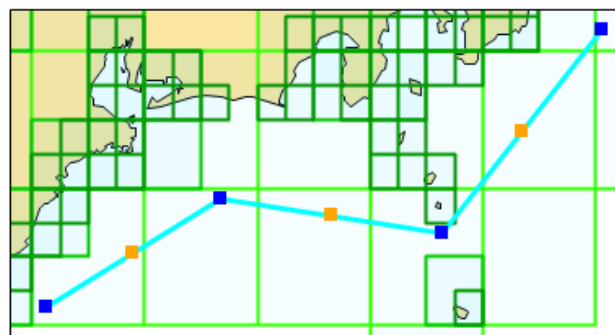
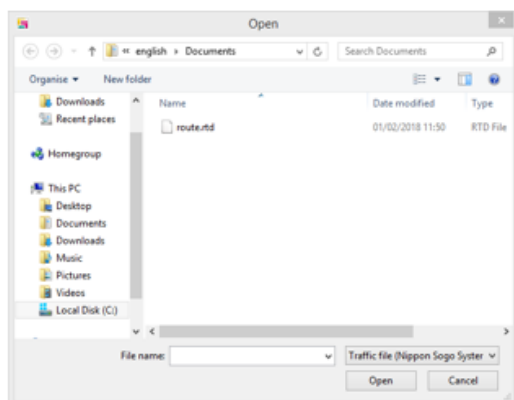
d. Edit the route (2)

When the **"Delete vertex"** button is clicked you can click on a point of the route to delete it.



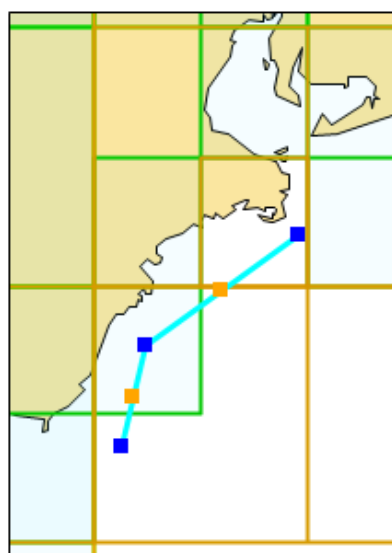
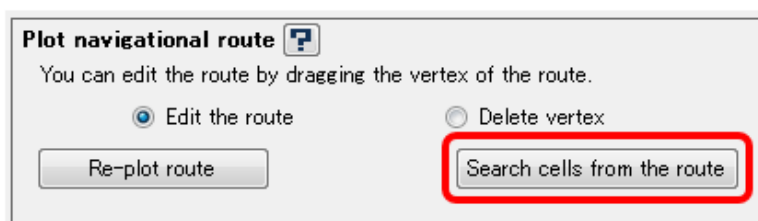
e. Import a route file

Click the **"Import route file"** button and select a file to draw the route on the map.



f. Search for cells from the route

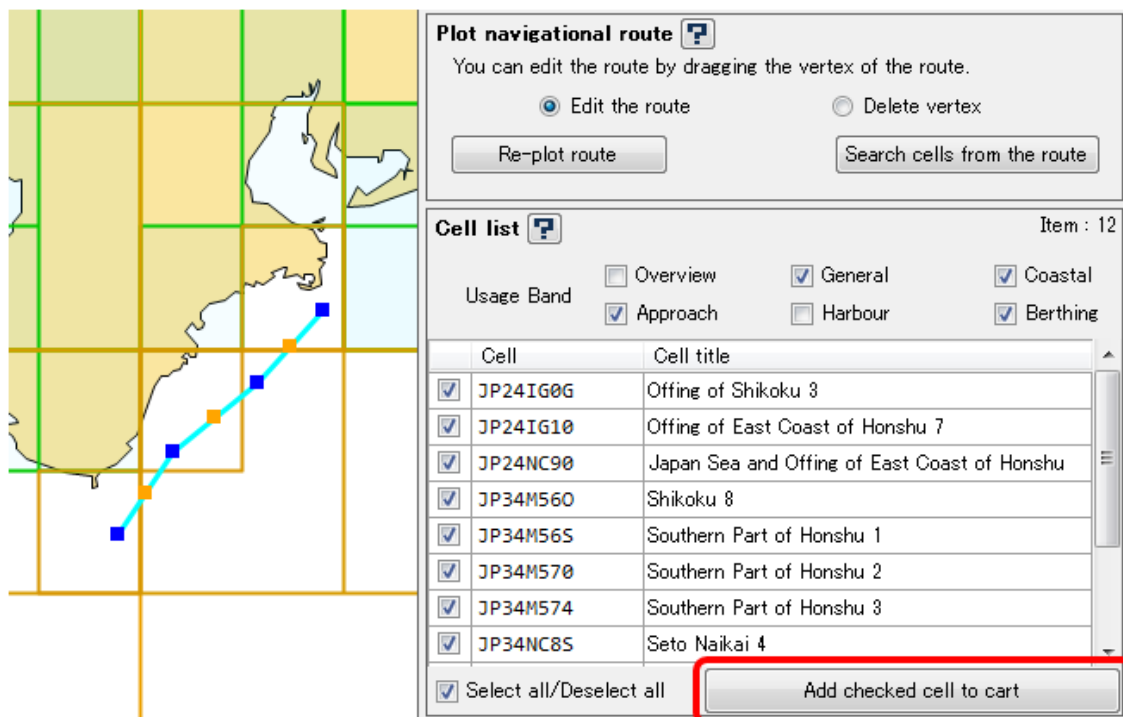
Click the **"Search cells from the route"** button to select the cells on the route and display them in the cell list.



Cell list		Item : 8
Usage Band		<input type="checkbox"/> Overview <input checked="" type="checkbox"/> General <input checked="" type="checkbox"/> Coastal
		<input checked="" type="checkbox"/> Approach <input type="checkbox"/> Harbour <input checked="" type="checkbox"/> Berthing
Cell	Cell title	
<input checked="" type="checkbox"/> JP24IG10	Offing of East Coast of Honshu 7	
<input checked="" type="checkbox"/> JP24NC90	Japan Sea and Offing of East Coast of Honshu	
<input checked="" type="checkbox"/> JP34M565	Southern Part of Honshu 1	
<input checked="" type="checkbox"/> JP34M570	Southern Part of Honshu 2	
<input checked="" type="checkbox"/> JP34M574	Southern Part of Honshu 3	
<input checked="" type="checkbox"/> JP34NC90	Southern Part of Honshu 5	
<input checked="" type="checkbox"/> JP44M000	Kumano Nada 1	
<input checked="" type="checkbox"/> JP44NC92	Ise Wan 1	

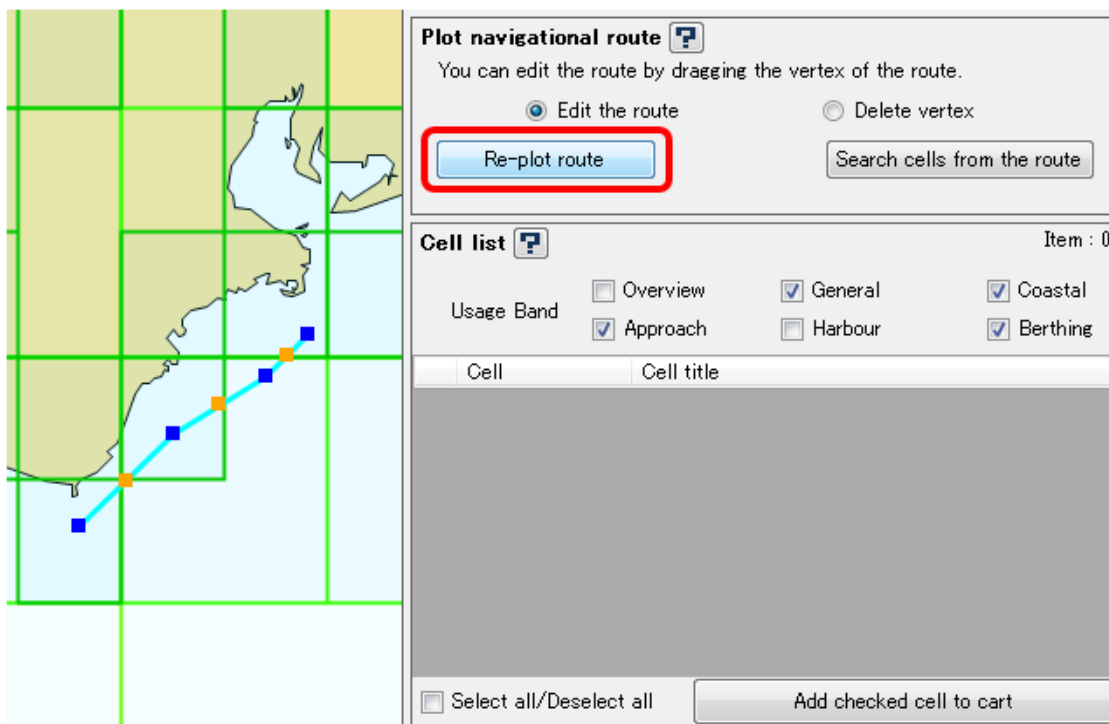
g. Place the selected cell(s) in the cart.

Clicking the "**Add checked cell to cart**" button will add all cells listed in the cell list to the cart.



h. Re-plot the route

Click the "**Re-plot route**" button to delete the route and clear the cell list.



### 2.1.4 Select from Cell list

This mode is used to select order cells from the cell list.

#### a. Select mode

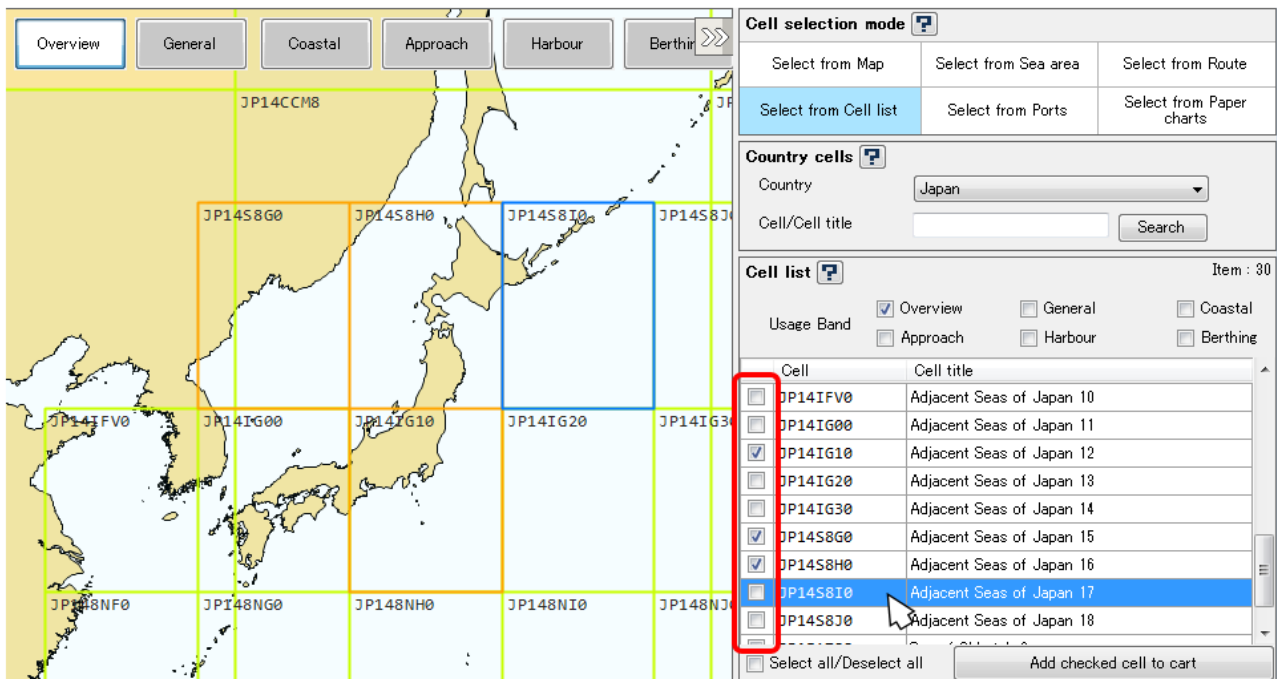
Perform one of the following.

- From the menu bar, select "Selection Mode" → "Select from Cell list"
- Click "Select from Cell list" on the Cell selection mode panel

#### b. Select from the Cell list

When a cell is selected on the cell list, the cell will be indicated in blue on the map.

Checking a cell to order will be indicated in orange on the map.



c. Narrowing down the cell list

Select the country in "Country".

**Country cells** ?

Country Japan  
Japan  
Singapore  
Malacca & Singapore straits

Cell/Cell title

Enter the partial cell No. or names in "Cell/Cell title" and click the "Search" button to narrow down the cell list.

**Country cells** ?

Country Japan

Cell/Cell title Seto x Search



**Cell list** ? Item : 24

Usage Band ☒ Overview ☒ General ☒ Coastal  
☒ Approach ☒ Harbour ☒ Berthing

Cell	Cell title
<input type="checkbox"/> JP34NC8G	Seto Naikai 1
<input type="checkbox"/> JP34NC8K	Seto Naikai 2
<input type="checkbox"/> JP34NC8O	Seto Naikai 3
<input type="checkbox"/> JP34NC8S	Seto Naikai 4
<input type="checkbox"/> JP44LHL6	Hirado Seto to Nomo Saki 1

Select "Usage Band" to narrow down cells by level.

**Cell list** ? Item : 4

Usage Band ☐ Overview ☐ General ☒ Coastal  
☐ Approach ☐ Harbour ☐ Berthing

Cell	Cell title
<input type="checkbox"/> JP34NC8G	Seto Naikai 1
<input type="checkbox"/> JP34NC8K	Seto Naikai 2
<input type="checkbox"/> JP34NC8O	Seto Naikai 3
<input type="checkbox"/> JP34NC8S	Seto Naikai 4

d. Place the selected cell(s) in the cart.

Clicking the **"Add checked cell to cart"** button will add all cells listed in the cell list to the cart.

The screenshot displays the CellSelect software interface. On the left, a map of Japan is shown with a grid overlay. The grid cells are labeled with identifiers such as JP14CCM8, JP14S8G0, JP14S8H0, JP14S8I0, JP14S8J0, JP14IFV0, JP14IG00, JP14IG10, JP14IG20, JP14IG30, JP148NF0, JP148NG0, JP148NH0, JP148NI0, and JP148NJ0. The 'Overview' tab is selected in the top navigation bar.

On the right, the 'Cell selection mode' panel is visible, showing options to 'Select from Map', 'Select from Sea area', 'Select from Route', 'Select from Cell list', 'Select from Ports', and 'Select from Paper charts'. The 'Country cells' section shows 'Japan' selected in the 'Country' dropdown. The 'Cell list' section shows a list of cells with checkboxes and their titles. The 'Add checked cell to cart' button is highlighted with a red rectangle.

Cell	Cell title
<input type="checkbox"/> JP14IFV0	Adjacent Seas of Japan 10
<input type="checkbox"/> JP14IG00	Adjacent Seas of Japan 11
<input checked="" type="checkbox"/> JP14IG10	Adjacent Seas of Japan 12
<input type="checkbox"/> JP14IG20	Adjacent Seas of Japan 13
<input type="checkbox"/> JP14IG30	Adjacent Seas of Japan 14
<input checked="" type="checkbox"/> JP14S8G0	Adjacent Seas of Japan 15
<input checked="" type="checkbox"/> JP14S8H0	Adjacent Seas of Japan 16
<input checked="" type="checkbox"/> JP14S8I0	Adjacent Seas of Japan 17
<input type="checkbox"/> JP14S8J0	Adjacent Seas of Japan 18

Item : 30

Usage Band: ☒ Overview ☐ General ☐ Coastal ☐ Approach ☐ Harbour ☐ Berthing

Select all/Deselect all **Add checked cell to cart**

### 2.1.5 Select from Ports

This mode is used to select order cells by selecting a port from the list of ports and selecting cells near the port.

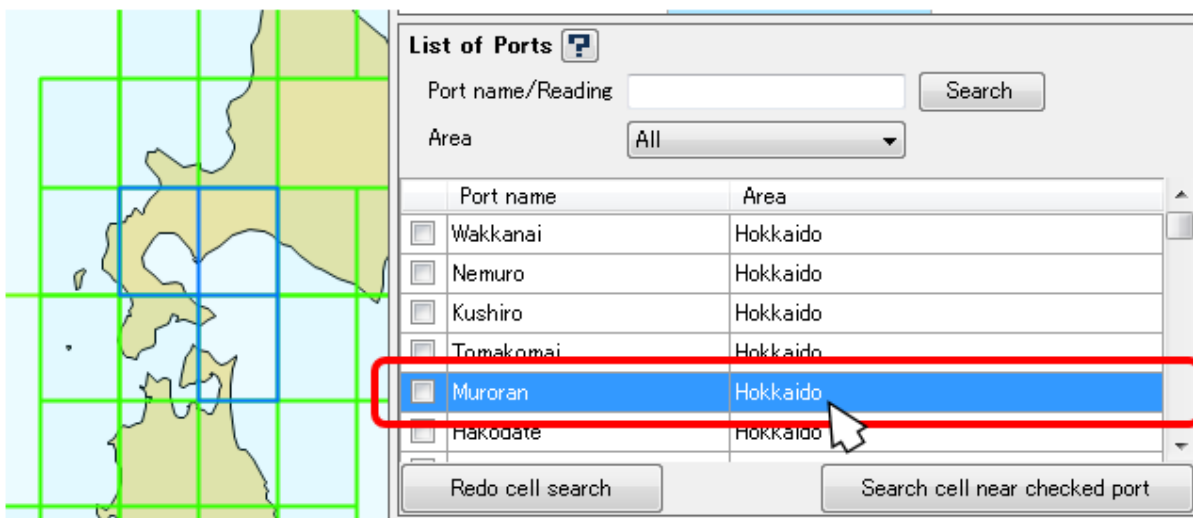
a. Select mode

Perform one of the following.

