



ELECTRONIC CHART CENTRE

Overlap Checker & ENC Coverage User Manual

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Overlap Checker & ENC Coverage User Manual

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Introduction

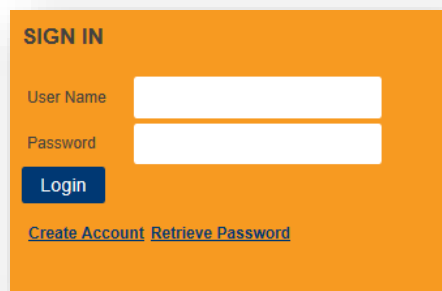
The Overlap Checker gives you the possibility to check for ENC data overlap between all ENC cells in the same usage band in the PRIMAR database. You can create report on individual ENC cells and also on country level.

If you need full overview of the coverage of all available cells in each usage band, that can be found in the “Coverage” menu.

PRIMAR recommend the users to use one of the following internet browsers; Internet Explorer 9+, Google Chrome, Safari or Mozilla Firefox.

Access to the VPN – Check Overlap Candidates

The “Check Overlap Candidates” tool is available via the VPN which is available from the PRIMAR web site: www.primar.org . Direct address is: <https://primar.ecc.no/primar/> This address leads you to the Maritime Digital Channel.

A screenshot of a web application's sign-in interface. The background is a solid orange color. At the top left, the text "SIGN IN" is displayed in white, uppercase letters. Below this, there are two white input fields: the first is labeled "User Name" and the second is labeled "Password". To the left of the "Password" field, the text "Password" is written in a smaller font. Below the input fields is a blue button with the word "Login" in white text. At the bottom of the form, there are two links: "Create Account" and "Retrieve Password", both in a smaller, lighter font.

Sign in menu

The VPN uses a secure ID system for secure login to its services. PRIMAR will provide you with a Username and password to access the services. When login to the PRIMAR services for the first time you must use the user name and the password provided. It is recommended that you change your password after the first login. The password can be changed by selecting the tab My Page – Edit My Profile.

MY PAGE | VPN | MY REPORTS | UPDATE TRACKER

osalans_cov (Stig Osaland) Sign Out

HOME

WELCOME STIG OSALAND

This designated site contains all the relevant information you, as a PRIMAR partner, needs.

It is specifically tailored so that you always have easy access to reports, tools, available products and services and other relevant news from PRIMAR.

INFORMATION

Newstalk added
Abstract text :) [Read More](#)



RENC Description Documents
PRIMAR and IC-ENC have produced Description Documents, providing a high level description of the operation, governance and finances each Regional ENC Co-ordinating Centre organisation. [Read More](#)

New PRIMAR Web Site
Easy access to ENCs and information about our ENC services has become a reality with the re-launch of the PRIMAR website. [Read More](#)

PRIMAR Distributor Seminar
PRIMAR invites all distributors to the annual PRIMAR Distributor Seminar in Stavanger on 31 May 2012 at the Radisson Blu Atlantic Hotel. [Read More](#)

NEWSTALK TEST
Dette er ingress [Read More](#)

▼ AVAILABLE PRIMAR TOOLS AND SERVICES



VPN main page

In the Data Management menu under the VPN tag you will get access to “Check Overlap Candidates”. Click on “Check Overlap Candidates” and you will get access to search for ENC data overlap for all data in the PRIMAR database. Choose the country or RHC that you would like to check by clicking in the search field and then click “Find Overlaps”. For the RHC the list is created based on the member nations. All discovered overlap between nations will be listed.

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MY PAGE | VPN | MY REPORTS | UPDATE TRACKER

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CHECK OVERLAP CANDIDATES

SEARCH

AA IHO

Distance: 5m

Find Overlaps

Coverage

USEFUL LINKS

- PRIMAR DISCUSSION GROUP
- NORWEGIAN HYDROGRAPHIC SERVICE
- INTERNATIONAL MARITIME ORGANIZATION
- INTERNATIONAL HYDROGRAPHIC ORGANIZATION
- ELECTRONIC CHART CENTRE

CONTACT US

- MEDIA CENTRE
- ENC COVERAGE
- PRIMAR PARTNERS

PRIMAR

Check Overlap Candidates

By clicking on the “Report” icon in the upper right corner you will get an option to save an overlap report for the selected country in PDF, CSV or XLSX format.

