



Kartverket

Digitizing NP's

"From book to app"

" From pull to push"

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NHS strategic task

- *To ensure safe and effective navigation by means of making marine geographic information available in a cost-effective and user-friendly way to all with an interest in the maritime and marine domain of Norway.*
- *Safety of navigation has the highest priority. The need for integrated maritime and marine services and products will be met through targeted MSDI activities with other government and private actors.*

Historical background



- Our nautical publication *Den norske los* is an important tool and source of information for the mariner, both during the planning and execution of a voyage through Norwegian waters.
- *It contains sailing directions, information on fairways, ports, berthing and anchor positions, distance tables, etc.*
- But also meteorological, wind and tidal information can be found here.

The digitized pilot guide should:



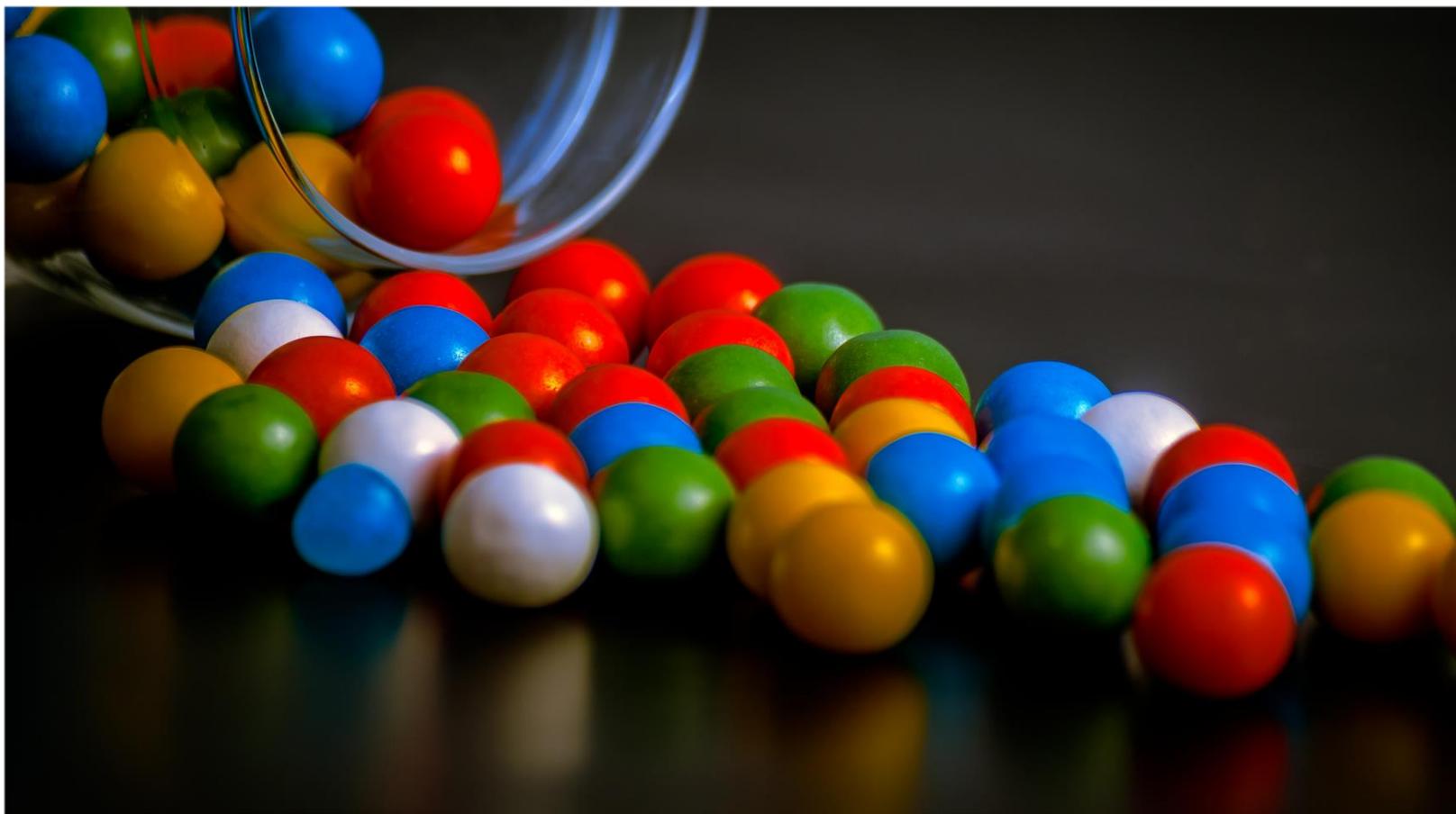
- Lead to increased use among mariners and other users.
- Become the preferred medium for relevant stakeholders to get the information they need.
- Have an almost realtime update frequency
- Be a simpler distribution model for providing new content to end-users.

