

Megarip

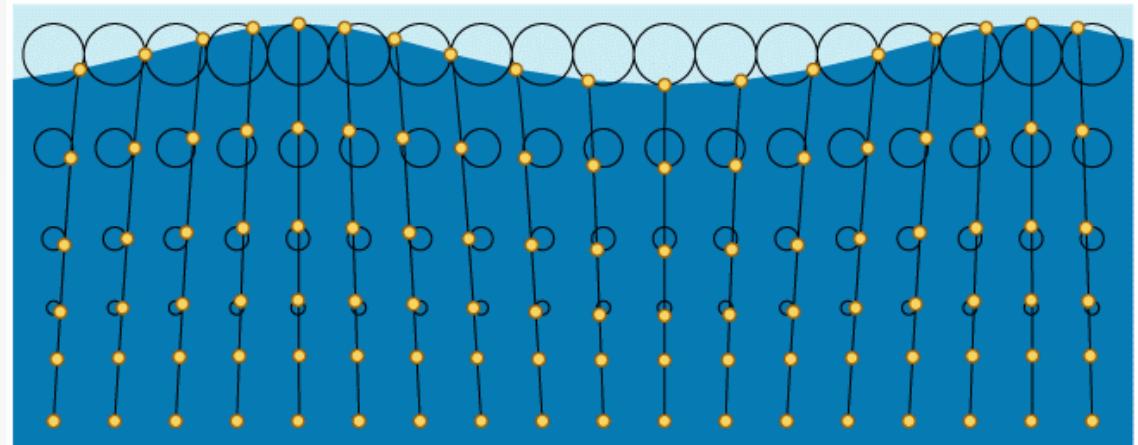
- Aldugjört rák á Sandsvág

Øystein Patursson
Fiskaaling

Aliráðstevnan 2018
2 mars 2018
Hotel Føroyar

Sjógvørslur í aldu

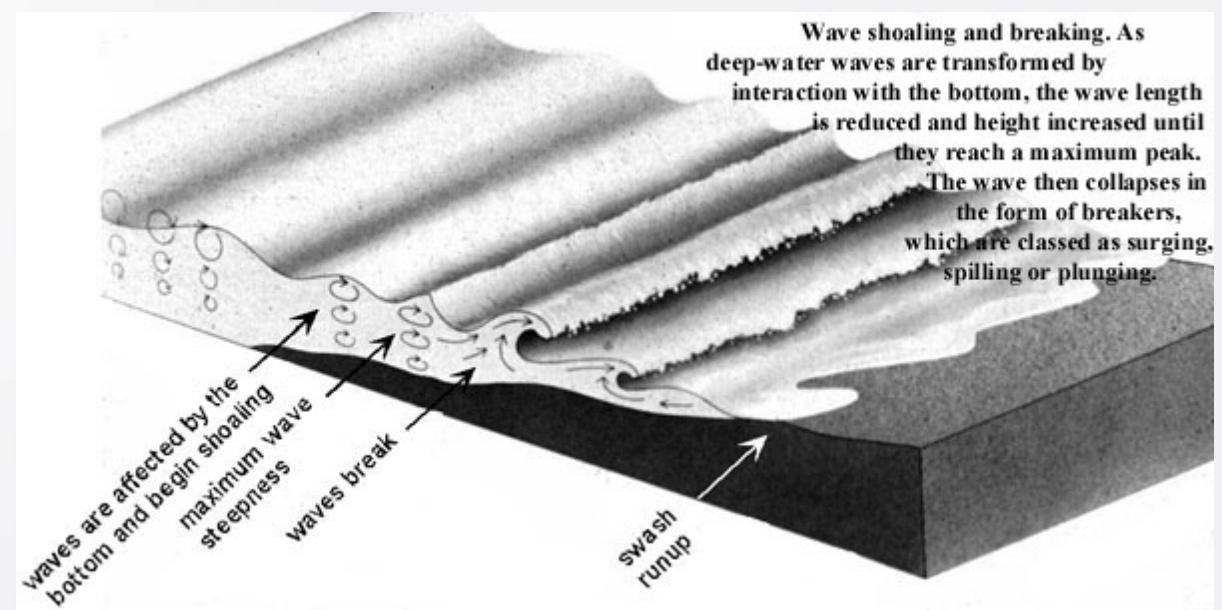
Djúpt vatn



<https://www.saddleback.edu/faculty/jrepka/notes/rayleighwave.gif>