- From the menu bar, select "**Selection Mode**" → "**Select from Ports**"
- Click "**Select from Ports**" on the Cell selection mode panel

b. Select from Ports (1)

Select the port for which you wish to use ENC from the list of ports. The cells around that port will be indicated in blue on the map.



c. Select from ports(2)

Check the port you desire and click the "**Search cell near checked port**" button. The cells around that port will be displayed in the cell list.

Multiple ports may also be selected.

Port name	Area
<input type="checkbox"/> Tomakomai	Hokkaido
<input checked="" type="checkbox"/> Muroran	Hokkaido
<input type="checkbox"/> Hakodate	Hokkaido
<input type="checkbox"/> Otaru	Hokkaido
<input type="checkbox"/> Rumoi	Hokkaido
<input type="checkbox"/> Aomori	Tohoku
<input type="checkbox"/> Mutsu-Ogawara	Tohoku
<input checked="" type="checkbox"/> Wachihohe	Tohoku
<input type="checkbox"/> Kamaichi	Tohoku

Redo cell search      Search cell near checked port



Cell list ?      Item : 11

Usage Band    ☒ Overview    ☒ General    ☒ Coastal  
☒ Approach    ☒ Harbour    ☒ Berthing

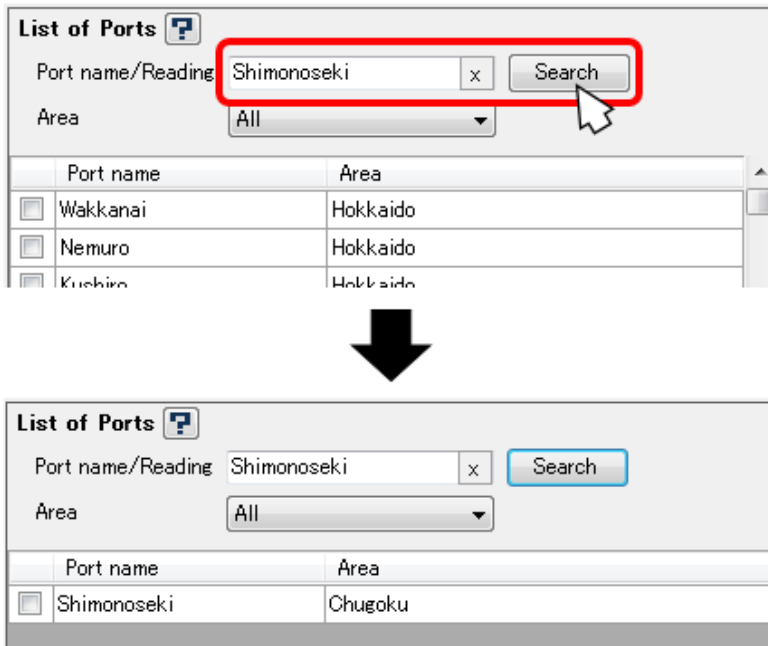
Cell	Cell title
<input checked="" type="checkbox"/> JP34UMLK	Eastern Part of Honshu 16
<input checked="" type="checkbox"/> JP34UMLO	Eastern Part of Honshu 17
<input checked="" type="checkbox"/> JP34VTNK	Northern Part of Honshu and Western Part of Hokka...
<input checked="" type="checkbox"/> JP3514PG	Western Part of Hokkaido 5

☐ Select all/Deselect all      Add checked cell to cart



d. Narrow down the port name list (1)

Enter the port name you wish to search for in the "**Port name/Reading**" text box and click the "**Search**" button.  
The corresponding port names will be displayed in the list of ports.



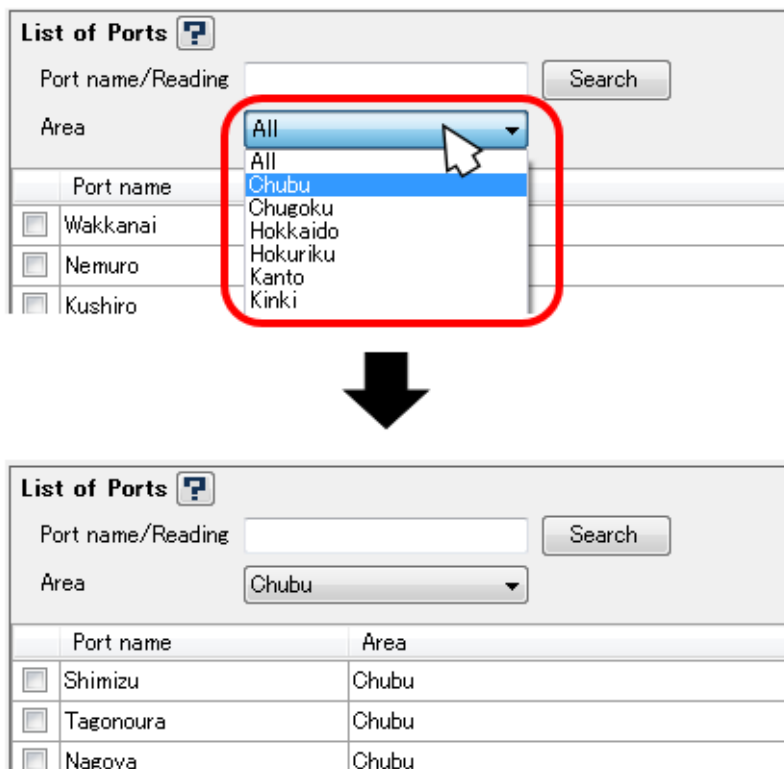
The screenshot shows the 'List of Ports' window. The 'Port name/Reading' text box contains 'Shimonoseki' and the 'Search' button is highlighted with a red rectangle and a mouse cursor. The 'Area' dropdown menu is set to 'All'. Below the search fields is a table with two columns: 'Port name' and 'Area'.

Port name	Area
<input type="checkbox"/> Wakkanai	Hokkaido
<input type="checkbox"/> Nemuro	Hokkaido
<input type="checkbox"/> Kushiro	Hokkaido

A large black arrow points down to the next screenshot, which shows the result of the search: only 'Shimonoseki' from Chugoku is displayed in the table.

e. Narrow down the port name list (2)

Select the area you wish to display from "**Area**". The port names in that area will be displayed in the list of ports.



The screenshot shows the 'List of Ports' window. The 'Area' dropdown menu is open, showing a list of areas: 'All', 'All', 'Chubu', 'Chugoku', 'Hokkaido', 'Hokuriku', 'Kanto', and 'Kinki'. The 'Chubu' option is highlighted with a blue background and a mouse cursor. A red rectangle highlights the dropdown menu. Below the search fields is a table with two columns: 'Port name' and 'Area'.

Port name	Area
<input type="checkbox"/> Wakkanai	
<input type="checkbox"/> Nemuro	
<input type="checkbox"/> Kushiro	

A large black arrow points down to the next screenshot, which shows the result of selecting 'Chubu': the table now displays 'Shimizu', 'Tagonoura', and 'Nagoya' from Chubu.

f. Place the selected cell(s) in the cart.

Clicking the **"Add checked cell to cart"** button will add all cells listed in the cell list to the cart.

List of Ports ?

Port name/Reading

Area

All

	Port name	Area
<input type="checkbox"/>	Wakkanai	Hokkaido
<input type="checkbox"/>	Nemuro	Hokkaido
<input checked="" type="checkbox"/>	Kushiro	Hokkaido
<input type="checkbox"/>	Tomakomai	Hokkaido
<input type="checkbox"/>	Muroran	Hokkaido

Cell list ?

Item : 6

Usage Band

☒ Overview
☒ General
☒ Coastal
☒ Approach
☒ Harbour
☒ Berthing

Cell	Cell title
<input checked="" type="checkbox"/> JP3514PS	Eastern Part of Hokkaido 6
<input checked="" type="checkbox"/> JP3514Q0	Eastern Part of Hokkaido 7
<input checked="" type="checkbox"/> JP3514Q4	Eastern Part of Hokkaido 8
<input checked="" type="checkbox"/> JP352BS0	Eastern Part of Hokkaido 10
<input checked="" type="checkbox"/> JP55223H	Kushiro Ko 1
<input checked="" type="checkbox"/> JP552BS1	Kushiro Ko 2

☒ Select all/Deselect all

g. Search again by port name

Click the **"Redo cell search"** button to clear the cell list.

**List of Ports** ⓘ

Port name/Reading  Search

Area

Port name	Area
<input type="checkbox"/> Wakkanai	Hokkaido
<input type="checkbox"/> Nemuro	Hokkaido
<input checked="" type="checkbox"/> Kushiro	Hokkaido
<input type="checkbox"/> Tomakomai	Hokkaido
<input type="checkbox"/> Muroran	Hokkaido

**Redo cell search** **Search cell near checked port**

**Cell list** ⓘ Item : 6

Usage Band ☒ Overview ☒ General ☒ Coastal ☒ Approach ☒ Harbour ☒ Berthing

Cell	Cell title
<input checked="" type="checkbox"/> JP3514PS	Eastern Part of Hokkaido 6
<input checked="" type="checkbox"/> JP3514Q0	Eastern Part of Hokkaido 7
<input checked="" type="checkbox"/> JP3514Q4	Eastern Part of Hokkaido 8
<input checked="" type="checkbox"/> JP352BS0	Eastern Part of Hokkaido 10
<input checked="" type="checkbox"/> JP55223H	Kushiro Ko 1
<input checked="" type="checkbox"/> JP552BS1	Kushiro Ko 2

☒ Select all/Deselect all **Add checked cell to cart**



**List of Ports** ⓘ

Port name/Reading  Search

Area

Port name	Area
<input type="checkbox"/> Wakkanai	Hokkaido
<input type="checkbox"/> Nemuro	Hokkaido
<input type="checkbox"/> Kushiro	Hokkaido
<input type="checkbox"/> Tomakomai	Hokkaido
<input type="checkbox"/> Muroran	Hokkaido

**Redo cell search** **Search cell near checked port**

**Cell list** ⓘ Item : 0

Usage Band ☒ Overview ☒ General ☒ Coastal ☒ Approach ☒ Harbour ☒ Berthing

Cell	Cell title

☐ Select all/Deselect all **Add checked cell to cart**

### 2.1.6 Select from Paper charts

This mode is used to select order cells by selecting a paper chart from the list of Paper charts and selecting order cells from the publication range of the paper chart.

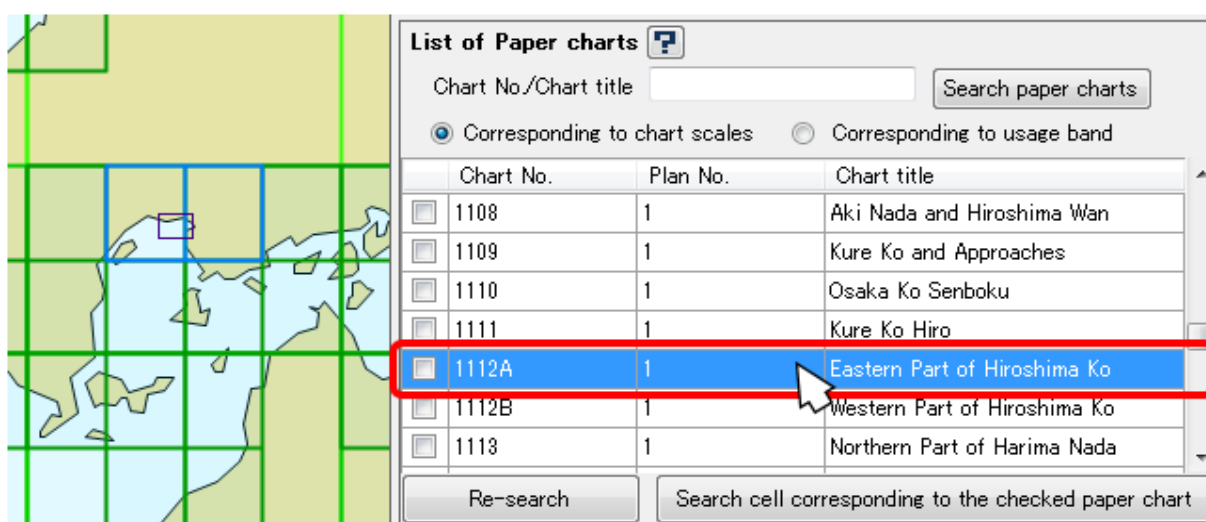
#### a. Select mode

Perform one of the following.

- From the menu bar, select "Selection Mode" → "Select from Paper charts"
- Click "Select from Paper charts" on the Cell selection mode panel

#### b. Select from Paper charts(1)

When a paper chart is selected from the list, all cells corresponding to the paper chart's publication range will be indicated in blue.



c. Select from Paper charts(2)

Check the chart and click the **"Search cell corresponding to the checked paper chart"** button. The corresponding cells will be displayed in the cell list.

Multiple paper charts can also be searched.

**List of Paper charts** ?

Chart No./Chart title

☒ Corresponding to chart scales ☐ Corresponding to usage band

	Chart No.	Plan No.	Chart title
<input type="checkbox"/>	1108	1	Aki Nada and Hiroshima Wan
<input checked="" type="checkbox"/>	1109	1	Kure Ko and Approaches
<input checked="" type="checkbox"/>	1110	1	Osaka Ko Senboku
<input type="checkbox"/>	1111	1	Kure Ko Hiro
<input checked="" type="checkbox"/>	1112A	1	Eastern Part of Hiroshima Ko
<input type="checkbox"/>	1112B	1	Western Part of Hiroshima Ko
<input type="checkbox"/>	1113	1	Northern Part of Harima Nada



**Cell list** ? Item : 5

Usage Band ☐ Overview ☒ General ☒ Coastal  
☒ Approach ☒ Harbour ☒ Berthing

	Cell	Cell title
<input checked="" type="checkbox"/>	JP54NC8H	Iwakuni Ko 2
<input checked="" type="checkbox"/>	JP54NC8I	Kure Ko
<input checked="" type="checkbox"/>	JP54NM11	Iwakuni Ko and Hiroshima Ko
<input checked="" type="checkbox"/>	JP54NM12	Hiroshima Ko and Kure Ko
<input checked="" type="checkbox"/>	JP54NVPT	Kobe Ko and Amagasaki Nishinomiya Ashiya Ko and Osa...

☒ Select all/Deselect all

d. Narrow down paper charts (1)

Enter the partial chart No. or chart title you wish to search for in the "**Chart No./Chart title**" text box and click the "**Search paper charts**" button. The corresponding paper charts will be displayed in the "**List of Paper charts**".

**List of Paper charts** ?

Chart No./Chart title: Oita x Search paper charts

☒ Corresponding to chart scales ☐ Corresponding to usage band

	Chart No.	Plan No.	Chart title
<input type="checkbox"/>	3	1	Hokkaido and Approaches
<input type="checkbox"/>	5	1	Otaru Ko
<input type="checkbox"/>	6	1	Hakodate Ko



**List of Paper charts** ?

Chart No./Chart title: Oita x Search paper charts

☒ Corresponding to chart scales ☐ Corresponding to usage band

	Chart No.	Plan No.	Chart title
<input type="checkbox"/>	1247A	1	Eastern Part of Oita Ko
<input type="checkbox"/>	1247B	1	Western Part of Oita Ko

e. Narrow down paper charts (2)

When the performing a search with "**Corresponding to chart scales**" selected, the cells with usage bands that match the scale of the paper chart will be displayed in the cell list.

When the performing a search with "**Corresponding to usage band**" selected, the cells within the publication range of the paper chart will be displayed in the cell list.

The usage bands of the displayed cells can be narrowed down using the checkboxes on the cell list.

**List of Paper charts** ?

Chart No./Chart title  Search paper charts

☒ Corresponding to chart scales ☐ Corresponding to usage band

	Chart No.	Plan No.	Chart title
<input type="checkbox"/>	3	1	Hokkaido and Approaches
<input type="checkbox"/>	5	1	Otaru Ko
<input type="checkbox"/>	6	1	Hakodate Ko
<input type="checkbox"/>	7	1	Ishikariwan Ko
<input type="checkbox"/>	8	1	Goyomai Suido
<input type="checkbox"/>	9	1	Hakodate Wan and Approaches

Re-search Search cell corresponding to the checked paper chart

**Cell list** ? Item : 0

Usage Band ☒ Overview ☒ General ☒ Coastal  
☒ Approach ☒ Harbour ☒ Berthing

Cell	Cell title
------	------------

f. Place the selected cell(s) in the cart.

Clicking the **"Add checked cell to cart"** button will add all cells listed in the cell list to the cart.

**List of Paper charts**

Chart No./Chart title

☒ Corresponding to chart scales    ☐ Corresponding to usage band

	Chart No.	Plan No.	Chart title
<input checked="" type="checkbox"/>	142	1	Hiroshima Wan
<input type="checkbox"/>	1108	1	Aki Nada and Hiroshima Wan
<input type="checkbox"/>	1112A	1	Eastern Part of Hiroshima Ko
<input type="checkbox"/>	1112B	1	Western Part of Hiroshima Ko

**Cell list**
Item : 4

Usage Band   
☒ Overview    ☒ General    ☒ Coastal  
☒ Approach    ☒ Harbour    ☒ Berthing

	Cell	Cell title
<input checked="" type="checkbox"/>	JP44MONG	Western Part of Seto Naikai 2
<input checked="" type="checkbox"/>	JP44MONI	Western Part of Seto Naikai 3
<input checked="" type="checkbox"/>	JP44NC8G	Western Part of Seto Naikai 5
<input checked="" type="checkbox"/>	JP44NC8I	Western Part of Seto Naikai 6

☒ Select all/Deselect all



g. Search again by paper chart

Click the **"Re-search"** button to clear the cell list.