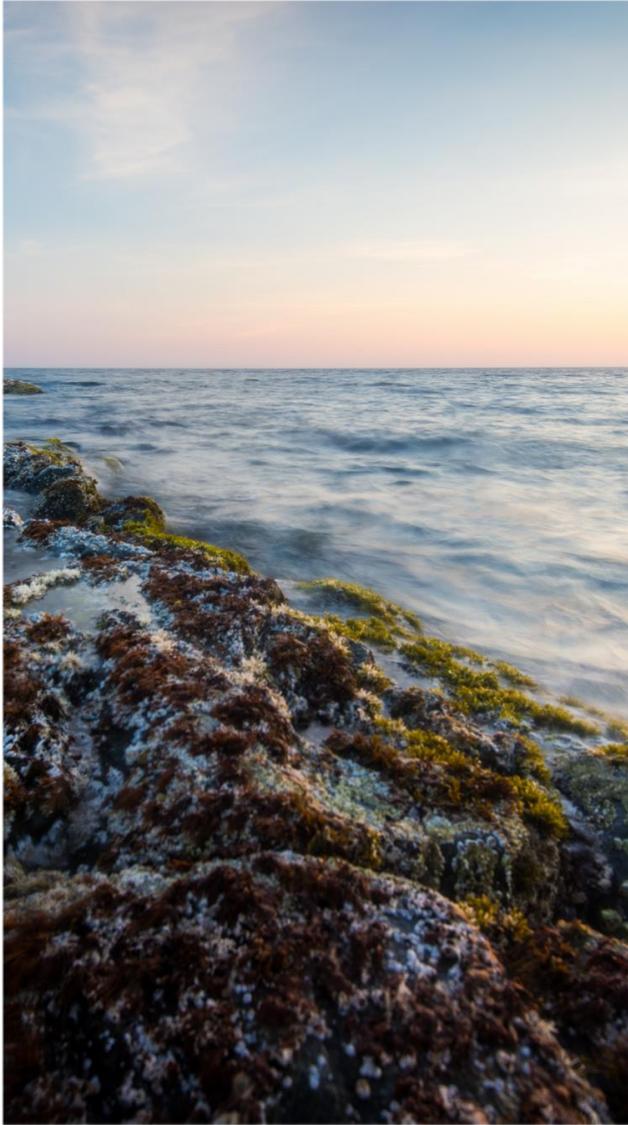
Prerequisites for the new NP



- Based on official Norwegian ENC's
- Suitable for iPad/Android use and available offline
- All content that can be georeferenced, will (eventually) be saved in a database for presentation on a nautical chart.
- NHS shall be able to maintain the NP herself.

Relevant content





- **General information** (book 1)
 - Regulations
 - Marine protected areas
 - Prohibited/dangerous areas Strøm
 - Delimitations
 - Flags
 - Laws and rules
 - General sailing directions
 - etc.