Example of an overlap Report:

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Overlap Report: Norway

Date: 09.03.2018

Nation	RENC	ENC	UB	Edtn	Updt	Scale	Overlap(km ²)	Comments
Norway	PRIMAR	NO1A3000	1	12	3	1500000	3.540816	
	IC-ENC	DK1GEAST		2	0	3500000		
Norway	PRIMAR	NO1A3000	1	12	3	1500000	3.114041	
	IC-ENC	DK1GNORT		2	0	3500000		
Norway	PRIMAR	NO1A3000	1	12	3	1500000	8.014815	
	IC-ENC	DK1NORSO		27	2	1500000		
Norway	PRIMAR	NO2A0404	2	3	4	350000	(0.000001-)	
	IC-ENC	DK2NORSO		46	12	350000		
Norway	PRIMAR	NO2A0404	2	3	4	350000	(0.000001-)	
	IC-ENC	GB2C2182		16	1	700000		
Norway	PRIMAR	NO2A2852	2	3	28	700000	175.159716	
	PRIMAR	RU2OOKI0		1	5	700000		
Norway	PRIMAR	NO2A3252	2	3	13	700000	1.405210	
	PRIMAR	RU2OOKI0		1	5	700000		
Norway	PRIMAR	NO2A3268	2	2	1	700000	2.373949	
	PRIMAR	RU2OOKI0		1	5	700000		
Norway	PRIMAR	NO2A3668	2	2	1	700000	(0.000001-)	
	PRIMAR	RU2OOKI0		1	5	700000		
Norway	PRIMAR	NO2A4068	2	2	1	700000	0.668136	
	PRIMAR	RU2PGK70		1	0	700000		
Norway	PRIMAR	NO2A4468	2	2	0	700000	0.832822	
	PRIMAR	RU2PGK70		1	0	700000		
Norway	PRIMAR	NO2B0400	2	3	11	350000	(0.000001-)	
	IC-ENC	GB2C2182		16	1	700000		
Norway	PRIMAR	NO2B0412	2	9	3	350000	(0.000001-)	
	IC-ENC	DK2NORSO		46	12	350000		
Norway	PRIMAR	NO2B0800	2	2	16	350000	0.144035	
	IC-ENC	GB2C2182		16	1	700000		
Norway	PRIMAR	NO3A0404	3	1	5	180000	0.763114	
	IC-ENC	GB300272		6	0	180000		
Norway	PRIMAR	NO3B0400	3	2	11	180000	0.037493	
	IC-ENC	GB300278		6	3	180000		

If you want to check one of the reported cells further you have to click on the ENC cell name and you will then have possibility to measure the overlap, highlight the overlap and also to print a pdf file report of the overlap.

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osalans (Stig Osaland) Sign Out

Check overlap candidates

Search

NO Norway

Distance: 5m

Find Overlaps

Coverage

Cell	Title	Overlapping Cells	
NO1A3000	Norskehavet	DK1GEAST DK1GNORT DK1NORSO	▶ Check Overlap/Consistency
NO2A0404	Nordsjøen	DK2NORSO GB2C2182	▶ Check Overlap/Consistency
NO2A2852	Østhavet	RU2O0K10	▶ Check Overlap/Consistency
NO2A3252	Nordkappbanken	RU2O0K10	▶ Check Overlap/Consistency
NO2A3268	Skolpenbanken	RU2O0K10	▶ Check Overlap/Consistency
NO2A3668	Barentshavet	RU2O0K10	▶ Check Overlap/Consistency
NO2A4068	Barentshavet	RU2PGK70	▶ Check Overlap/Consistency
NO2A4468	Barentshavet	RU2PGK70	▶ Check Overlap/Consistency
NO2B0400	NORSKERENNA	GB2C2182	▶ Check Overlap/Consistency
NO2B0412	Skagerrak	DK2NORSO	▶ Check Overlap/Consistency
NO2B0800	NORSKERENNA	GB2C2182	▶ Check Overlap/Consistency
NO3A0404	Nordsjøen	GB300272	▶ Check Overlap/Consistency
NO3B0400	Nordsjøen	GB300278 GB300291	▶ Check Overlap/Consistency
NO3B1200	Nordsjøen	GB300295	▶ Check Overlap/Consistency
NO4D0722	Oslofjorden	SE4EID59	▶ Check Overlap/Consistency