**List of Paper charts** ?

Chart No./Chart title: Hiroshima x Search paper charts

☒ Corresponding to chart scales ☐ Corresponding to usage band

Chart No.	Plan No.	Chart title
<input checked="" type="checkbox"/> 142	1	Hiroshima Wan
<input type="checkbox"/> 1108	1	Aki Nada and Hiroshima Wan
<input type="checkbox"/> 1112A	1	Eastern Part of Hiroshima Ko
<input type="checkbox"/> 1112B	1	Western Part of Hiroshima Ko

**Re-search** Search cell corresponding to the checked paper chart

**Cell list** ? Item : 4

Usage Band: ☒ Overview ☒ General ☒ Coastal  
☒ Approach ☒ Harbour ☒ Berthing

Cell	Cell title
<input checked="" type="checkbox"/> JP44MONG	Western Part of Seto Naikai 2
<input checked="" type="checkbox"/> JP44MONI	Western Part of Seto Naikai 3
<input checked="" type="checkbox"/> JP44NC8G	Western Part of Seto Naikai 5
<input checked="" type="checkbox"/> JP44NC8I	Western Part of Seto Naikai 6

☒ Select all/Deselect all Add checked cell to cart



**List of Paper charts** ?

Chart No./Chart title: Search paper charts

☒ Corresponding to chart scales ☐ Corresponding to usage band

Chart No.	Plan No.	Chart title
<input type="checkbox"/> 3	1	Hokkaido and Approaches
<input type="checkbox"/> 5	1	Otaru Ko
<input type="checkbox"/> 6	1	Hakodate Ko
<input type="checkbox"/> 7	1	Ishikariwan Ko
<input type="checkbox"/> 8	1	Goyomai Suido
<input type="checkbox"/> 9	1	Hakodate Wan and Approaches

**Re-search** Search cell corresponding to the checked paper chart

**Cell list** ? Item : 0

Usage Band: ☒ Overview ☒ General ☒ Coastal  
☒ Approach ☒ Harbour ☒ Berthing

Cell	Cell title
------	------------

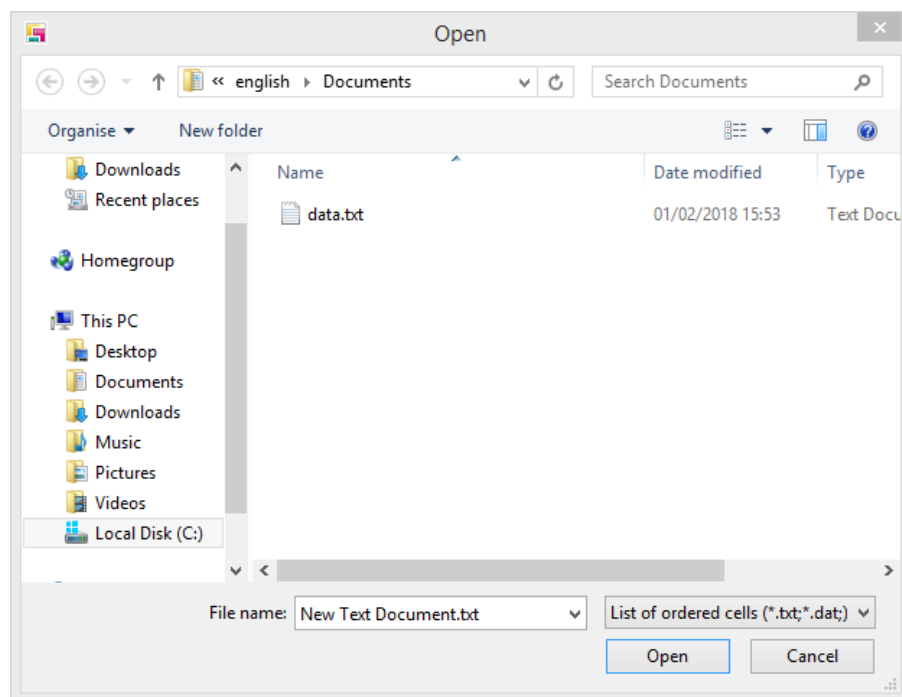
☐ Select all/Deselect all Add checked cell to cart

## 2.2 Select using a “File”

### 2.2.1 Cell list

You can read in a list of cells to order from a cell list file.

- a. From the menu bar, select "**File**" → "**Import cell list**" → "**Cell list (\*.txt, \*.dat)**".
- b. The file selection screen will be displayed.

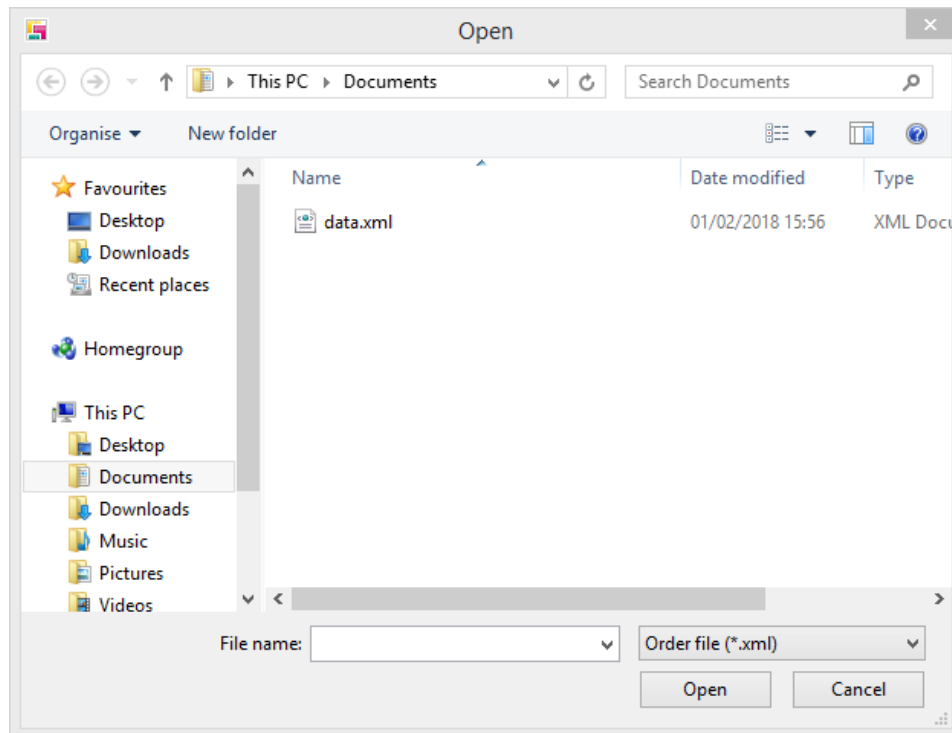


- c. Select the desired cell list file and click the "**Open**" button.
- d. The import results will be displayed. When the "**Yes**" button is clicked the log will be displayed. For details, see "2.2.8 Import completion and log export".
- e. The cells will be added to the cart and the map display will be updated.

### 2.2.2 Digital Order Sheet

You can read in a digital order sheet exported by CellSelect.

- a. From the menu bar select "**File**" → "**Import cell list**" → "**Digital Order Sheet (\*.xml)**".
- b. The file selection screen will be displayed.

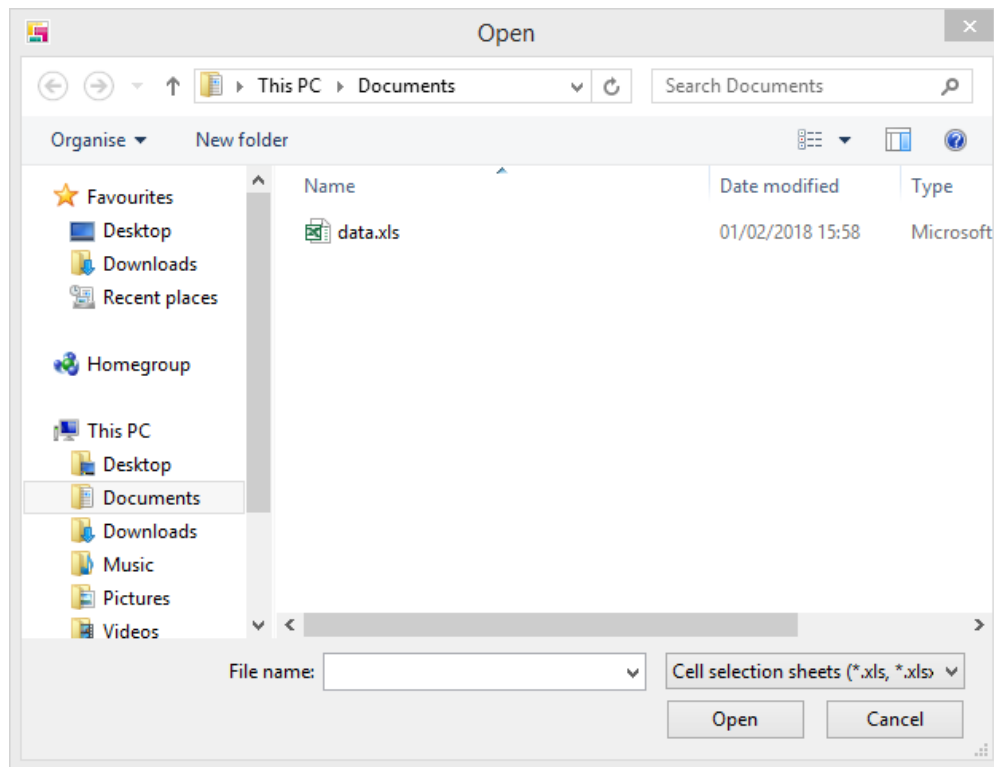


- c. Select the desired Digital Order Sheet file and click the "**Open**" button.
- d. The import results will be displayed. When the "**Yes**" button is clicked the log will be displayed. For details, see "2.2.8 Import completion and log export".
- e. The cells will be added to the cart and the map display will be updated.

### 2.2.3 Cell selection sheet

You can import an Excel Sheet for Cell Select containing cells to be ordered.

- a. From the menu bar select "**File**" → "**Import cell list**" → "**Cell selection sheet (\*.xls, \*.xlsx)**".
- b. The file selection screen will be displayed.



- c. Select the desired Sheet for Cell Select file and click the "**Open**" button.
- d. The import results will be displayed. When the "**Yes**" button is clicked the log will be displayed. For details, see "2.2.8 Import completion and log export".
- e. The cells will be added to the cart and the map display will be updated.

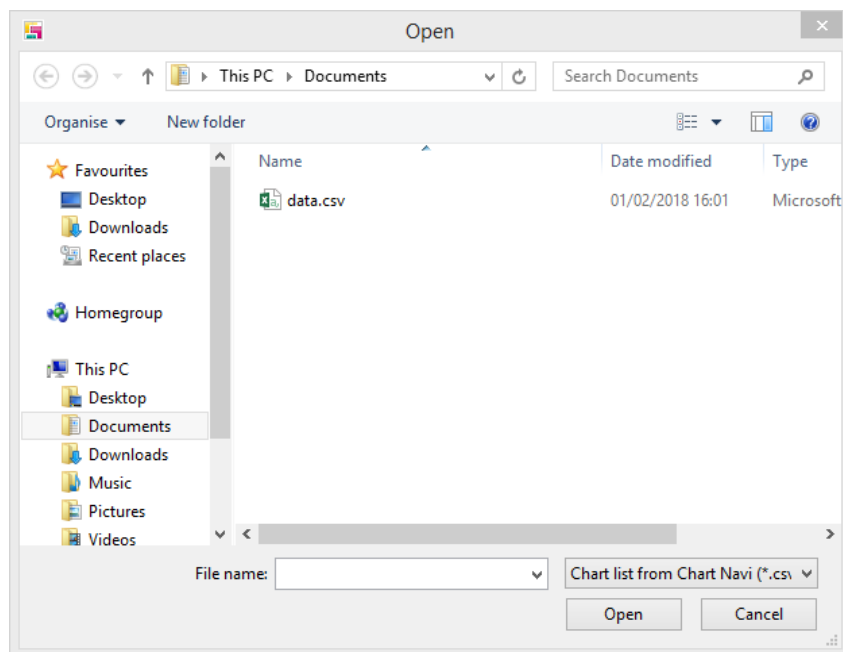
#### 2.2.4 Cell list from Chart Navi

You can read in chart lists created with "*Chart Navi*".

※ "*Chart Navi*" is a website that can be used to search for charts based on ports and routes.

<https://www.jha.or.jp/ChartNavi/en>

- a. From the menu bar select "**File**" → "**Import cell list**" → "**Cell list from Chart Navi (\*.csv)**".
- b. The file selection screen will be displayed.



- c. Select the desired Chart Navi chart list file and click the "**Open**" button.
- d. The import results will be displayed. When the "**Yes**" button is clicked the log will be displayed. For details, see "2.2.8 Import completion and log export".
- e. The cells will be added to the cart and the map display will be updated.

### 2.2.5 Cell Permit

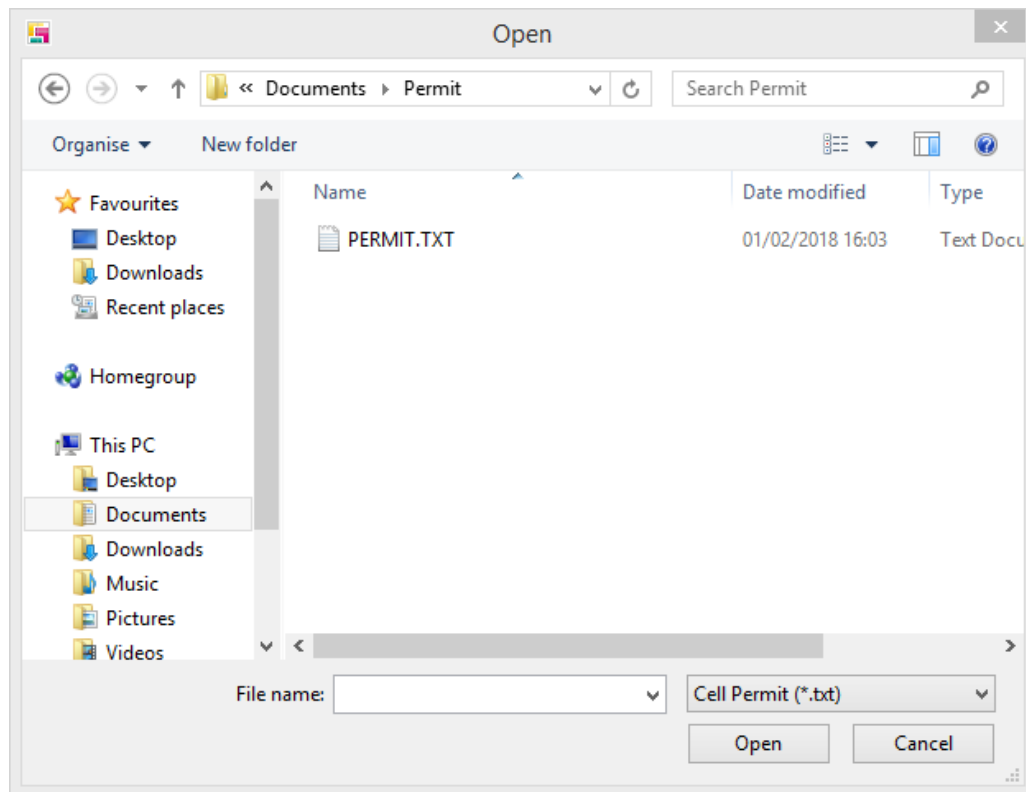
You can import purchased Cell Permit files.

※ This process does not read in the file as a purchase history, but as a list of cells for ordering.

To read in a file as a purchase history, see "2.4 Additional order"

a. From the menu bar select "File" → " Import cell list " → "Cell Permit (\*.txt)".

b. The file selection screen will be displayed.



c. Select the desired Cell Permit file and click the "**Open**" button.

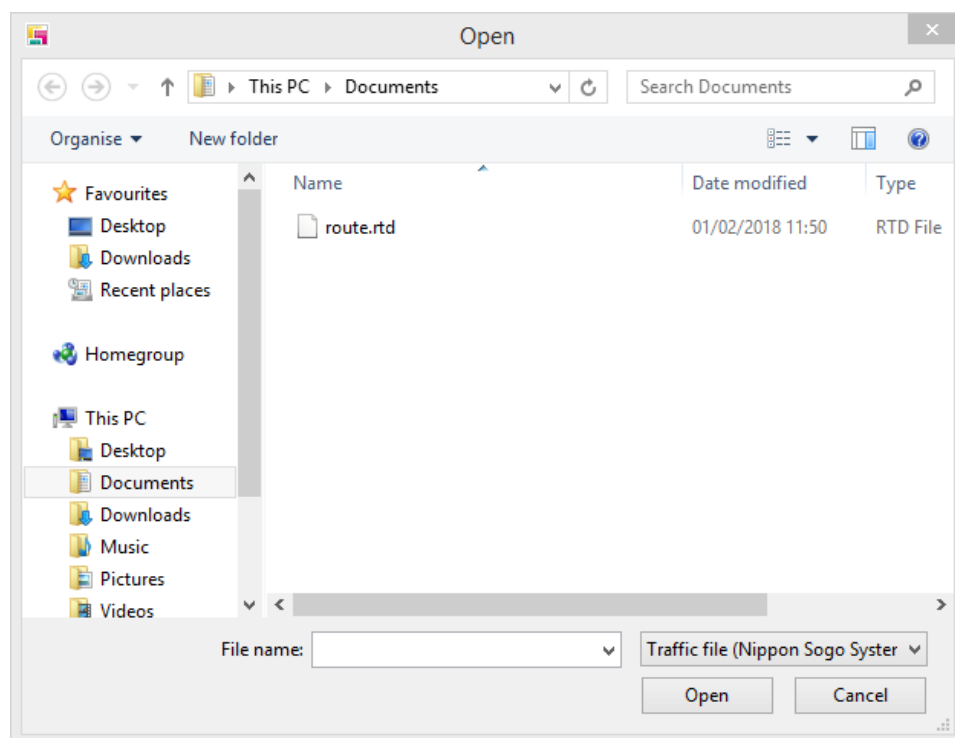
d. The import results will be displayed. When the "Yes" button is clicked the log will be displayed. For details, see "2.2.8 Import completion and log export".

e. The cells will be added to the cart and the map display will be updated.