Services from the Norwegian Coastal Administration



- Fairways
- Pilot Services
- Ship's speed regulations
- Ships traffic and AIS
- Harbours
- Emergency harbours
- Lighthouses and other aids to navigation
- Relevant regulations
- Shipping monitoring
- Coastal weather forecasts
- Wave warnings
- Coastal information

Harbour info

- Anchoring
- Fuel
- Berthing
- Harbour regulations
- Current and tidal information
- Contact details
- Sailing directions
- Fishing harbours



Tidal info

Stavanger (Rogaland)

★ Add to My Places

</>

Closest station: [Stavanger](#) | Time difference: 0 min | Height Correction factor: 1.00

Tides

Water level

Future sea level

Land uplift

Statistics

REFERENCE LEVEL

- Chart Datum
- Mean Sea Level
- NN 1954

CONTENT IN TABLE

- High and low water
- Every hour
- Every 10 minutes

TIME PERIODE

From: 23 Sep, 16

To: 26 Sep, 16

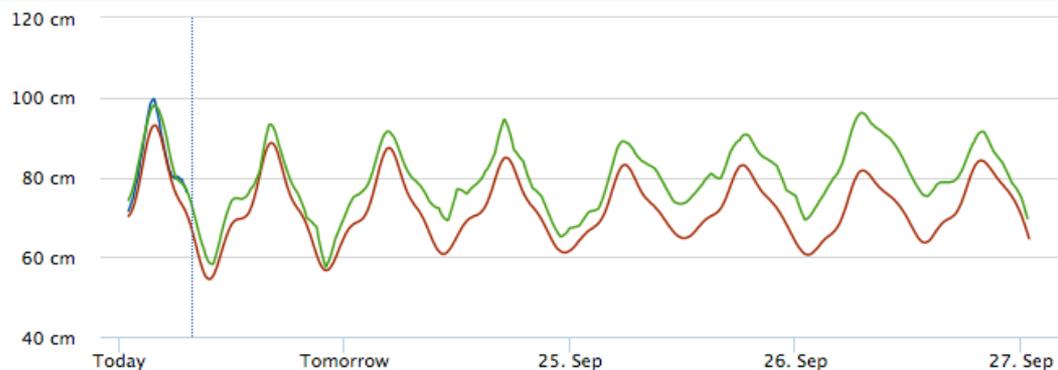
Show

DOWNLOAD

PDF

Other formats

Next 4 days



Observed water level | Predicted tidal water | Water level forecast | Weather effect

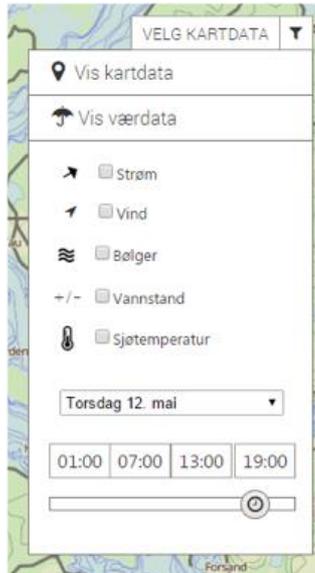
Today, 23. September 2016

High/low	Time	Predicted tidal water
	03:47	93 cm
	09:36	54 cm
	16:13	89 cm
	22:03	57 cm

Tomorrow, 24. September 2016

High/low	Time	Predicted tidal water
	04:43	87 cm
	10:30	61 cm
	17:11	85 cm
	23:24	61 cm