Useful links

- NORWEGIAN HYDROGRAPHIC SERVICE
- INTERNATIONAL MARITIME ORGANIZATION
- INTERNATIONAL HYDROGRAPHIC ORGANIZATION
- ELECTRONIC CHART CENTRE

CONTACT US

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- PRIMAR PARTNERS

PRIMAR®

Overlap list for chosen country

Functionality for distance measuring, highlighting, printing and zoom in/out is available in the upper left corner of the chart view. To pan the chart uses drag and drop by clicking the left mouse button.

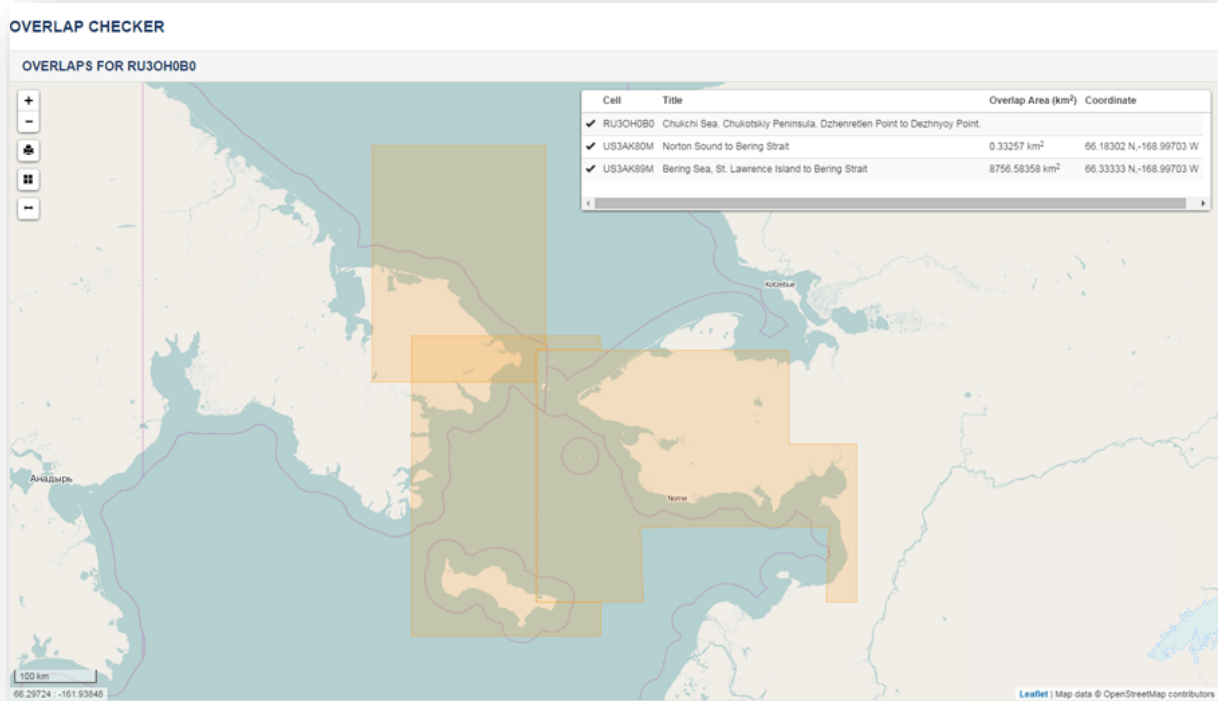


Distance measuring: Click on the “Distance” icon left click mouse button on start point, move cursor to end point and left click mouse button once more. The distance between the two points is being measured. To “remove” measurement click on the “X” next to the measured distance.