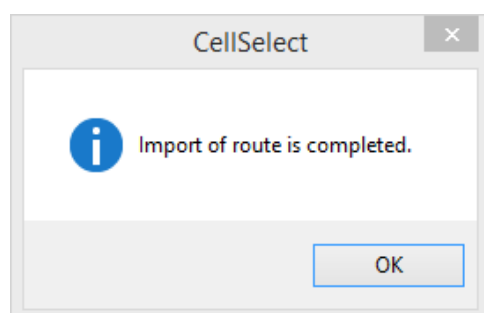
## 2.2.6 Navigational route file

A route file created with ECDIS can be imported to draw a route on the map.

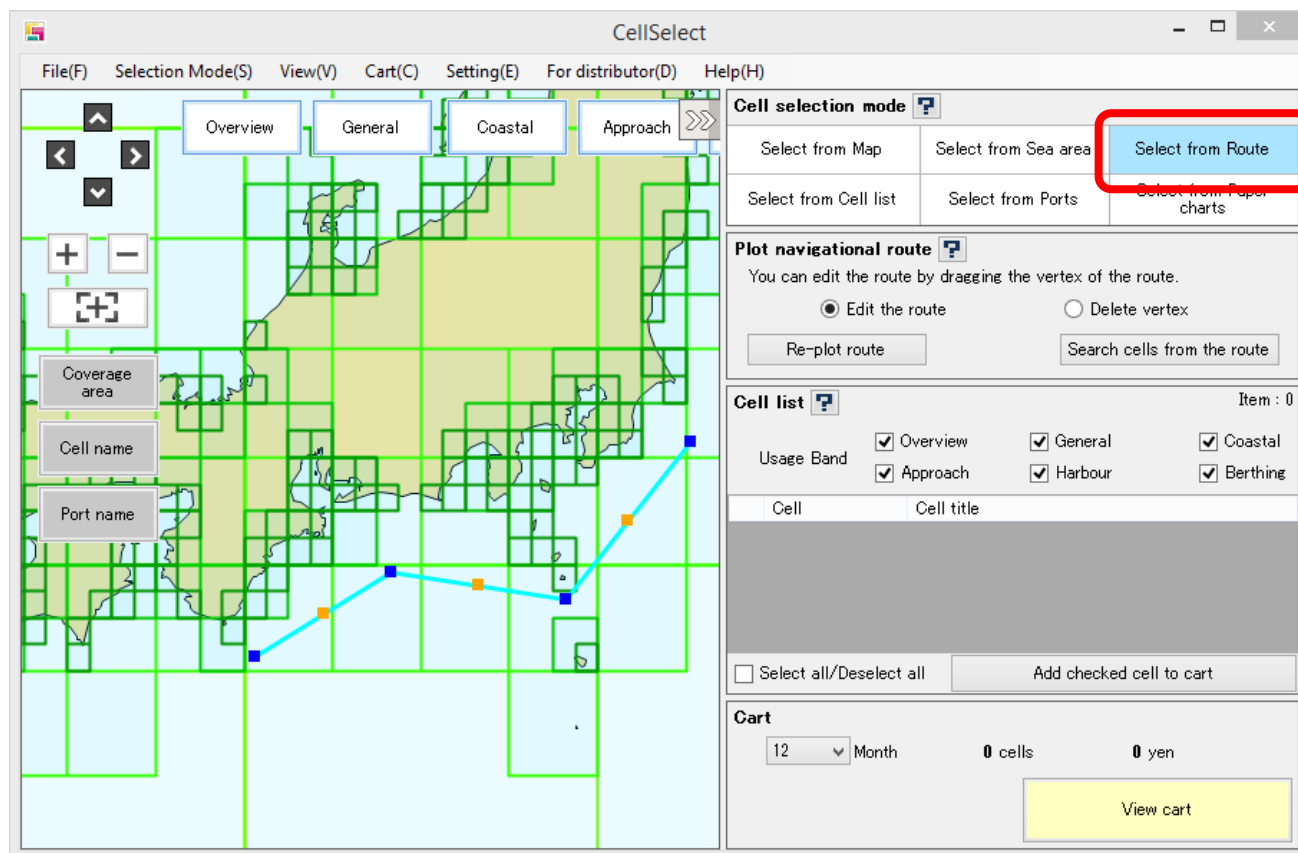
- a. Perform one of the following.
  - From the menu bar select **"File" → "Import navigational route file" → "Nippon Sogo Systems, Inc."**
  - From the menu bar select **"File" → "Import navigational route file" → "PC Studio Alpha"**
  - From the menu bar select **"File" → "Import navigational route file" → "Tokyo Keiki INC."**
- b. The file selection screen will be displayed.



- c. Select the desired route file and click the **"Open"** button.
- d. An import completion message will be displayed.



- e. The Cell Selection Mode will automatically switch to "**Select from Route**" and a route will be drawn on the map.

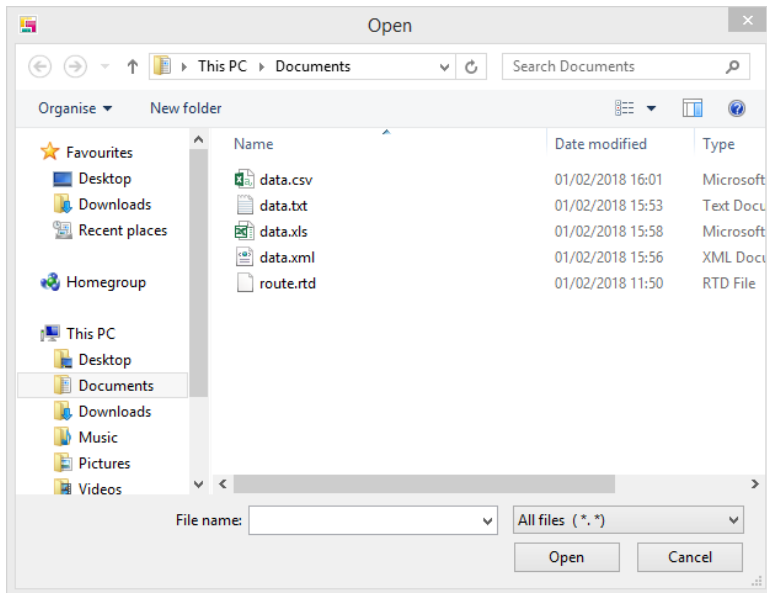




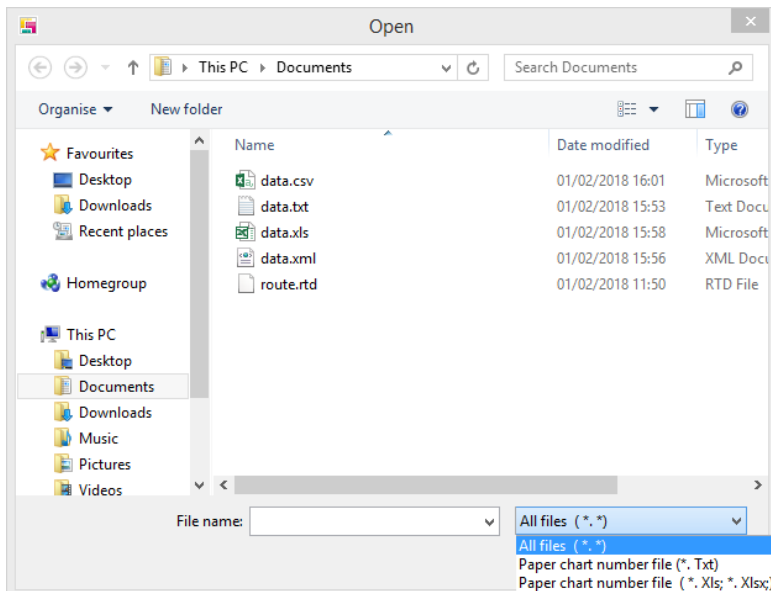
### 2.2.7 Paper chart list

You can import a paper chart list file.

- a. From the menu bar select "**File**" → "**Import paper chart list**".
- b. The file selection screen will be displayed.



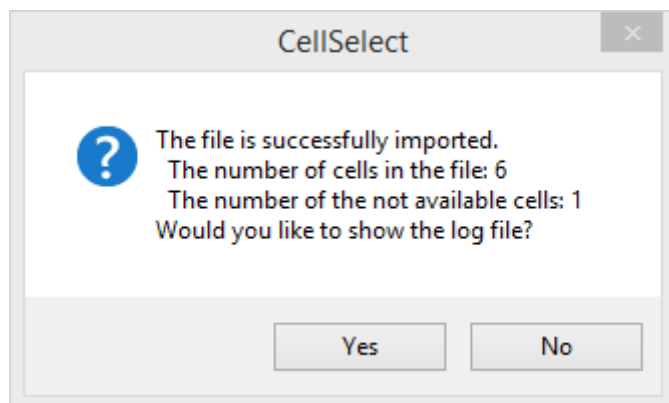
On the file selection screen you can choose or narrow down file types.



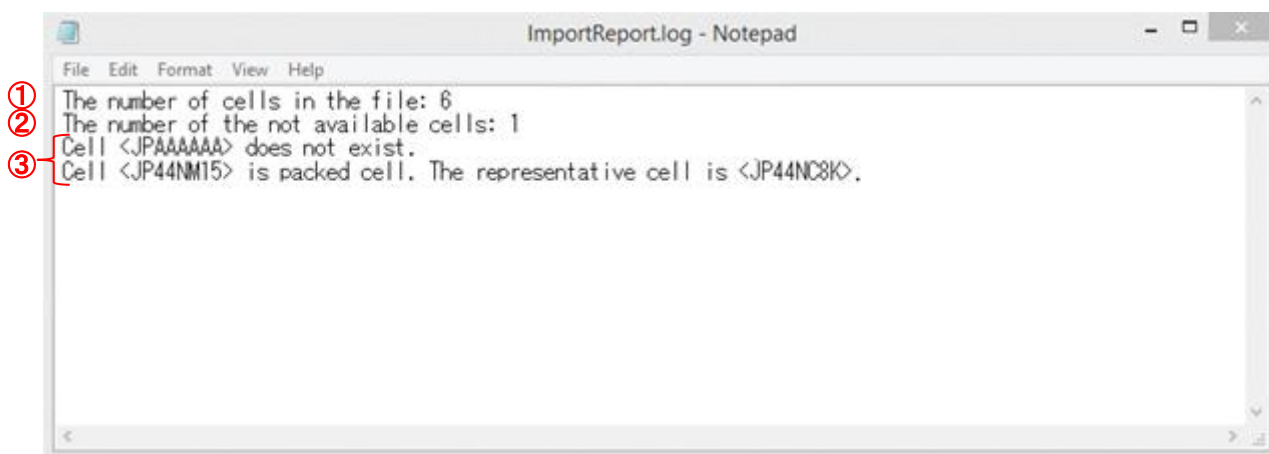
- c. Select the desired paper chart list file and click the "**Open**" button.
- d. The import results will be displayed. When the "**Yes**" button is clicked the log will be displayed. For details, see "2.2.8 Import completion and log export".
- e. The cells will be added to the cart and the map display will be updated.

### 2.2.8 Import completion and log export

When the import process is completed, the import results will be displayed.



- "The number of cells in the file" indicates the number of cells or paper charts that were imported from the file.
  - "The number of the not available cells" indicates the number of cells or paper charts that could not be imported for some reasons.
- a. Click the "Yes" button to open up a log file containing result details in Notepad.



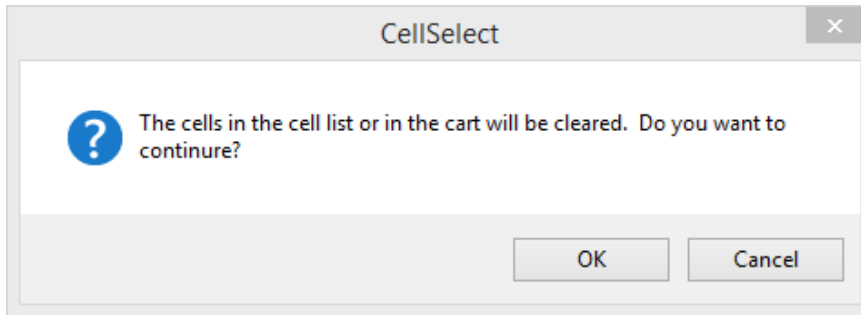
**Table 1: List of logs produced by importing**

	Type	Import results	Details
①	Number of readings	Number of readings:(Number)	The number of cells or paper charts imported from the file
②	Number of failures	Number of failures:(Number)	The number of cells or paper charts that could not be imported for some reasons
③	Detailed logs	Cell <(Cell name)> does not exist.	(Cell name) is not a cell included in ENC. This is counted as a failure.
		Cell <(Cell name)> is part of a packed cell. The representative cell is <Cell name>.	(Cell name) is a part of packed cell, so instead the representative cell of packed cell has been added to the cart.
		The cell <(Cell name)> can not be selected because it has already been purchased.	(Cell name) is already included in an imported Cell Permit, so it cannot be added to the cart. This is counted as a failure.
		Paper chart number <(chart number)> does not exist.	(Paper Chart number) is not an existing paper chart number. This is counted as a failure.

## 2.3 New order

Use this if you wish to make another order file after exporting the Digital Order Sheet file, or if you wish to restart.

- a. From the menu bar select "**File**" → "**New Order**".
- b. A confirmation screen will be displayed.

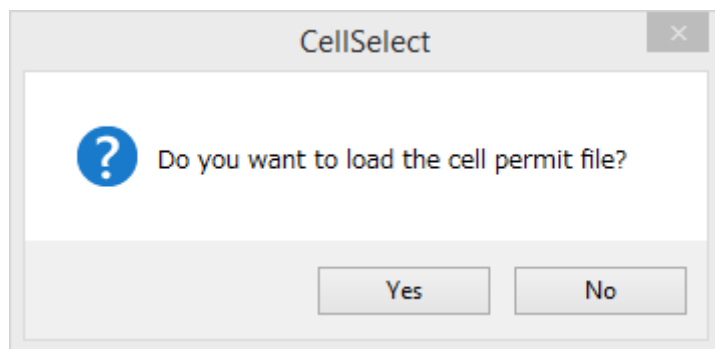


- Clicking the "**OK**" button will clear all selected cells, imported Cell Permits, cells in the cart, etc., and create a new order file.
- Nothing will be cleared if the "**Cancel**" button is clicked.

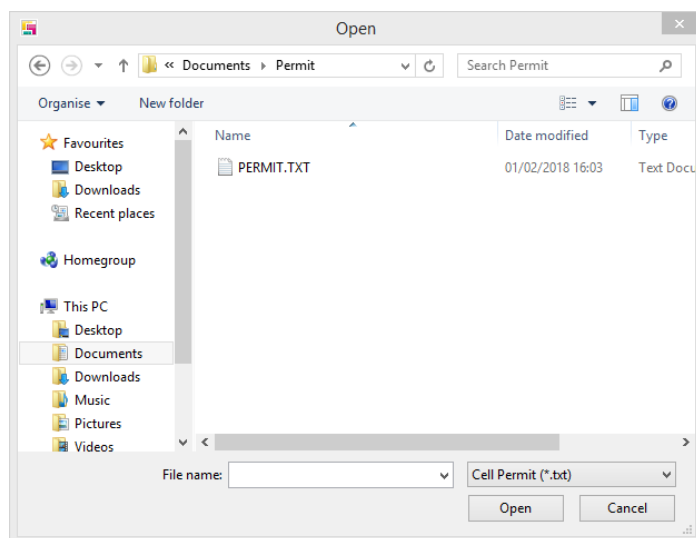
## 2.4 Additional order

Users that already have an ENC contract should start from here to add new cells.

- a. From the menu bar select "**File**" → "**Additional Order**".
- b. The Cell Permit import confirmation screen will be displayed.

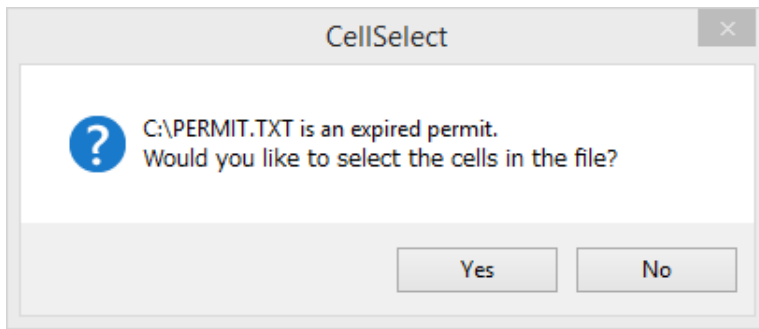


- c. If a Cell Permit file exists, click the "**Yes**" button. → See "d."  
If there is no Cell Permit file, click the "**No**" button. → See "f."
- d. If you clicked the "**Yes**" button in "c." the Cell Permit file selection screen will be displayed.  
Multiple files can be selected.



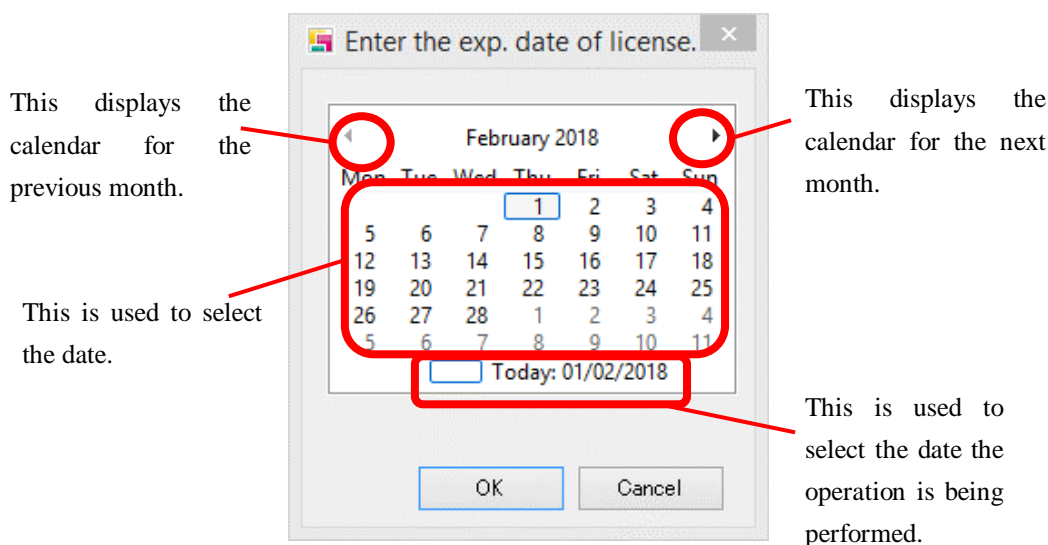
- e. Select the Cell Permit file and click the "**Open**" button to import the file. It will not be possible to select cells which have already been purchased, preventing the accidental repurchasing of already purchased cells.