Weather forecast

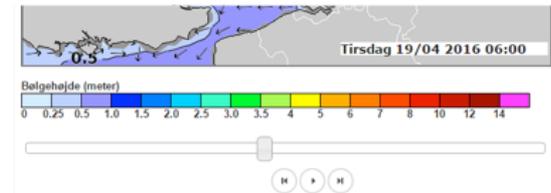


I dag, mandag 06.06.2016

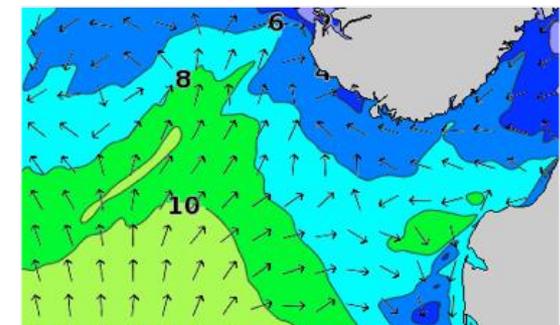
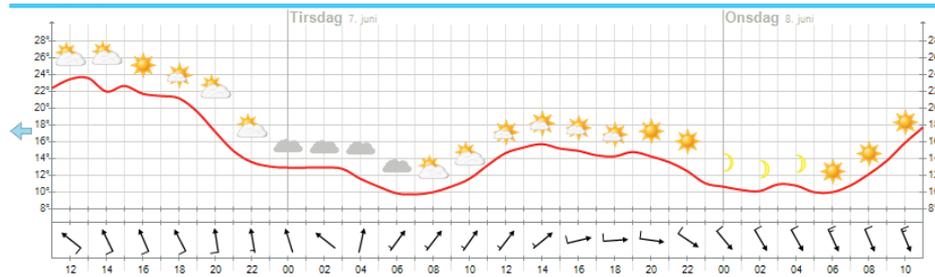
Tid	Varsel	Temp.	Nedbør	
kl 11–12		21°	0 mm	↙ Svak vind, 2 m/s fra vest-nordvest
kl 12–18		20°	0 mm	↙ Svak vind, 3 m/s fra vest-nordvest
kl 18–24		20°	0 mm	↙ Flau vind, 2 m/s fra nordvest

I morgen, tirsdag 07.06.2016

Tid	Varsel	Temp.	Nedbør	Vind
kl 0–6		14°	0 – 0,1 mm	↗ Svak vind, 2 m/s fra sørvest



Meteogram, neste 48 timer



Notices to mariners

Etterretninger for sjøfarende

FIND NOTICES TO MARINERS AND TRACINGS

Enter chart number

Enter chart number



Limit search

- Latest Efs edition
- New notices since last visit
- All notices from chosen chart(s)
- Choose date

Text search

Enter search word

Reset search

★ Save search

Display notices

Miscellaneous Notices to Mariners

Important notices and information about the use of the Norwegian NM, Etterretninger for sjøfarende (Efs) can be found here. The Norwegian HydrographicService emphasizes that the complete pdf version the Efs is the official document.

[Read more](#)

★ My searches

You have no saved searches

Limit search list:

[All](#) [Chart corrections](#) [Printing of Charts](#) [Temporary and preliminary\(T/P\)](#)

BARENTSHAVET

Kart/Chart(s): 323 og 324

55975. * Vest-Finnmark. Magerøysundet. Sarnesfjorden. Lysbøye etablert. Kartrettelse.

Påfør Vestre Grunnen lysbøye (BRB), **FI(2) W 5s**, i følgende posisjon:

WGS84 DATUM

70° 56.86' N, 25° 45.89' E

Kart: 323, 324. Fyrnr. 943650. (Kystverket T&F, 6. september 2016). (KildelID 70000).

* Vest-Finnmark. Magerøysundet. Sarnesfjorden. Light buoy. Chart correction.