Pan function: click somewhere in the chart and drag to wanted position. The left/right/up/down arrows on the keyboard can also be used to navigate the chart.

Zoom function: The +/- button can be used to zoom in/out, also the mouse scroll button can be used.

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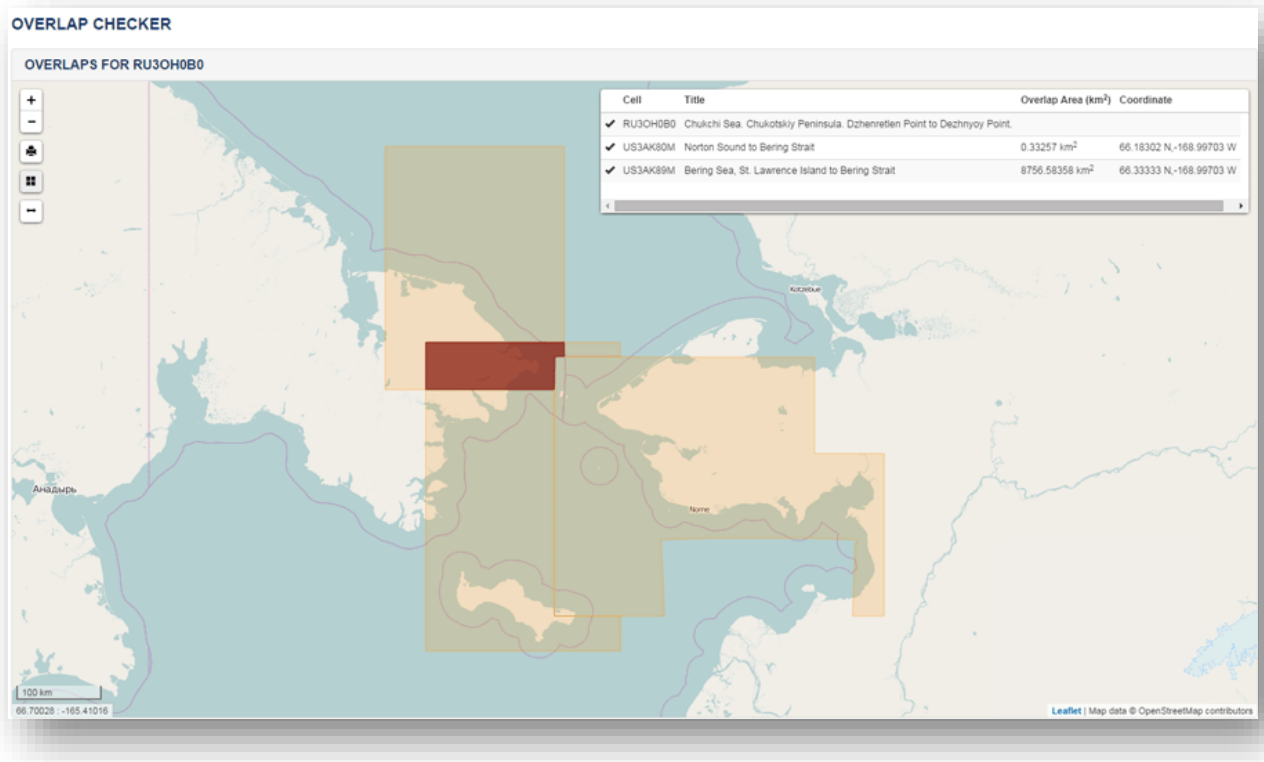


Check Overlap



Highlight Overlaps: By clicking on the button Highlight overlaps the overlapping coverage will be marked in the chart view. In the list of overlapping cells, the column "Overlap Area (km²)" show a calculated size of overlapping areas.