※ If an expired Cell Permit file is imported, a confirmation screen will be displayed.



- If you click the "Yes" button, the Cell Permit file will not be imported.
- If you click the "No" button, the cells in the Cell Permit file will be added to the purchased cells and will not be displayed on the map or cell list, and it will not be possible to order the cells.
- ※ See "5.3.11 Displaying purchased cells" to confirm cells that have been purchased.

f. If you clicked the "Yes" button in "c." a calendar screen will be displayed for setting the expiration dates of the cells for which contracts exist. The expiration date can be set to any date within 14 months from the day of operation.



g. Select the date on the calendar and click the "OK" button to set the expiration date.

※ The expiration date affects the cell's price.

- h. Setting the expiration date automatically sets the contract period of the cart, which cannot be changed.

**Cell selection mode** ?
 

Select from Map

Select from Sea area

Select from Route

Select from Cell list

Select from Ports

Select from Paper charts

**Country cells** ?
 

Country

Japan

Cell/Cell title

Search

**Cell list** ?
 

Item : 772

Usage Band

☒ Overview

☒ General

☒ Coastal

☒ Approach

☒ Harbour

☒ Berthing

Cell	Cell title
<input type="checkbox"/> JP12FBI8	North Pacific Ocean 1
<input type="checkbox"/> JP13DRU0	South China Sea 1
<input type="checkbox"/> JP13DS14	South China Sea 2
<input type="checkbox"/> JP13DS48	North Pacific Ocean 3
<input type="checkbox"/> JP13DS7C	North Pacific Ocean 4

☐ Select all/Deselect all
 

Add checked cell to cart

**Cart**

12

Month

19 cells

8,046 yen

View cart

**Cart** ?
 

**Order Information**

License ID / Ship name / User name, etc

Acad

Subscription type

12

Month

**Cells in cart**

Item : 3

Cell	Title	Price
<input type="checkbox"/> JP12FBC0	Indian Ocean	550
<input type="checkbox"/> JP12FBF4	Java Sea	550
<input type="checkbox"/> JP44NC8K	Eastern Part of Seto Naikai 3	550

☐ Check all cells
 

Delete checked cells

**Details of cells**

Japan

3 cells

1,650 yen

(Tax included)

1,782 yen)

Back to select cell

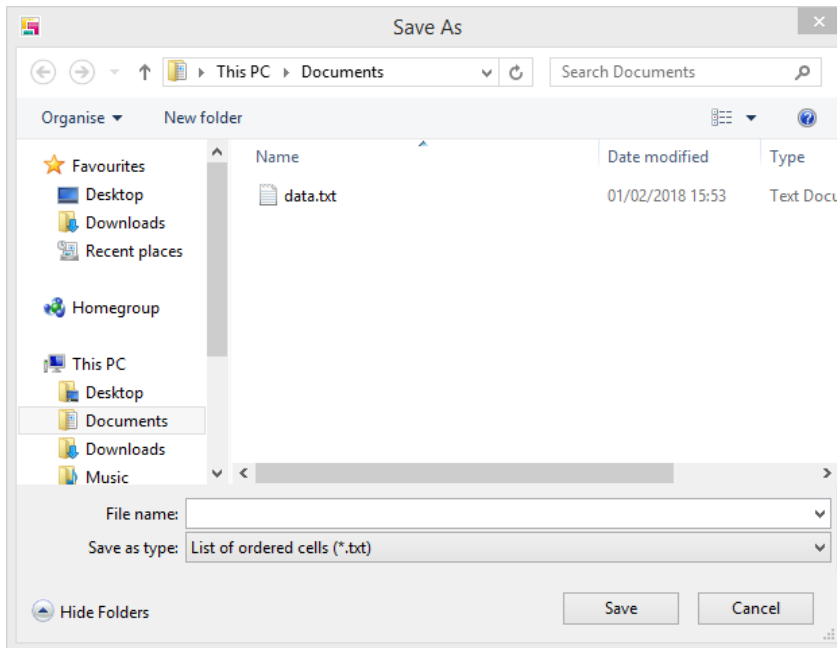
Export digital order form

## 2.5 Saving selected cells (exporting to a file)

### 2.5.1 Cell list

You can save the cells in a cart to a file.

- a. From the menu bar select "**File**" → "**Export selected cells**" → "**Cell list (\*.txt)**".
- b. The file save screen will be displayed.



- c. Enter a name for the file and click the "**Save**" button.

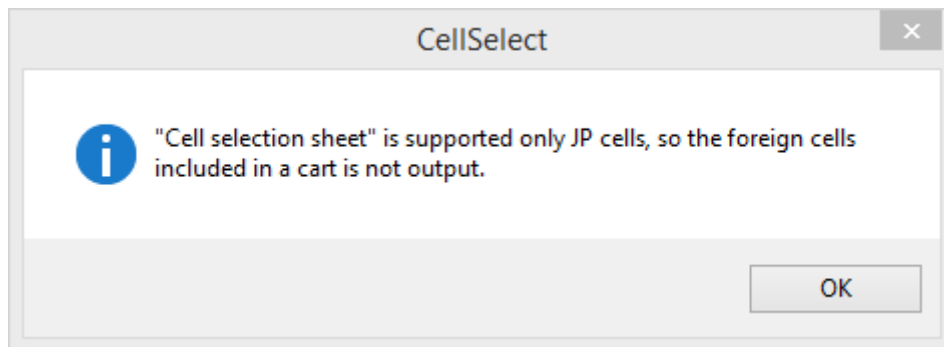


### 2.5.2 Cell selection sheet

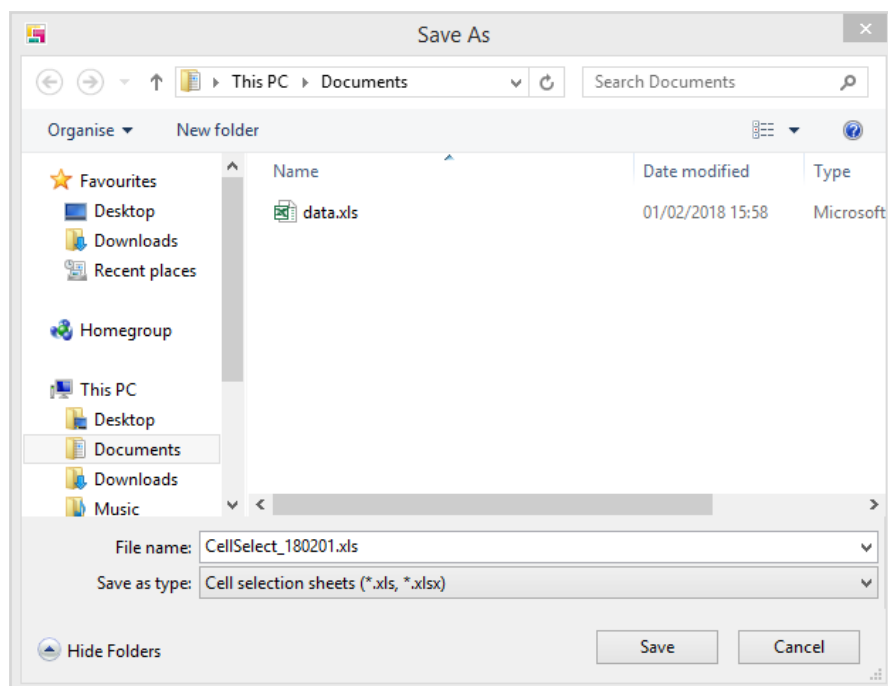
You can export the cells in a cart to an Excel "Cell selection sheet".

a. From the menu bar select "File" → "Export selected cells" → "Cell selection sheet (\*.xls)".

※ The "Cell selection sheet" **only supports Japanese ENC**, so if your cart contains foreign cells, they will not be export.



b. The file save screen will be displayed.



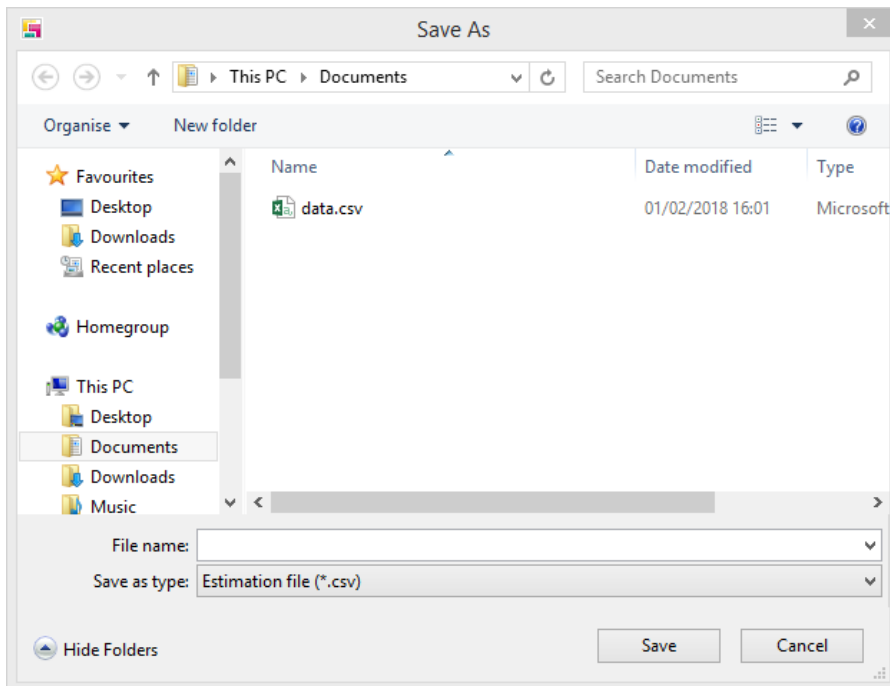
c. Click the "Save" button.

※ If the License ID is set on the cart screen, the file name will formatted as "(License ID)\_(YYMMDD).xls". If no License ID is set it will be formatted as "CellSelect\_(YYMMDD).xls". Change the file name as needed.

### 2.5.3 Estimation file

You can export the cells in a cart in CSV file. This can assist with the creation of estimates, etc.

- a. From the menu bar select "**File**" → "**Export selected cells**" → "**Estimation file (\*.csv)**".
- b. The file save screen will be displayed.



- c. Enter a name for the file and click the "**Save**" button.

## 3. Exporting an order file

### 3.1 Confirmation of order cell information

Confirm the order cells and export a Digital Order Sheet file.

#### 3.1.1 Cart screen display

- a. Perform one of the following.
  - From the menu bar select "Cart" → "Show cart".
  - Click the "View cart" button on the main screen.
- b. The cart screen will be displayed.

Cell selection mode ?

Select from Map

Select from Sea area

Select from Route

Select from Cell list

Select from Ports

Select from Paper charts

Draw a sea area ?

You can edit the sea area by dragging the vertexes of the sea area.

☒ Edit vertex

☐ Delete vertex

Re-draw a sea area

Search cells from sea area

Cell list ?

Item : 0

Usage Band

☐ Overview

☐ General

☒ Coastal

☒ Approach

☒ Harbour

☒ Berthing

Cell

Cell title

☐ Select all/Deselect all

Add checked cell to cart

Cart

12

Month

12 cells

7,128 yen

View cart



Cart ?

Order Information

License ID / Ship name / User name, etc

☐ Academy

Subscription type

12

Month

Cells in cart

Item : 12

Cell	Title	Price
<input type="checkbox"/> JP14CCM8	Sea of Okhotsk 1	550
<input type="checkbox"/> JP14S8H0	Adjacent Seas of Japan 16	550
<input type="checkbox"/> JP24S8HG	Offing of East Coast of Honshu 12	550
<input type="checkbox"/> JP34S8HK	Eastern Part of Honshu 11	550
<input type="checkbox"/> JP44S8HK	Sendai Wan	550
<input type="checkbox"/> JP44S8HM	Kinkasan to Miyako Wan 1	550
<input type="checkbox"/> JP44SS2K	Kinkasan to Miyako Wan 2	550

☐ Check all cells
 

Delete checked cells

Details of cells

Japan

12 cells

6,600 yen

+

(Tax included)

7,128 yen

Back to select cell

Export digital order form

### 3.1.2 Deleting cells from the cart

- a. Unneeded cells can be deleted from the cart by checking them in the "Cells in cart" and clicking the "Delete checked cells" button.

**Cart**

**Order Information**  
License ID / Ship name / User name, etc  ☐ Academy  
Subscription type  Month

**Cells in cart** Item : 6

Cell	Title	Price
<input type="checkbox"/> JP12FBC0	Indian Ocean	550
<input type="checkbox"/> JP12FBF4	Java Sea	550
<input checked="" type="checkbox"/> JP12FBI8	North Pacific Ocean 1	550
<input checked="" type="checkbox"/> JP13DRU0	South China Sea 1	550
<input checked="" type="checkbox"/> JP13DS14	South China Sea 2	550
<input checked="" type="checkbox"/> JP13DS48	North Pacific Ocean 3	550

☐ Check all cells

- b. The checked cells will be deleted from the "Cells in cart".

**Cart**

**Order Information**  
License ID / Ship name / User name, etc  ☐ Academy  
Subscription type  Month

**Cells in cart** Item : 2

Cell	Title	Price
<input type="checkbox"/> JP12FBC0	Indian Ocean	550
<input type="checkbox"/> JP12FBF4	Java Sea	550

☐ Check all cells

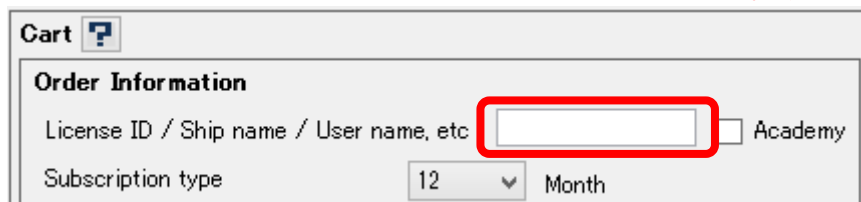
## 3.2 Export the Digital Order Sheet file

### 3.2.1 Entering order information

Enter the order information necessary to export the Digital Order Sheet file.

- a. Enter the "License ID / Ship name / User name, etc".

※ Characters which cannot be included in file names (¥/:\*?"<>|3) cannot be used.



Cart ?

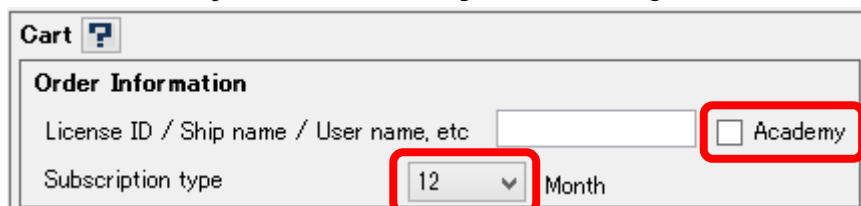
**Order Information**

License ID / Ship name / User name, etc  Academy ☐

Subscription type 12 ▼ Month

- b. Check "Academy" if necessary and change the contract period.

※ The contract period cannot be changed when creating an additional order file.



Cart ?

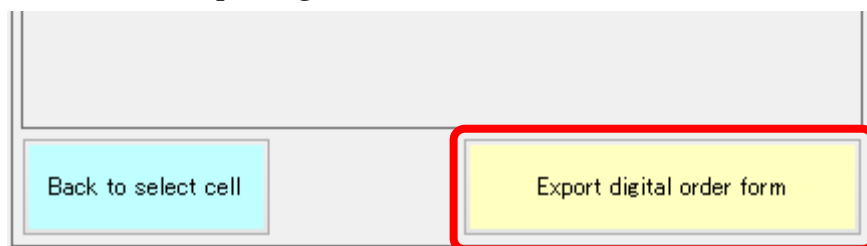
**Order Information**

License ID / Ship name / User name, etc  Academy ☒

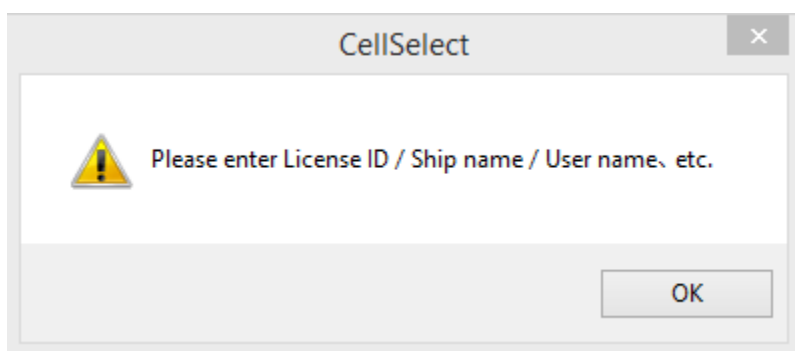
Subscription type 12 ▼ Month

### 3.2.2 Export the Digital Order Sheet file

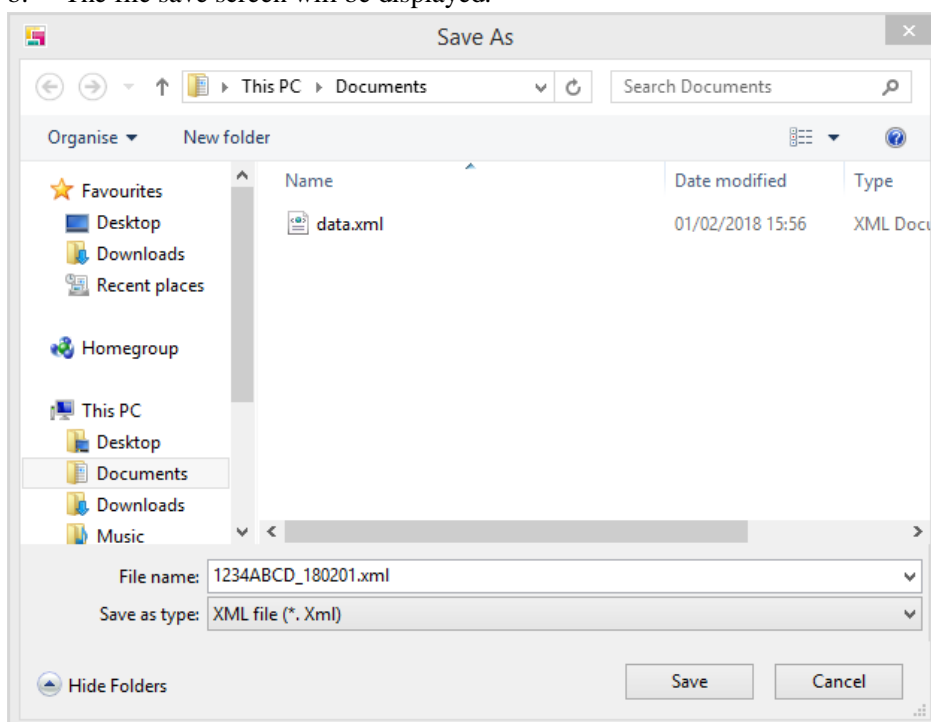
- a. Click the "Export digital order form" button on the cart screen.