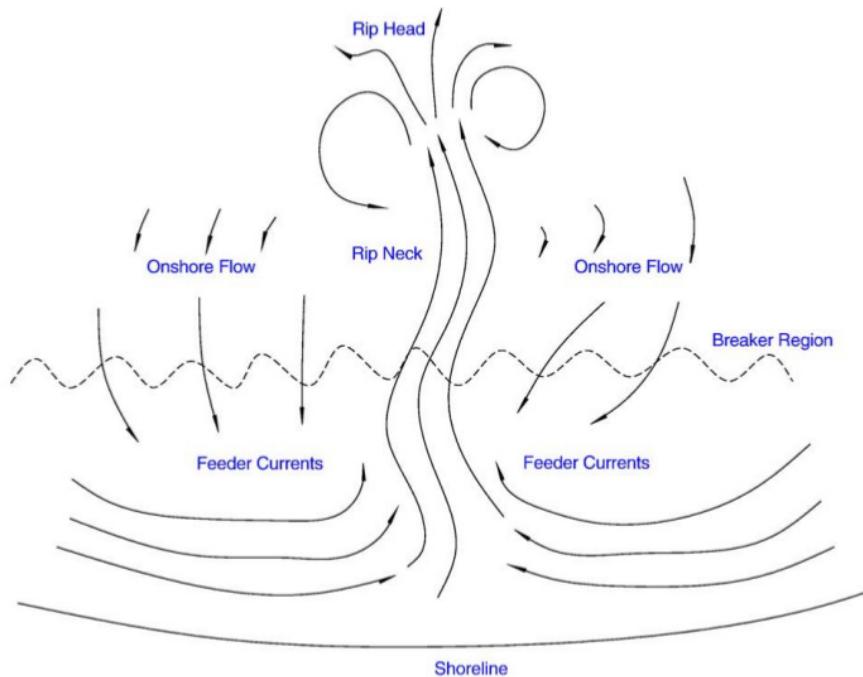
Brótandi aldur

Brot um grunnan rygg ringast



Rip streymar

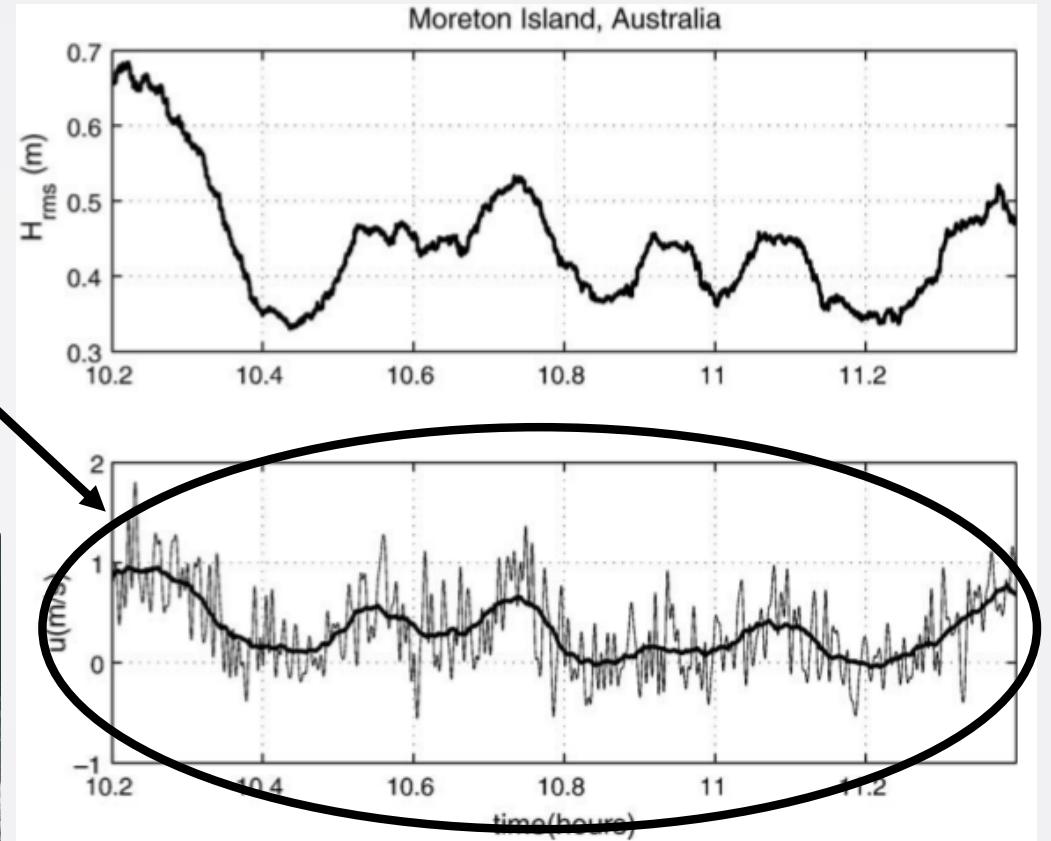
- Aldur skumpa sjógv undan sær tá tær bróta
- Sjógvurin skal renna útaftur onkrastaðni.
 - “rip currents”
- Tilvildarlig staðsetning
- Vera sundurbrotnir tá aldan verður størri enn eitt vist