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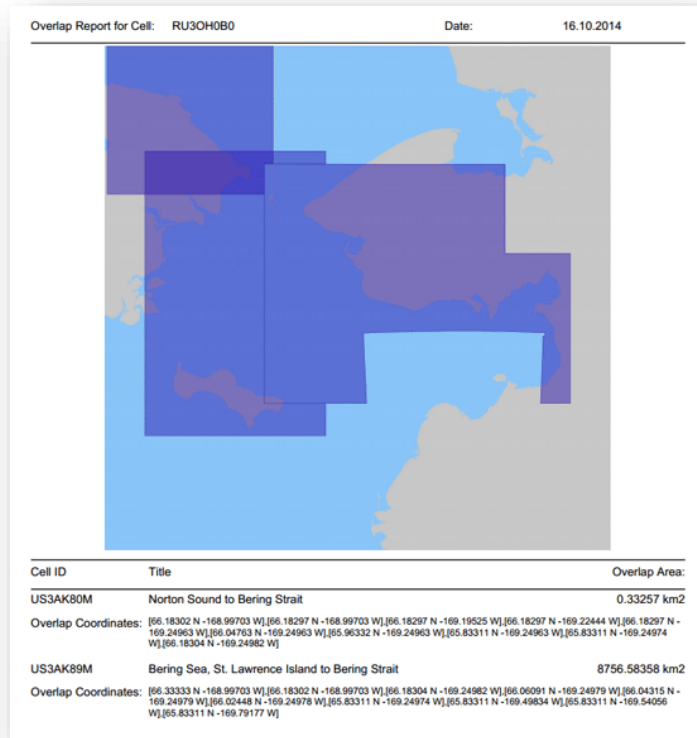


Show Overlap



Printable version: There is a possibility to create a PDF-file by clicking on the Print icon. The report contains a graphical image of the overlapping ENCs, the calculated size and coordinates references of overlapping areas.

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PDF report

If you would like to check the overlap and be able to see details of the ENCs in the border area you have to click on “Check Overlap/Consistency” on the righthand side.

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MY PAGE | VPN | MY AGREEMENT | VRC | INSPECTOR | MY REPORTS | UPDATE TRACKER Administration

osalans (Stig Osaland) Sign Out

Check overlap candidates

Search

NO Norway

Distance: 5m

Find Overlaps

Coverage


Cell	Title	Overlapping Cells	
NO1A3000	Norskehavet	DK1GEAST DK1GNORT DK1NORSO	▶ Check Overlap/Consistency
NO2A0404	Nordsjøen	DK2NORSO GB2C2182	▶ Check Overlap/Consistency
NO2A2852	Østhavet	RU20OK10	▶ Check Overlap/Consistency
NO2A3252	Nordkappbanken	RU20OK10	▶ Check Overlap/Consistency
NO2A3268	Skolpenbanken	RU20OK10	▶ Check Overlap/Consistency
NO2A3668	Barentshavet	RU20OK10	▶ Check Overlap/Consistency
NO2A4068	Barentshavet	RU2PGK70	▶ Check Overlap/Consistency
NO2A4468	Barentshavet	RU2PGK70	▶ Check Overlap/Consistency
NO2B0400	NORSKERENNA	GB2C2182	▶ Check Overlap/Consistency
NO2B0412	Skagerrak	DK2NORSO	▶ Check Overlap/Consistency
NO2B0800	NORSKERENNA	GB2C2182	▶ Check Overlap/Consistency
NO3A0404	Nordsjøen	GB300272	▶ Check Overlap/Consistency
NO3B0400	Nordsjøen	GB300278 GB300291	▶ Check Overlap/Consistency
NO3B1200	Nordsjøen	GB300295	▶ Check Overlap/Consistency
NO4D0722	Oslofjorden	SE4EID59	▶ Check Overlap/Consistency

Useful links

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You then have the possibility to check the overlap showing the content of the ENCs in the overlapping areas. There is also a style menu where you can choose different presentation of the ENC.