Insert Vestre Grunnen light buoy (BRB), **FI(2) W 5s**, in the following position:

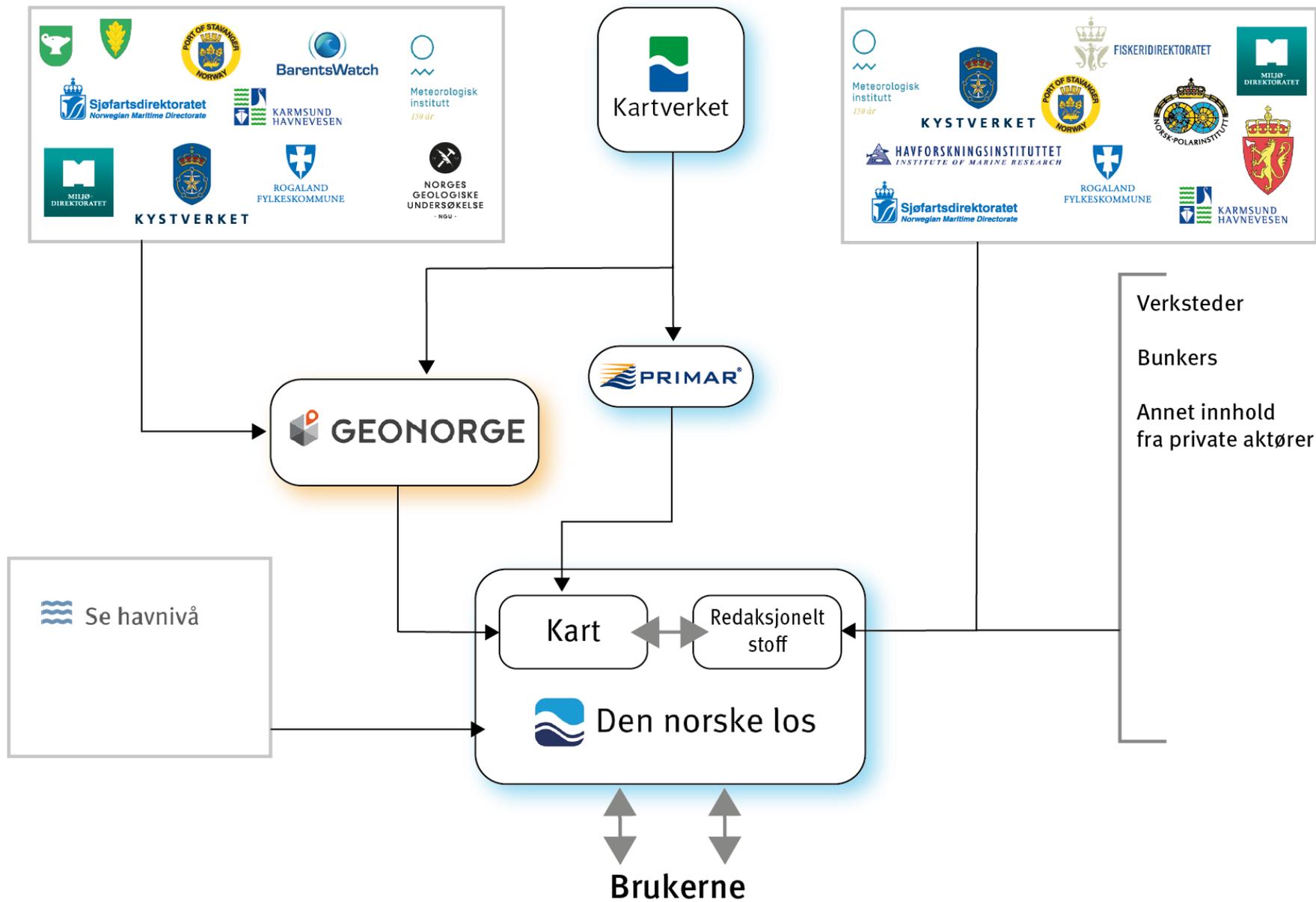
WGS84 DATUM

70° 56.86' N, 25° 45.89' E

Charts: 323, 324. Light No. 943650.

Symbols and abbreviations







Relevant functions



- **My pages**
 - **Voyage planning**
 - **Search**
 - **Offline available**
 - **Integrated with ECDIS**
 - Import or export of routes
 - **Feedback function**
-
- **Test version ready in 2017**
 - **Hva mente du med social function? Facebook osv?**