If the "License ID / Ship name / User name, etc" have not been entered a warning screen will be displayed.



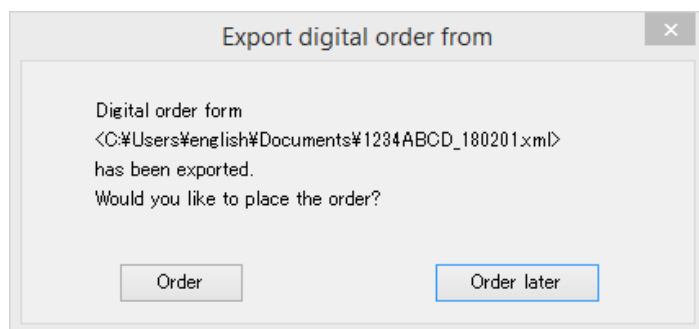
- b. The file save screen will be displayed.



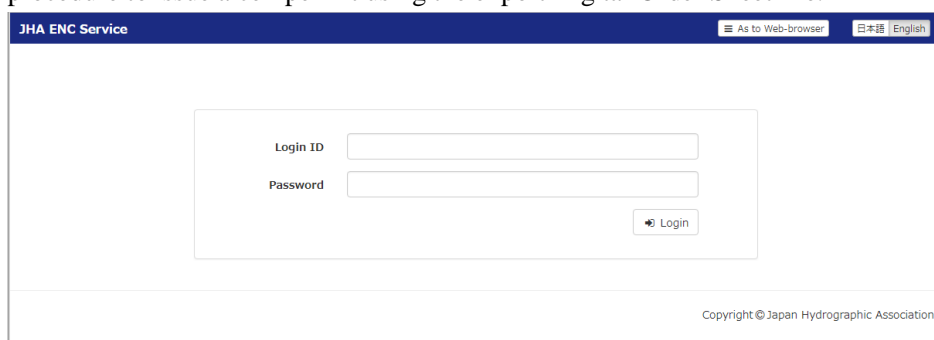
※ The file name will automatically be formatted as "(License ID)\_(YYMMDD).xls". Change the file name as needed.

- c. Enter a name for the file and click the "Save" button.

- d. The Digital Order Sheet file export completion screen will be displayed.



- ※ When the "**Order**" button is clicked the order site "**JHA ENC Service**" screen will be displayed. Follow the procedure to issue a cell permit using the export Digital Order Sheet file.

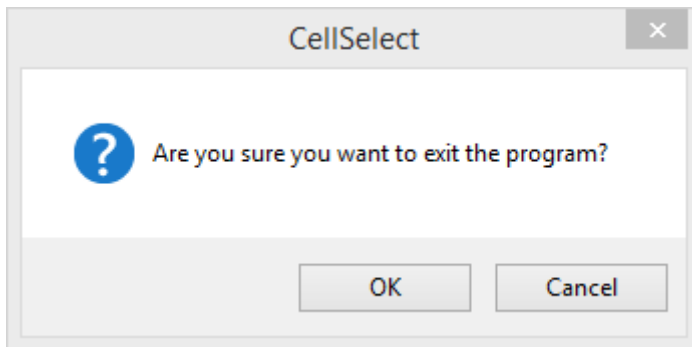


- ※ If you do not wish to place an order, click the "**Order later**" button.
- ※ If you wish to continue and create another Digital Order Sheet file, using "2.3 New order" will clear all selected cells, read cell permits, etc., so you can create a new Digital Order Sheet file.

## 4. Shutting down the application

Shut down CellSelect as indicated below.

- a. Perform one of the following.
  - From the menu bar select "**File**" → "**Exit**".
  - Click the "**x**" button on the main screen.
- b. A confirmation screen will be displayed.



- c. Clicking the "**OK**" button will shut down CellSelect.



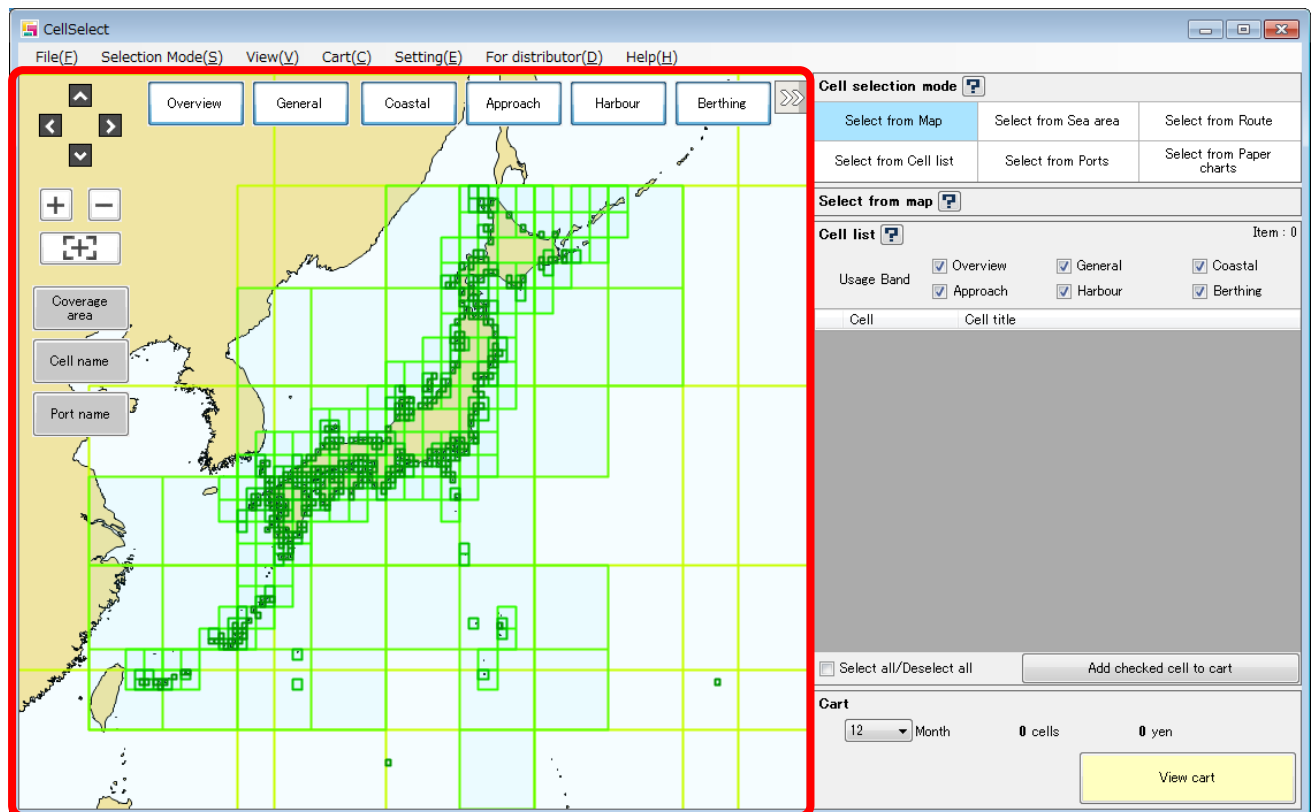
## Screen operations

### 5. Display screen

#### 5.1 Main screen

##### 5.1.1 Map display screen

The map display screen contains a background map and icons for performing actions on the map display.



Cell colors change depending on the states of cells.

Cell state	Display color
Selected with Cell list / List of Ports / List of Paper charts	Blue
Checked in Cell list / List of Ports / List of Paper charts	Orange
In cart	Red
Purchased (see "5.3.11 Displaying purchased cells")	Gray
None of the above	Green

See "5.3 Controlling the map" for details regarding map controls.

### 5.1.2 Cell selection panel

The cell selection panel is used when selecting cells.

The screenshot shows the Cell selection panel interface with four numbered callouts:

- ① Cell selection mode**: A panel with six buttons: "Select from Map" (highlighted in blue), "Select from Sea area", "Select from Route", "Select from Cell list", "Select from Ports", and "Select from Paper charts".
- ② Select from map**: A panel with a question mark icon.
- ③ Cell list**: A panel with a question mark icon and "Item : 0". It includes a "Usage Band" section with checkboxes for "Overview", "Approach", "General", "Harbour", "Coastal", and "Berthing". Below this is a table with columns "Cell" and "Cell title". At the bottom, there is a checkbox "Select all/Deselect all" and a button "Add checked cell to cart".
- ④ Cart**: A panel showing a dropdown menu set to "12" with the label "Month", followed by "0 cells" and "0 yen". A yellow button labeled "View cart" is at the bottom right.

① Cell selection mode

② This displays information for each Cell selection mode  
→ See "2.1 Select using the "Cell selection mode"".

③ Cell list

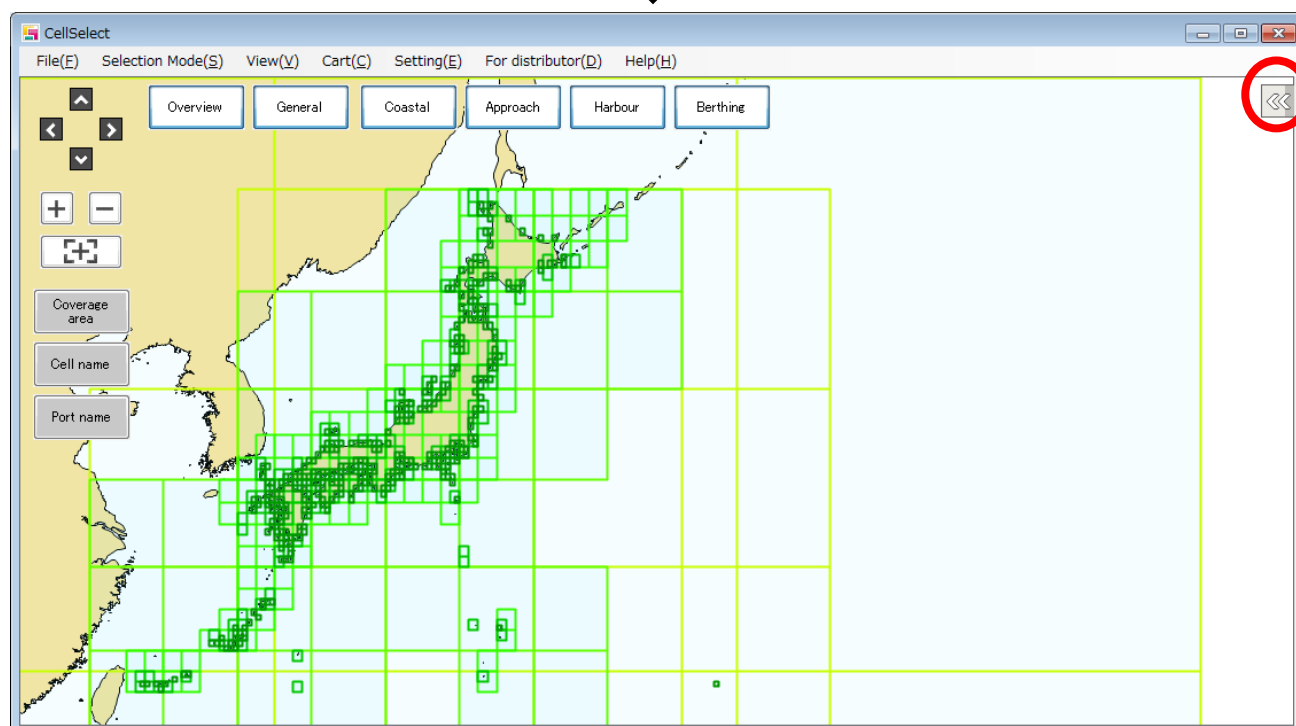
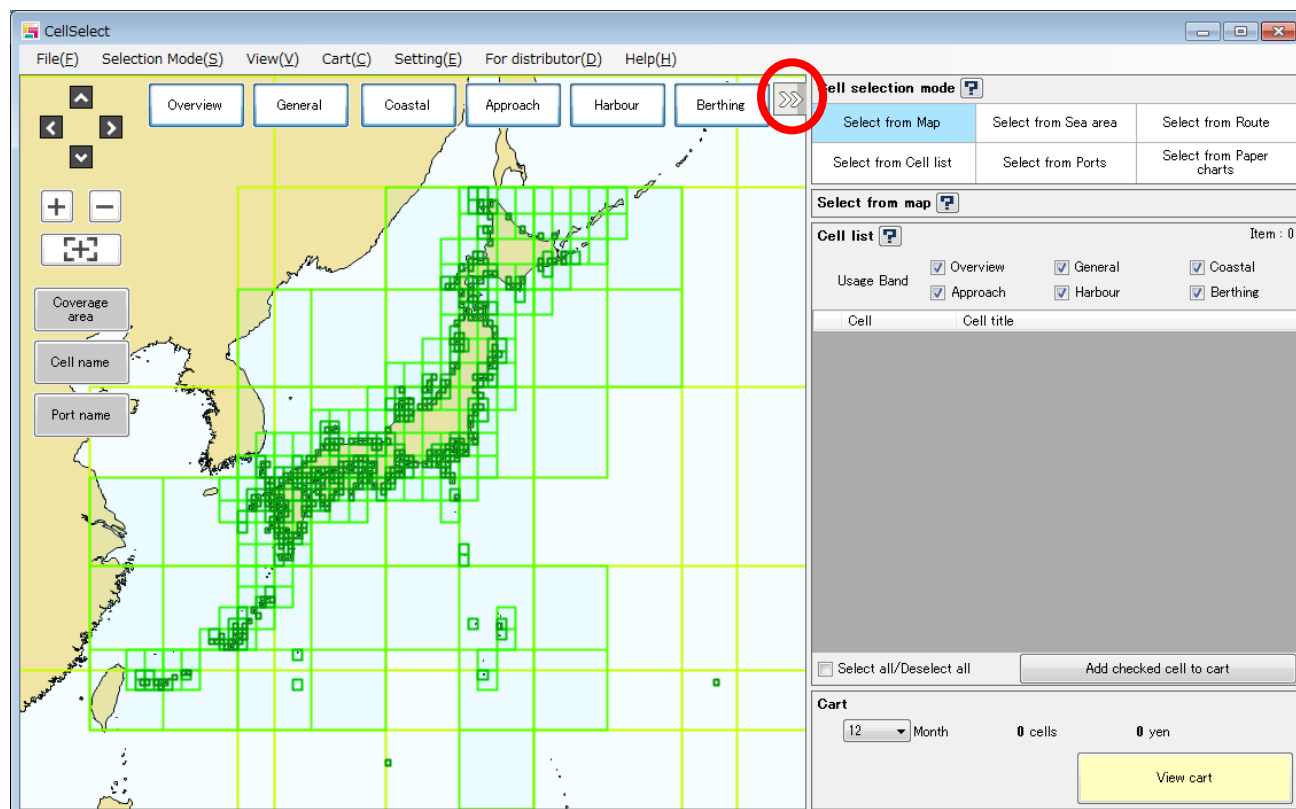
A list of selected cells is displayed here. See "5.1.2.3 Cell list".

④ Cart total information

This section displays total information for the cells in the cart. See "5.1.2.4 Cart total information".

### 5.1.2.1 Showing/hiding the cell selection panel

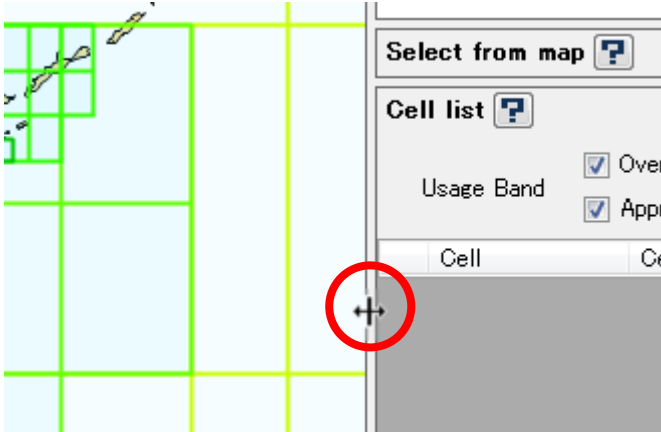
The cell selection panel can be shown or hidden by clicking on the ">>" at upper left.



### 5.1.2.2 Changing the width of the cell selection panel

The width of the cell selection panel can be changed freely.

- a. Place the mouse cursor over the left border of the cell selection panel. The cursor's shape will change.



