63th NHC Meeting
9 – 11 April 2019
Helsinki, FINLAND

Agenda item E.2
Management SE HO
Sweden

Information Paper
New management implemented at the Swedish HO

Summary

During 2018, the Swedish Hydrographic Office has implemented a new management structure with three management blocks, process-, information- and system management. The main reason has been to divide system management from information and process management, which previously were integrated.
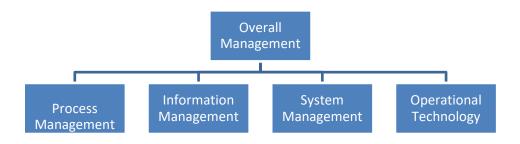
Background

Since digital production was implemented, at the Swedish Hydrographic Office in the 1990s, management of the production systems (software) and management of the information stored in the systems have been very much integrated. There were reasons to keep the management of both the system and the information together, but drawbacks were identified. Management of information is mainly about data quality assurance, which is essential for instances offering geographic data. Optimizing a system and optimizing the actual information can be quite different tasks and sometimes they stand against each other.
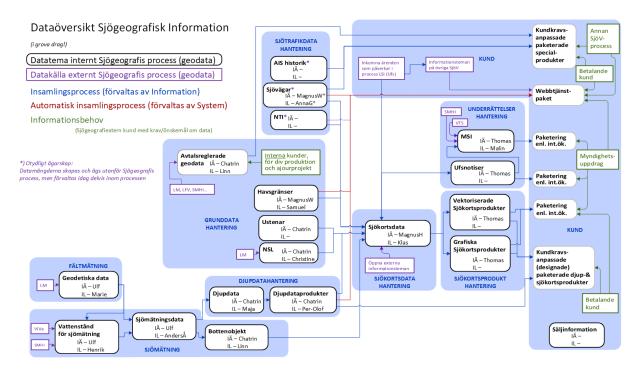
Implementation

To separate information management from system management, a separate information management structure has been set up which is closely connected to the process management. The structure is built on identified data themes, grouped to *management products*, related to the process, such as bathymetry, sea traffic and charts. Each process-component, it-component and technical component is to support the themes within the *management product*.

The information management is overall responsible for the quality requirements and criteria for a specific area of information, such for example bathymetry data. At the same time the bathymetry management is responsible for the process of producing the data.

Operational Technology - technical system components- such as multibeam echosounders and GNSS equipment for the hydrographic surveying, has as before a separate management.

To still have a close co-operation between system management and information management, we have defined "managements products" based on the area of information. See illustration below (unfortunately only in Swedish). Identical with the respective system management plan and process management plan, a yearly information management plan will be produced.

Dataöversikt Sjögeografisk Information

(i grova drag!)

- Datatema internt Sjögeografis process (geodata)
- Datakälla externt Sjögeografis process (geodata)
- Insamlingsprocess (förvaltas av Information)
- Automatisk insamlingsprocess (förvaltas av System)
- Informationsbehov
  (Sjögeografiextern kund med krav/önskemål om data)

*) Otydligt ägarskap:
Datamängderna skapas och ägs utanför Sjögeografis process, men förvaltas idag delvis inom processen

SJÖTRAFIKDATA HANTERING

AIS historik* IÄ – / IL –
Sjövägar* IÄ – MagnusW* / IL – AnnaG*
NTI* IÄ – / IL –

Inkomna ärenden som påverkar i process LSI (Ufs)
Informationsteman på övriga SjöV

GRUNDDATA HANTERING

Avtalsreglerade geodata IÄ – Chatrin / IL – Linn
LM, LFV, SMHI...
Havsgränser IÄ – MagnusW / IL – Samuel
Ustenar IÄ – Chatrin / IL –
NSL IÄ – Chatrin / IL – Christine
LM

Interna kunder, för div produktion och ajourprojekt

FÄLTMÄTNING

Geodetiska data IÄ – Ulf / IL – Marie
LM

SJÖMÄTNING

Vattenstånd för sjömätning IÄ – Ulf / IL – Henrik
ViVa
SMHI
Sjömätningsdata IÄ – Ulf / IL – AndersÅ

DJUPDATAHANTERING

Djupdata IÄ – Chatrin / IL – Maja
Djupdataprodukter IÄ – Chatrin / IL – Per-Olof
Bottenobjekt IÄ – Chatrin / IL – Linn

SJÖKORTSDATA HANTERING

Sjökortsdata IÄ – MagnusH / IL – Klas
Öppna externa informationsteman

UNDERRÄTTELSER HANTERING

SMHI
VTS
MSI IÄ – Thomas / IL – Malin
Ufsnotiser IÄ – Thomas / IL –

SJÖKORTSPRODUKT HANTERING

Vektoriserade Sjökortsprodukter IÄ – Thomas / IL –
Grafiska Sjökortsprodukter IÄ – Thomas / IL –

KUND

Kundkravsanpassade paketerade special-produkter
Webbtjänst-paket
Paketering enl. int.ök.
Paketering enl. int.ök.
Paketering enl. int.ök.
Kundkravsanpassade (designade) paketerade djup- & sjökortsprodukter
Säljinformation IÄ – / IL –

Annan SjöV-process
Betalande kund
Myndighets-uppdrag
Betalande kund

Actions requested from NHC63

The NHC63 is invited to:

- Note this report