Rip streymar

Stór variátion í ferð
Fylgir aldugrupsperiðu (1-5min)

Støðugur rætningur



MacMahan et al 2006

Megarip

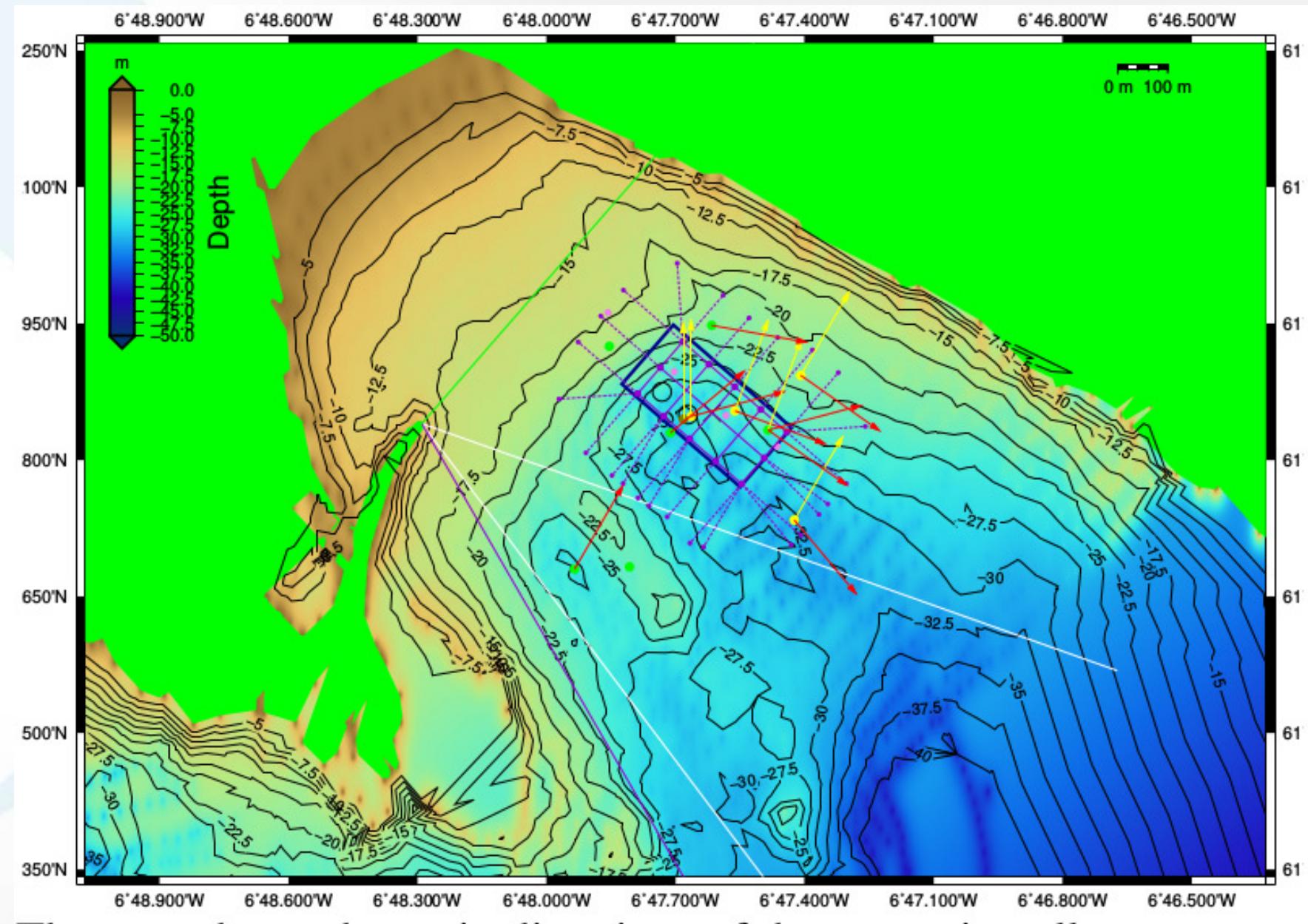
-Topographically controlled rip current

- Rip streymur
- Stýrdur av lendinum
- Verður sterkari sum aldan veksur
- Rip parametur
 - Megarip: $\delta' < 8$
- Sandsvág
 - Megarip tá Hsig > 9m