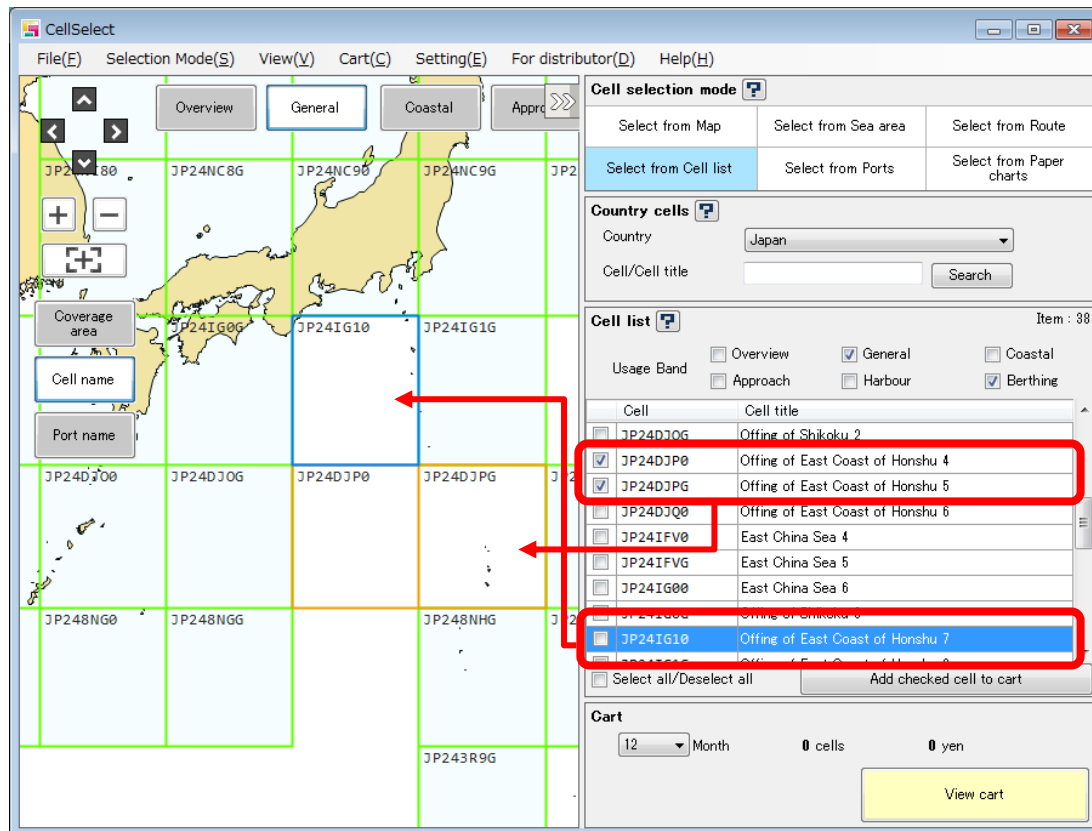
- b. Drag the border in this state to change the width of the cell selection panel.

### 5.1.2.3 Cell list

Cells selected with the Cell selection mode are shown in the cell list.

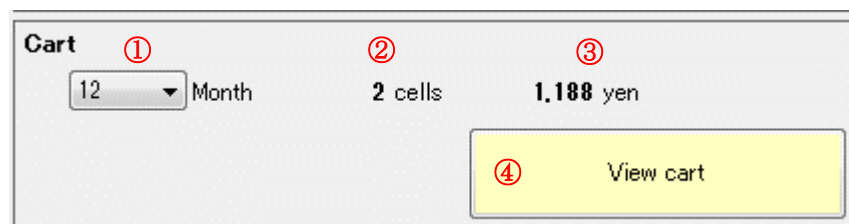
When a cell is selected on the cell list, the cell will be indicated in blue on the map.

Checked cells are indicated on the map in orange.



### 5.1.2.4 Cart total information

The cart total information indicates total information for the cells in the cart.



- ① Subscription type  
Select the duration of the cell order.
- ② Total number of cells  
This shows the total number of cells in the cart.
- ③ Cell total price  
This shows the total price of cells in the cart.
- ④ "View cart" button  
This displays the cart panel.

### 5.1.3 Cart panel

The cart panel is displayed as shown below.

The screenshot shows the 'Cart' panel with the following components:

- ① Order Information:** A section containing a text input field for 'License ID / Ship name / User name, etc', a checkbox for 'Academy', and a dropdown menu for 'Subscription type' set to '12' with the unit 'Month'.
- ② Cells in cart:** A section titled 'Cells in cart' with 'Item : 2' on the right. It contains a table with columns 'Cell', 'Title', and 'Price'.
 

Cell	Title	Price
<input type="checkbox"/> JP24DJP0	Offing of East Coast of Honshu 4	550
<input type="checkbox"/> JP24DJP6	Offing of East Coast of Honshu 5	550

 Below the table is a checkbox 'Check all cells' and a button 'Delete checked cells'.
- ③ Details of cells:** A section showing summary information: 'Japan' with '2 cells' for a total of '1,100 yen'. Below this, '(Tax included)' for a total of '1,188 yen'. There is a '+' button next to the '1,100 yen' value.
- ④ Back to select cell:** A light blue button at the bottom left.
- ⑤ Export digital order form:** A yellow button at the bottom right.

① Order Information

Order Information is entered here. See "3.2.1 Entering order information".

② Cells in cart

This section displays information regarding the cells in the cart. See "5.1.3.1 Cart cell list".

③ Details of cells

This section displays total information for the cells in the cart. See "5.1.3.2 Order cell information".

④ "Back to select cell" button

This displays the cell selection panel.

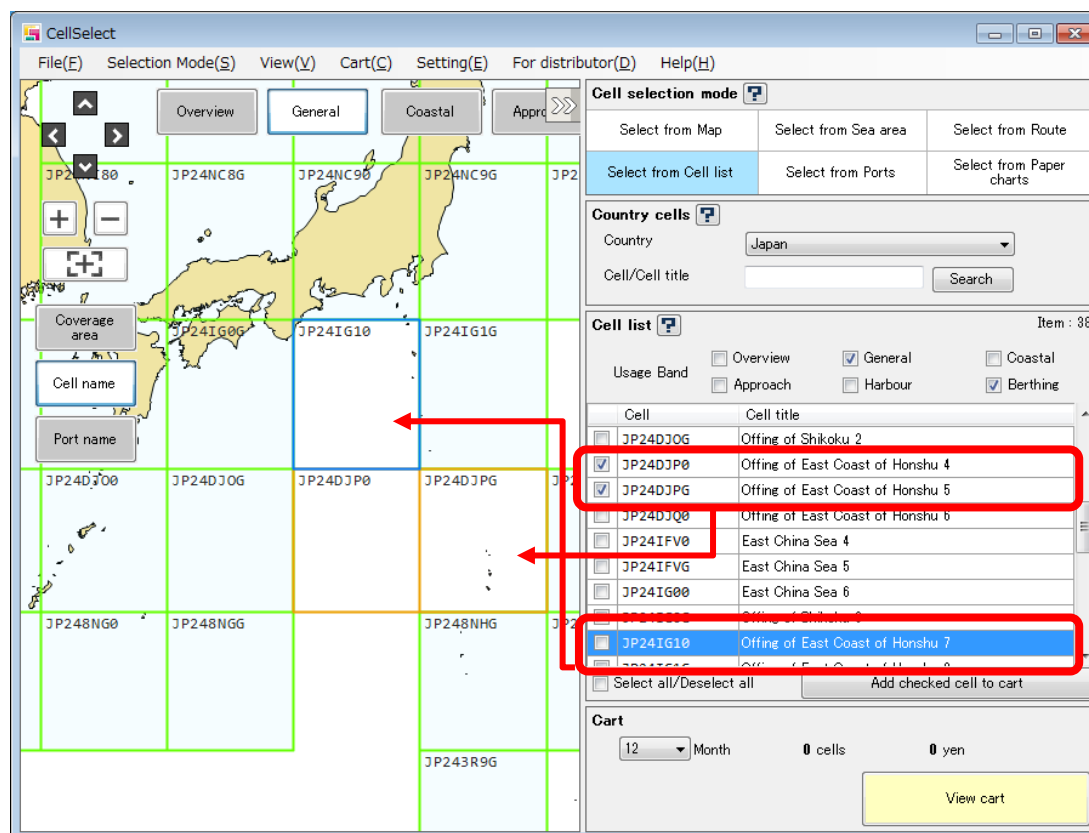
⑤ "Export digital order form" button

This is used to output the Digital Order Sheet. See "3.2.2 Export the Digital Order Sheet file".

### 5.1.3.1 Cart cell list

When a cell is selected on the cart cell list, the cell will be indicated in blue on the map.

Checked cells are indicated on the map in orange.






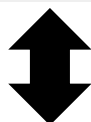
### 5.1.3.2 Order cell information


The order cell information indicates totals by country for the cells in the cart.

Clicking the "+" symbol displayed to the right of the total for Japan will cause usage band totals to be displayed.

Clicking this button again will cause the usage band totals to be hidden.

Details of cells			
Japan	5 cells	2,750 yen	
Singapore	16 cells	5,800 yen	
Malacca_Singapore straits	4 cells	12,800 yen	
Total Price	25 cells	21,350 yen	
(Tax included		23,058 yen)	



Details of cells																															
Japan	5 cells	2,750 yen																													
<table border="1"> <thead> <tr> <th></th><th>NUM</th><th>Price</th><th>Subtotal</th></tr> </thead> <tbody> <tr> <td>Overview</td><td>3</td><td>550</td><td>1,650</td></tr> <tr> <td>General</td><td>2</td><td>550</td><td>1,100</td></tr> <tr> <td>Coastal</td><td>0</td><td>550</td><td>0</td></tr> <tr> <td>Approach</td><td>0</td><td>550</td><td>0</td></tr> <tr> <td>Harbour</td><td>0</td><td>550</td><td>0</td></tr> <tr> <td>Berthing</td><td>0</td><td>550</td><td>0</td></tr> </tbody> </table>					NUM	Price	Subtotal	Overview	3	550	1,650	General	2	550	1,100	Coastal	0	550	0	Approach	0	550	0	Harbour	0	550	0	Berthing	0	550	0
	NUM	Price	Subtotal																												
Overview	3	550	1,650																												
General	2	550	1,100																												
Coastal	0	550	0																												
Approach	0	550	0																												
Harbour	0	550	0																												
Berthing	0	550	0																												
Singapore	16 cells	5,800 yen																													
Malacca_Singapore	4 cells	12,800 yen																													

## 5.2 Menu

**Table 2: Menu list**

Top menu	Menu name	Overview
File	New Order	This clears any work that has been performed and creates a new order file
	Additional Order	This imports a cell permit and creates an additional order file
	Import cell list	This imports a cell list file
	Import navigational route file	This imports a route file
	Import paper chart list	This imports a paper chart list
	Export selected cells	This writes the cells in the cart to a file
	Screen Copy	This copies the map display screen to the clipboard
	Exit	This shuts down CellSelect
Selection Mode	Select from Map	This changes the Cell Selection Mode to "Select from map"
	Select from Sea area	This changes the Cell Selection Mode to "Select from area"
	Select from Route	This changes the Cell Selection Mode to "Select from route"
	Select from Cell list	This changes the Cell Selection Mode to "Select from cell list"
	Select from Ports	This changes the Cell Selection Mode to "Select from port name"
	Select from Paper charts	This changes the Cell Selection Mode to "Select from paper chart"
View	Show cell	This hides or shows each usage band
	Show Coverage area	This hides or shows the data range
	Show cell name	This hides or shows cell names
	Show port name	This hides or shows port names
	Show graticule	This hides or shows longitude and latitude lines
	Purchased cell	This hides or shows purchased cells
	Return to initial map	This returns the map to the initial display position
Cart	Show cart	This displays the cart screen
	Export digital order form	This exports the Digital Order Sheet
Setting	Basemap	This switches the background map
	Font size	This changes the text size
	Offline mode	This turns offline mode on or off
	Show guide when CellSelect is started	This hides or shows the startup guide
	Check for update when CellSelect is started	This toggles confirmation of update data upon startup





For distributor	Management of cell prices	This closes the cell price setting screen
Help	Manual	This displays the manual
	Update	This performs an update
	About CellSelect	This displays the version information screen

## 5.3 Controlling the map

### 5.3.1 Moving the map display position

Click the arrow icons or drag the map with the mouse to change the map's display position.

#### 5.3.1.1 Moving the map using the arrow icons

-  Moves the map up
-  Moves the map down
-  Moves the map left
-  Moves the map right

#### 5.3.1.2 Moving the map by dragging it with the mouse

Drag the map with the mouse by using the left button or the wheel button to change the map's display position.

Changing the map's display position by dragging with the left button is not supported by some Cell Selection Modes.

**Table 3: Mouse buttons that can be used for dragging for each Cell Selection Mode**

Cell selection mode	Left button	Wheel button
Select from Map	○	○
Select from sea Area	x	○
Select from Route	x	○
Select from cell list	○	○
Select from Ports	○	○
Select from paper charts	○	○

### 5.3.2 Zooming in

The map can be zoomed in.

- a. Perform one of the following.

- Click the "**Zoom in**" icon



"**Zoom in**" icon

- Roll the mouse wheel upwards on the map.

- b. The map will zoom in from the current zoom level.

### 5.3.3 Zooming out

The map can be zoomed out.

- a. Perform one of the following.

- Click the "**Zoom out**" icon



"**Zoom out**" icon

- Roll the mouse wheel downwards on the map.

- b. The map will zoom out from the current zoom level.

### 5.3.4 Rectangle area selection

Any area on the map can be selected for zooming.

- a. Click the "**Rectangle area specification**" icon.



"**Rectangle area specification**" icon.

- b. Left-click the mouse at any desired point on the map. Do not release the left mouse button.
- c. Dragging the mouse will cause a rectangle to be drawn. Release the left mouse button at any desired point to zoom in on the area enclosed by the rectangle.

### 5.3.5 Show Coverage area

You can hide or show the **coverage area**.

- a. Perform one of the following.
  - From the menu bar select "**View**" → "**Show Coverage area**"
  - Click the "**Coverage area**" icon



"**Coverage area**" icon (on state)



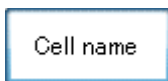
"**Coverage area**" icon (off state)

- b. This will turn the data range display on or off. If the data range display is enabled, ranges containing cell data will be displayed on the map.

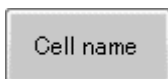
### 5.3.6 Show cell name

You can show or hide cell names.

- a. Perform one of the following.
  - From the menu bar select "**View**" → "**Show cell name**"
  - Click the "**Cell name**" icon



"**Cell name**" icon (on state)



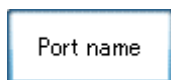
"**Cell name**" icon (off state)

- b. This will turn the cell name on or off. If the cell name display is enabled, cell names will be displayed at the top left of cells.
- ※ If a cell is not large enough to display the cell name, the cell name will not be displayed. In this case, the cell name will be displayed when the map is zoomed in.

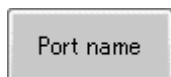
### 5.3.7 Show port name

You can show or hide port names.

- a. Perform one of the following.
  - From the menu bar select "**View**" → "**Show port name**"
  - Click the "**Port name**" icon



"**Port name**" icon (on state)



"**Port name**" icon (off state)

- b. This will turn the port name on or off. If the port name is enabled, port names will be displayed on the map.

### 5.3.8 Usage band display

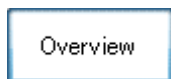
There are six types of cells, as indicated below, with different data scales. You can specify which level of cell is displayed on the screen. You can also display cells with different scales at the same time.

1. Overview
2. General
3. Coastal
4. Approach
5. Harbour
6. Berthing... ..Not issued by Japanese ENC

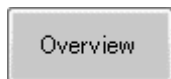
#### 5.3.8.1 Overview

You can show or hide overview level cells.

- a. Perform one of the following.
  - From the menu bar select "**View**" → "**Show cell**" → "**Overview**"
  - Click the "**Overview**" icon



"**Overview**" icon (on state)



"**Overview**" icon (off state)

- Click "**Overview**" in the usage band area at the top of the cell list

- b. This will turn the overview level cell display on or off. If set to on, overview level cells will be displayed.

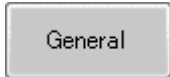
### 5.3.8.2 General

You can show or hide general level cells.

- a. Perform one of the following.
  - From the menu bar select "**View**" → "**Show cell**" → "**General**"
  - Click the "**General**" icon



"**General**" icon (on state)



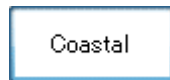
"**General**" icon (off state)

- Click "**General**" in the usage band area at the top of the cell list
- b. This will turn the general level cell display on or off. If set to on, general level cells will be displayed.

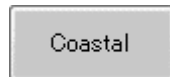
### 5.3.8.3 Coastal

You can show or hide coastal level cells.

- a. Perform one of the following.
  - From the menu bar select "**View**" → "**Show cell**" → "**Coastal**"
  - Click the "**Coastal**" icon



"**Coastal**" icon (on state)



"**Coastal**" icon (off state)

- Click "**Coastal**" in the usage band area at the top of the cell list
- b. This will turn the coastal level cell display on or off. If set to on, coastal level cells will be displayed.



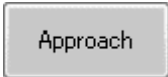
#### 5.3.8.4 Approach

You can show or hide approach level cells.

- a. Perform one of the following.
  - From the menu bar select "**View**" → "**Show cell**" → "**Approach**"
  - Click the "**Approach**" icon



"**Approach**" icon (on state)



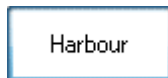
"**Approach**" icon (off state)

- Click "**Approach**" in the usage band area at the top of the cell list
- b. This will turn the approach level cell display on or off. If set to on, approach level cells will be displayed.

#### 5.3.8.5 Harbour

You can show or hide harbor level cells.

- a. Perform one of the following.
  - From the menu bar select "**View**" → "**Show cell**" → "**Harbour**"
  - Click the "**Harbour**" icon



"**Harbour**" icon (on state)



"**Harbour**" icon (off state)

- Click "**Harbour**" in the usage band area at the top of the cell list
- b. This will turn the harbor level cell display on or off. If set to on, harbor level cells will be displayed.

### 5.3.8.6 Berthing

You can show or hide berthing level cells.