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The screenshot displays the 'Overlap & Consistency Checker' web application. The top navigation bar includes links for 'MY PAGE', 'VPN', 'MY AGREEMENT', 'VRC', 'INSPECTOR', 'MY REPORTS', and 'UPDATE TRACKER'. The user is logged in as 'osalans (Slig Osaland) Sign Out'. The main title is 'Overlap & Consistency Checker'. The map shows a coastal area with several overlapping ENC cells, each represented by a different colored circle. The right-hand side features a control panel with an 'Overlaps' table, a distance slider set to 5m, and an 'S-57 Layer Order' section. The 'Overlaps' table has columns for Cell ID, EDTN, UPDN, Reissue, and Visibility. The 'S-57 Layer Order' section lists 'RU200K0,1.5.0' and 'NO2A2852,3.27.0'. Below the map is a 'Pick Report' section with a 'Selected for compare: RU200K0,1.5.0' indicator and an 'Object Class' table.

Cell ID	EDTN	UPDN	Reissue	Visibility
<input checked="" type="checkbox"/> RU200K0	1	5	0	<input type="checkbox"/>

Object Class	NO2A2852,3.27.0	RU200K0,1.5.0
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Pick a cell from the overlap list on the righthand side. To be able to compare objects/attributes in 2 ENC cells, click on the compare button and when you then click in the ENC cells the objects/attributes for the 2 ENC cells will be listed in the pick report.

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Pick Report		Selected for compare: DK2NORSO,46,12,0
Object Class	NO2B0412,9,3,0	DK2NORSO,46,12,0
M_NSYS	MARSYS: IALA A Record ID: FE0000002990	MARSYS: IALA A Record ID: FE0000001227
M_NPUB	NTXTDS: NO2INFOB.TXT TXTDSC: NO2INFOA.TXT Record ID: FE0000002986	TXTDSC: DKNOTE78.TXT Record ID: FE0000001230 INFORM: Conversion Table NINFOM: Omregningstabel PICREP: DKCONVE4.TIF TXTDSC: DKNOTE96.TXT Record ID: FE0000001634
M_QUAL	CATZOC: zone of confidence C Record ID: FE0000002988	CATZOC: zone of confidence D Record ID: FE0000001744
EXEZNE	NATION: NO SCAMIN: 1499999 Record ID: FE0000003845	NATION: DK Record ID: FE0000001225
M_COVR	CATCOV: coverage available Record ID: FE0000000004 CATCOV: no coverage available Record ID: FE0000001483	CATCOV: no coverage available Record ID: FE0000001229 CATCOV: coverage available Record ID: FE0000001260
DEPARE	DRVAL1: 50 DRVAL2: 100 Record ID: FE0000001851	DRVAL1: 50 DRVAL2: 75 Record ID: FE0000001198
SEAARE		OBJNAM: Nordseen SCAMIN: 1499999 Record ID: FE0000001630

You can adjust the visibility by moving the visibility bar.

Zoom function: The +/- button can be used to zoom in/out, also the mouse scroll button can be used.