Sandsvág

Aldugjört rák í stórari aldu av vesturættum



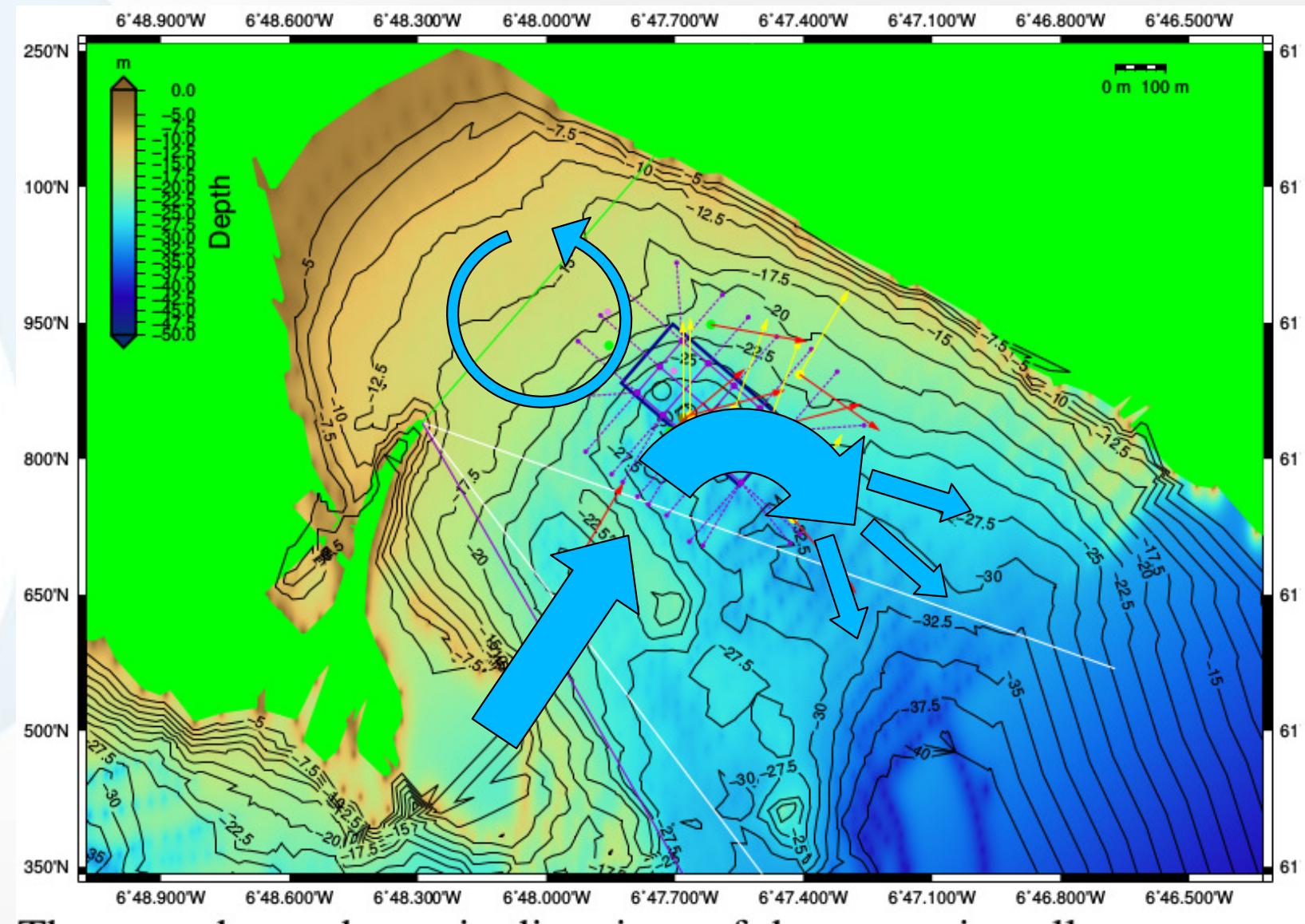
24 Dec. 2016



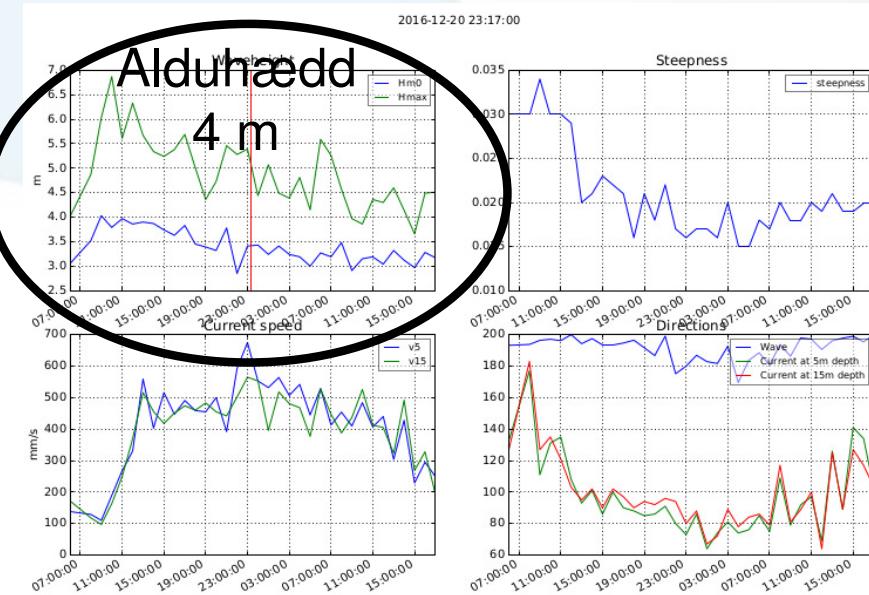