- a. Perform one of the following.
  - From the menu bar select **"View" → "Show cell" → "Berthing"**
  - Click the **"Berthing"** icon



**"Berthing"** icon (on state)



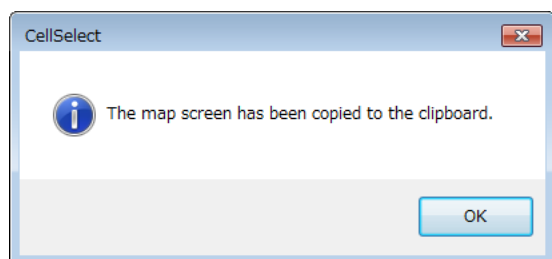
**"Berthing"** icon (off state)

- Click **"Berthing"** in the usage band area at the top of the cell list
- b. This will turn the berthing level cell display on or off. If set to on, berthing level cells will be displayed.

### 5.3.9 Screen Copy

The map display screen can be copied to the clipboard as an image. It can then be pasted to Paint, Word, or another application, saved, and modified for use as an appended figure.

- a. From the menu bar select **"File" → "Screen Copy"**.
- b. A confirmation screen will be displayed.



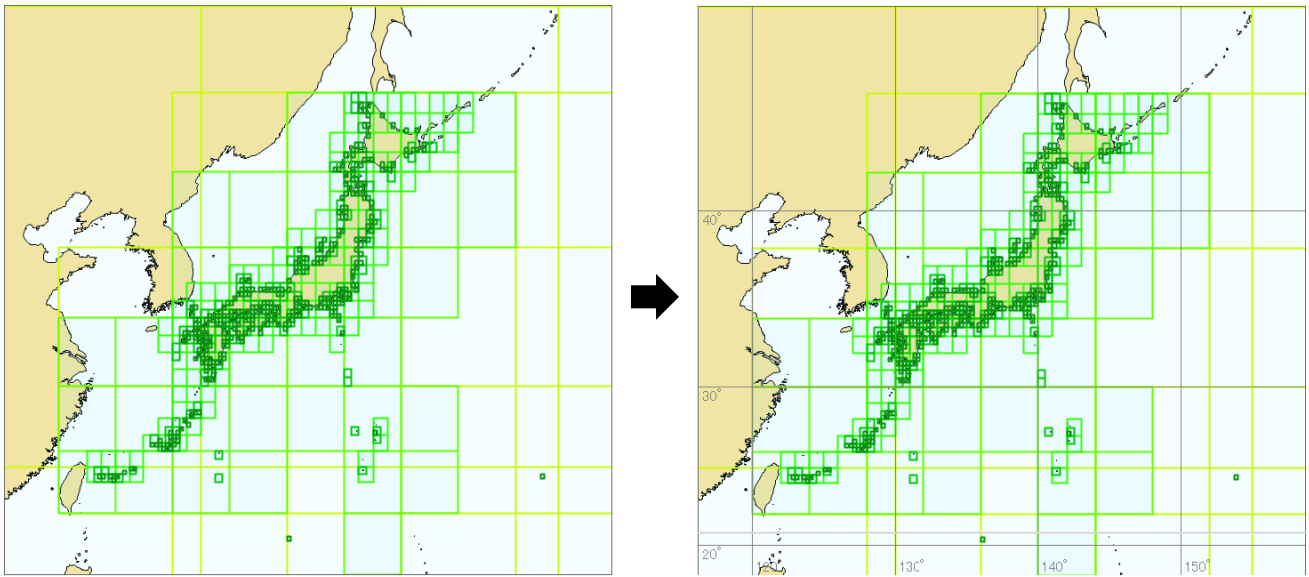
- c. An image will be copied to the clipboard. This image will be valid until the screen copy command is issued again. Save the copied image in Word, Paint, or another application. To save the image, select **"Edit" → "Paste"** from the menu bar of Paint or a similar tool.

### 5.3.10 Show graticule

You can show or hide longitude and latitude lines.

- a. From the menu bar select **"View" → "Show graticule"**.

- b. This will turn the “Show graticule” on or off. If “Show graticule” is set to on, longitude and latitude lines will be displayed on the map.



### 5.3.11 Displaying purchased cells

You can show or hide purchased cells.

- a. From the menu bar select "**View**" → "**Purchased cell**".
- ※ This cannot be selected until a cell permit file is imported during step "2.4 Additional order".
- b. This will turn the purchased cell display on or off. If the purchased cell display is enabled, purchased cells will be displayed in gray on the map.

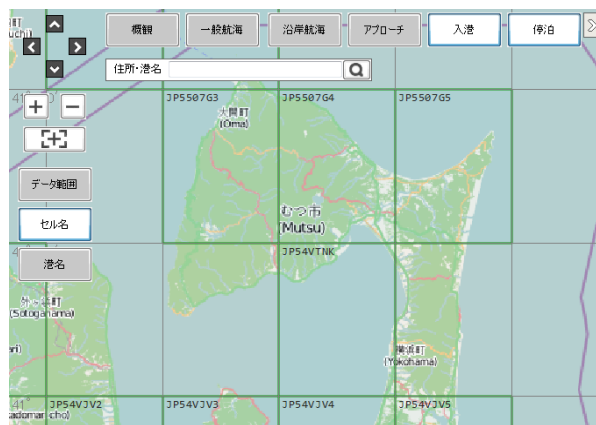
### 5.3.12 Basemap

You can switch the Basemap.

- a. Perform one of the following.
  - From the menu bar select "**Setting**" → "**Basemap**" → "**Normal**"
  - From the menu bar select "**Setting**" → "**Basemap**" → "**GSI Maps**"
  - From the menu bar select "**Setting**" → "**Basemap**" → "**OpenStreetMap**"
- ※ "**GSI Maps**" and "**OpenStreetMap**" acquire map data from the internet, so when it is not possible to connect to the internet the map will not be displayed correctly. This cannot be selected when offline mode is on.
- b. The selected background map will be displayed.



GSI maps



OpenStreetMap

## 5.4 Settings

### 5.4.1 Text size

You can change the text size.

- a. Perform one of the following.
  - From the menu bar select **"Setting"** → **"Font size"** → **"Normal"**
  - From the menu bar select **"Setting"** → **"Font size"** → **"Large"**
- b. The character size will change.

### 5.4.2 Offline mode

You can turn offline mode on or off.

- a. From the menu bar select **"Setting"** → **"Offline mode"**.
- b. This will turn the offline mode on or off. When offline mode is on the following functions will be unavailable.
  - **"Setting"** → **"Basemap"** → **"GSI Maps"** on the menu bar
  - **"Setting"** → **"Basemap"** → **"OpenStreetMap"** on the menu bar
  - ※ If **"GSI Maps"** or **"OpenStreetMap"** are selected for the background map, the mode will automatically switch to **"Normal"**.
  - **"Help"** → **"Update"** → **"Online update"** on the menu bar
  - **"Help"** → **"Update"** → **"Download update file"** on the menu bar
  - Address/port name search function (the search window will be hidden)
  - CellSelect startup update confirmation

### 5.4.3 Show guide when CellSelect is started

You can hide or show the guide that is shown when CellSelect is started.

- a. From the menu bar select **"Setting"** → **"Show guide when CellSelect is started"**.
- b. This will turn the guide that is shown when CellSelect is started on or off. When it is set to on, the guide will be displayed when the software is started.

### 5.4.4 Check for update when CellSelect is started

You can turn update confirmation upon CellSelect startup on or off.

- a. From the menu bar select **"Setting"** → **"Check for update when CellSelect is started"**.
- b. This will turn the CellSelect startup update confirmation on or off. When it is set to on, the software will check for updates on the server when CellSelect is started.

## Data management/help

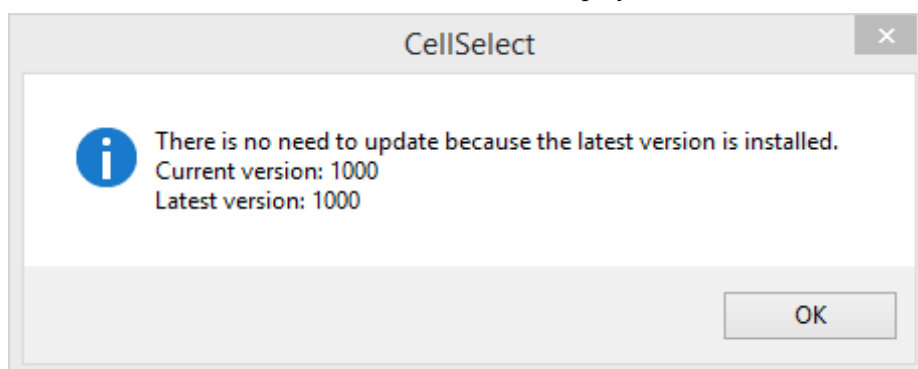
### 6. Data management

#### 6.1 Updating

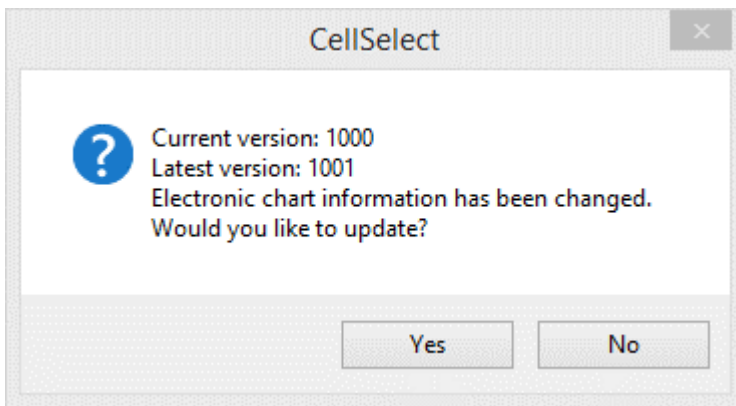
##### 6.1.1 Online update

If the system is connected to the internet, CellSelect can download update information from the download site and update itself.

- a. From the menu bar select "**Help**" → "**Update**" → "**Online update**".
  - ✂ This cannot be selected when offline mode is on.
  - ✂ If the system cannot be updated because the system is not connected to the internet, there is no update information on the server, or other reasons, an error message will be displayed.
- b. CellSelect will check for the latest update information. If CellSelect is already updated to the most current version, the version confirmation screen will be displayed.



- c. If new update information has been released the update confirmation screen will be displayed.

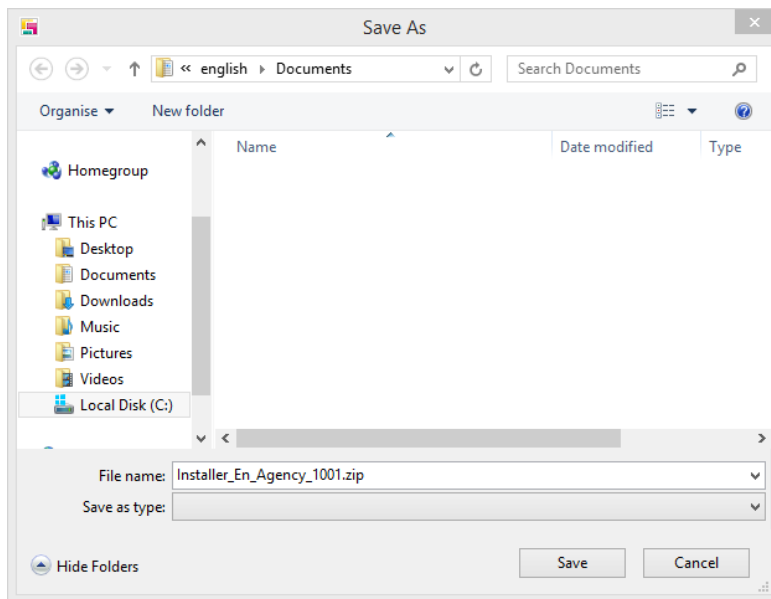


- d. When the "Yes" button is clicked the update information will be downloaded from the server and the software will be updated.

### 6.1.2 Downloading an update file

If the system is connected to the internet, CellSelect can download the latest CellSelect installer from the download site.

- a. From the menu bar select "**Help**" → "**Update**" → "**Download update file**".
  - ⌘ This cannot be selected when offline mode is on.
  - ⌘ If the system cannot be updated because the system is not connected to the internet, there is no update information on the server, or other reasons, an error message will be displayed.
- b. The file save screen will be displayed.



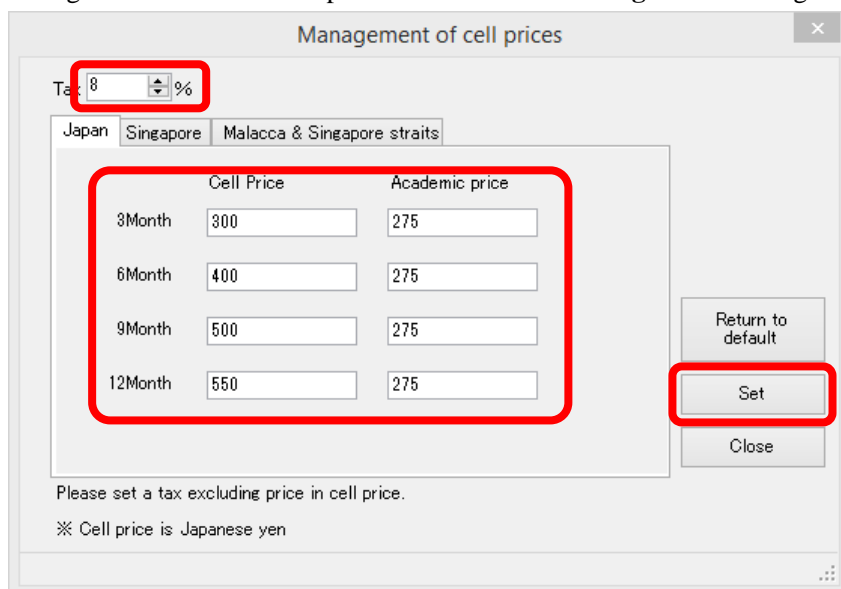
- c. Click the "**Save**" button to save the installer file.



## 6.2 Cell price management

You can set cell prices and tax rates.

- From the menu bar select "**For distributor**" → "**Management of cell prices**".
- The cell price setting screen will be displayed.
- Change the tax rate and cell prices and click the "**Setting**" button to register the tax rate and cell prices.



Management of cell prices

Tax: 8 %

Japan Singapore Malacca & Singapore straits

	Cell Price	Academic price
3Month	300	275
6Month	400	275
9Month	500	275
12Month	550	275

Return to default

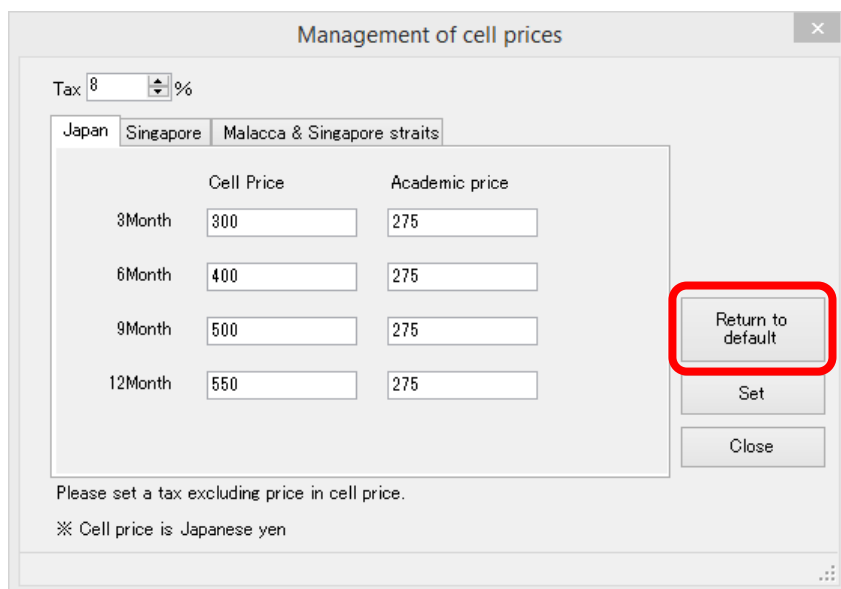
**Set**

Close

Please set a tax excluding price in cell price.

※ Cell price is Japanese yen

- To return the values to their previous values, click the "**Return to default**" button. The tax rate and cell prices will be set to the default values set when CellSelect was first started.



Management of cell prices

Tax: 8 %

Japan Singapore Malacca & Singapore straits

	Cell Price	Academic price
3Month	300	275
6Month	400	275
9Month	500	275
12Month	550	275

**Return to default**

Set

Close

Please set a tax excluding price in cell price.

※ Cell price is Japanese yen

## 7. Help

### 7.1 Basic help

You can display the CellSelect Manual (Basics).

- a. From the menu bar select "**Help**" → "**Manual**" → "**Simple manual**".
- b. The basic manual will be displayed.

### 7.2 Detailed help

You can display the CellSelect Manual (Details).

- a. From the menu bar select "**Help**" → "**Manual**" → "**Main manual**".
- b. The detailed manual will be displayed.

### 7.3 Version information

You can display the current version information for CellSelect.

- a. From the menu bar select "**Help**" → "**About CellSelect**".
- b. The CellSelect version information screen will be displayed.



## 8. File formats

### 8.1 Cell list file format

The cell list file is a text file with one cell per line.

File extension: \*.txt or \*.dat

Ex.)

```
JP12FBI8
MS3IK2EB
MS3OF2TT
```

### 8.2 Paper chart list file format

The paper chart list file is a text file or Excel file containing chart numbers.

#### 8.2.1 Text format

The file is a text file with one chart number per line.

File extension: \*.txt

Ex.)

```
W1
W2
JP5
W10(INT5173)
W40A
W40B
```

#### 8.2.2 Excel format

The file is an Excel file that contains one chart number per line in the A column.

Values in the B or later columns are ignored.

File extension: \*.xls, \*.xlsx

Ex.)

	A	B	C
1	W1		
2	W2		
3	W5		
4	JP5		
5	W10(INT5173)		
6	JP10		
7	W40A		
8	W40B		