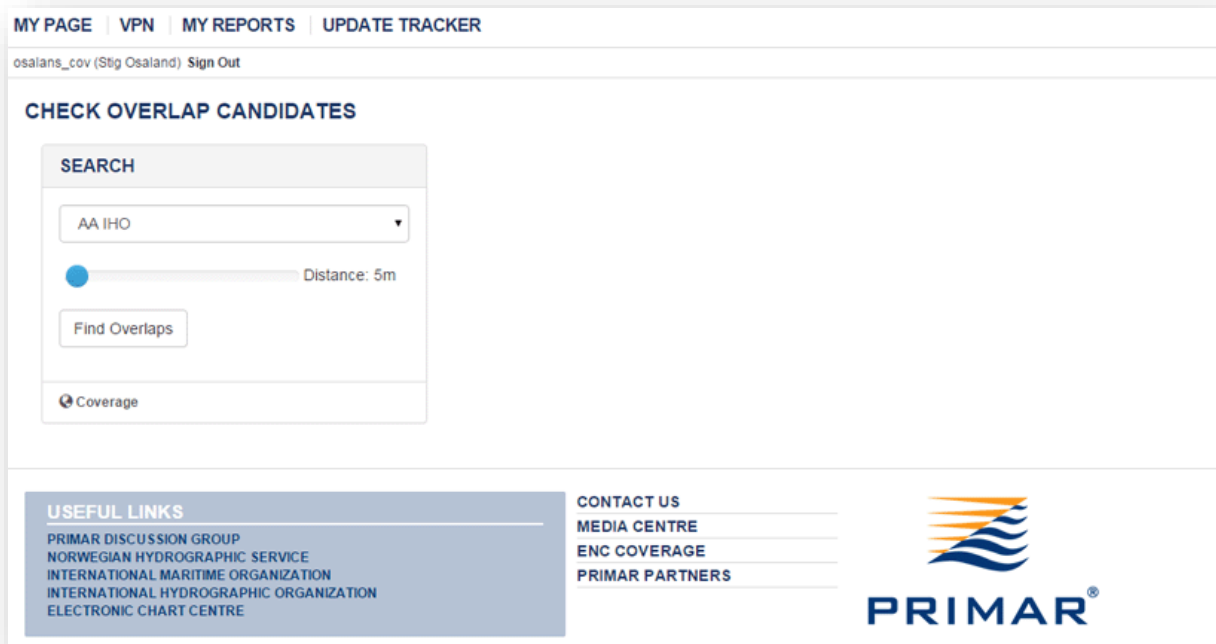
Highlight Overlaps: By clicking on the button Highlight overlaps the overlapping coverage will be marked in the chart view.



Distance measuring: Click on the “Distance” icon left click mouse button on start point, move cursor to end point and left click mouse button once more. The distance between the two points is being measured. To “remove” measurement click on the “X” next to the measured distance.

Coverage

In the main menu you have the coverage option under VPN tag. If you click on the “coverage” button you will get access to view the coverage of all ENC cells in the PRIMAR database. In released view you will see all ENCs available from PRIMAR, and in the pre-released view you will see all the ENC cells that are in the validation process and soon will be released.



This chart view shows the coverage for all data available depending on the options chosen. It is possible to zoom in/out and pane around using +/- or drag and drop by using the left mouse button.

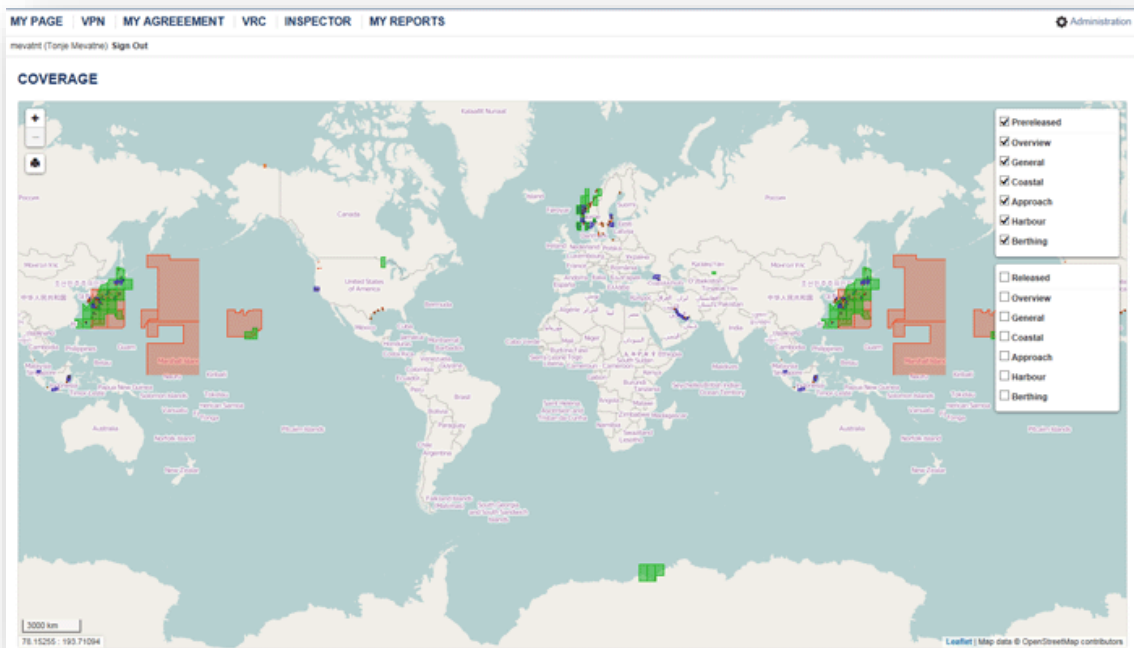
The Prerelease Layer shows the coverage for all ENCs in the pre-released database, this option is default. To activate all ENCs in the released database click on Release layer and the relevant usage band then the chart view shows coverage for all ENCs available in the PRIMAR database. It is possible to turn the usage band on and off by clicking in the “boxes”.