Megarip

Hm0 á økinum > 2.5m

Hm0 vestanfyri > 9m

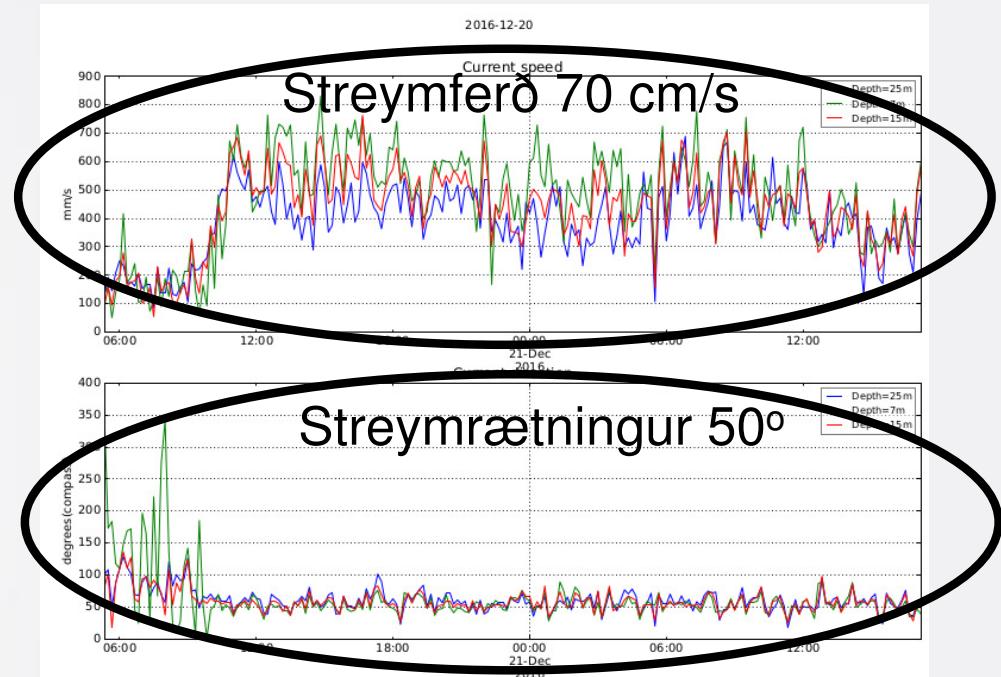


20 Dec. 2016



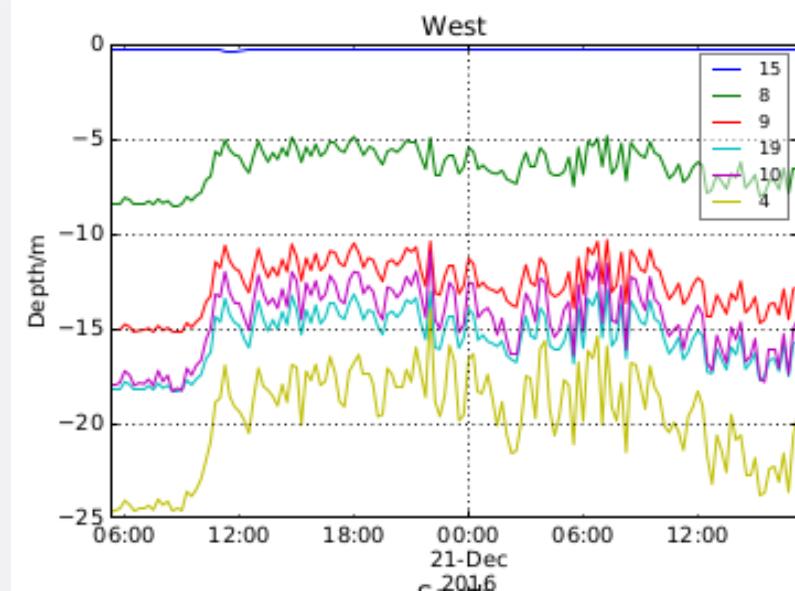