If you click on cells available in the released/prerelease database the cell names and relevant cell information will pop up. Title is not available for cells that are not in the service yet.

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- Prereleased
- Overview
- General
- Coastal
- Approach
- Harbour
- Berthing

- Released
- Overview
- General
- Coastal
- Approach
- Harbour
- Berthing



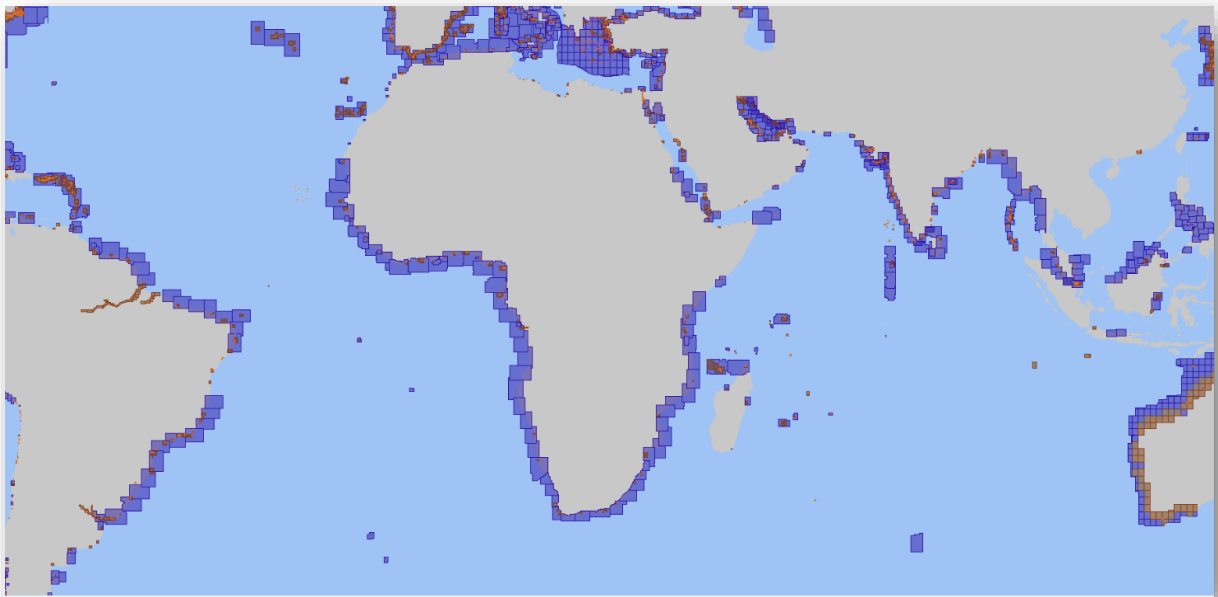
Coverage overview

If you would like to get more information about a cell, you can click on the ENC cell in the chart view. You will then get the cell name, edition and update number and title of the cell information in the pick report.

Cell	Title	EDTN	UPDN	REISSUE	
NO2A5252	Polhavet	2	1	0	VRC Report

Pick report information

If you need to print from the coverage view, that can be done by creating a png file by clicking on the print icon in the upper left corner.



Print of coastal and approach coverage