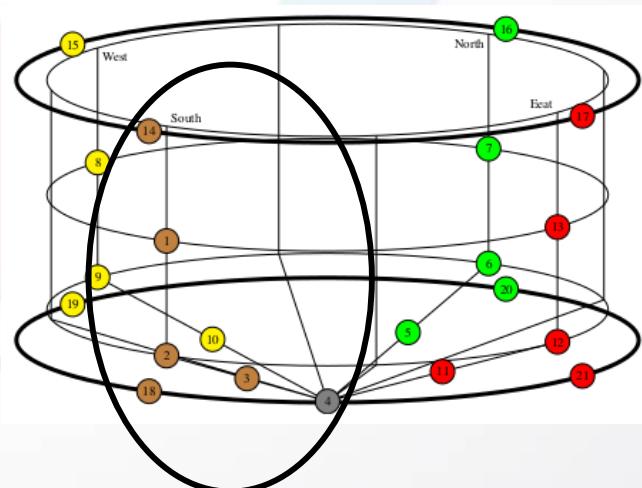
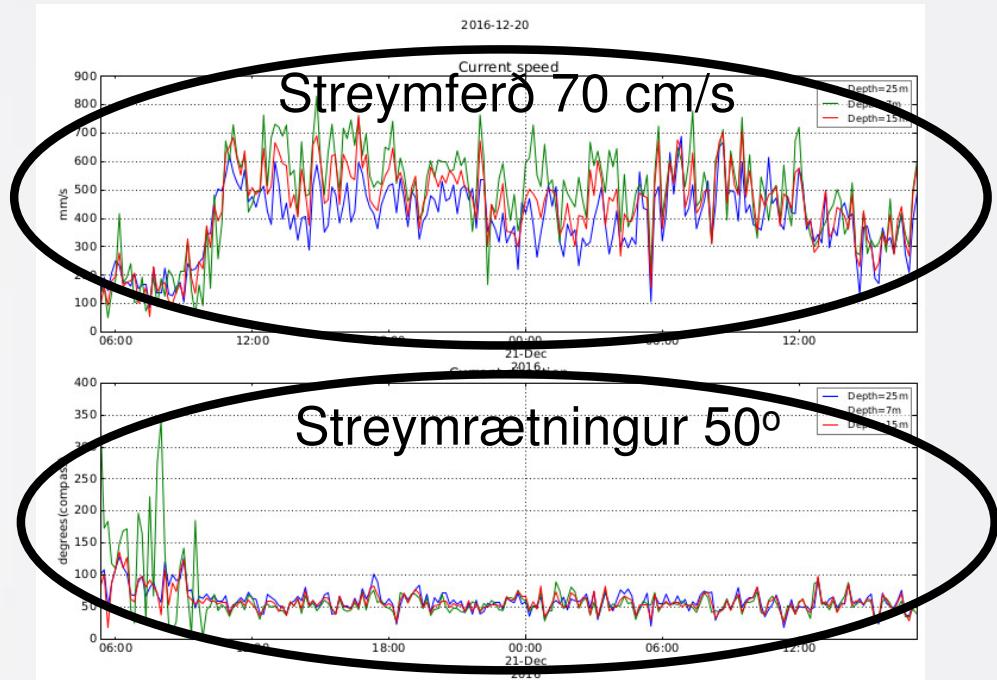
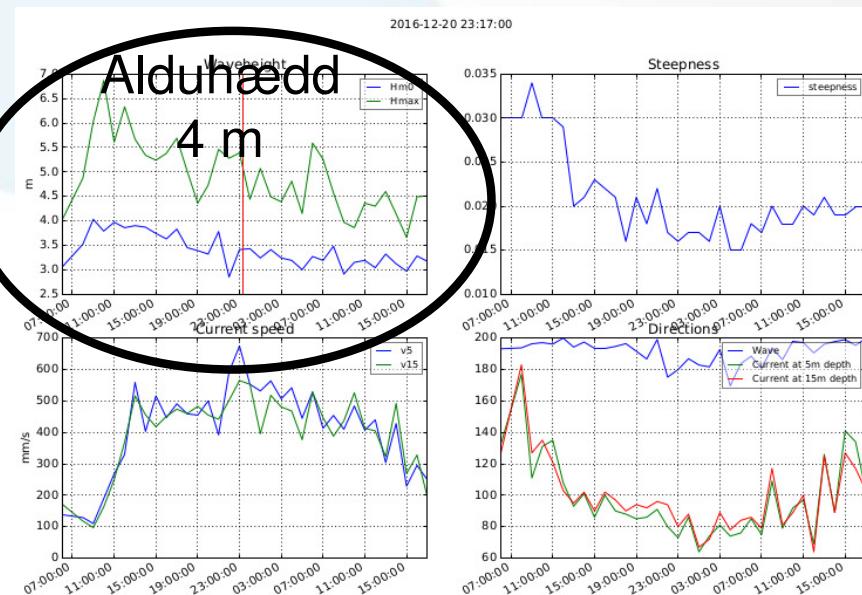
36 tímar

Ikki största alda á fóroyskum alibrúkum
Ikki harðasti streymur á fóroyskum alibrúkum



Hví tolir fiskurin ikki umstøðurnar ?

20 Dec. 2016



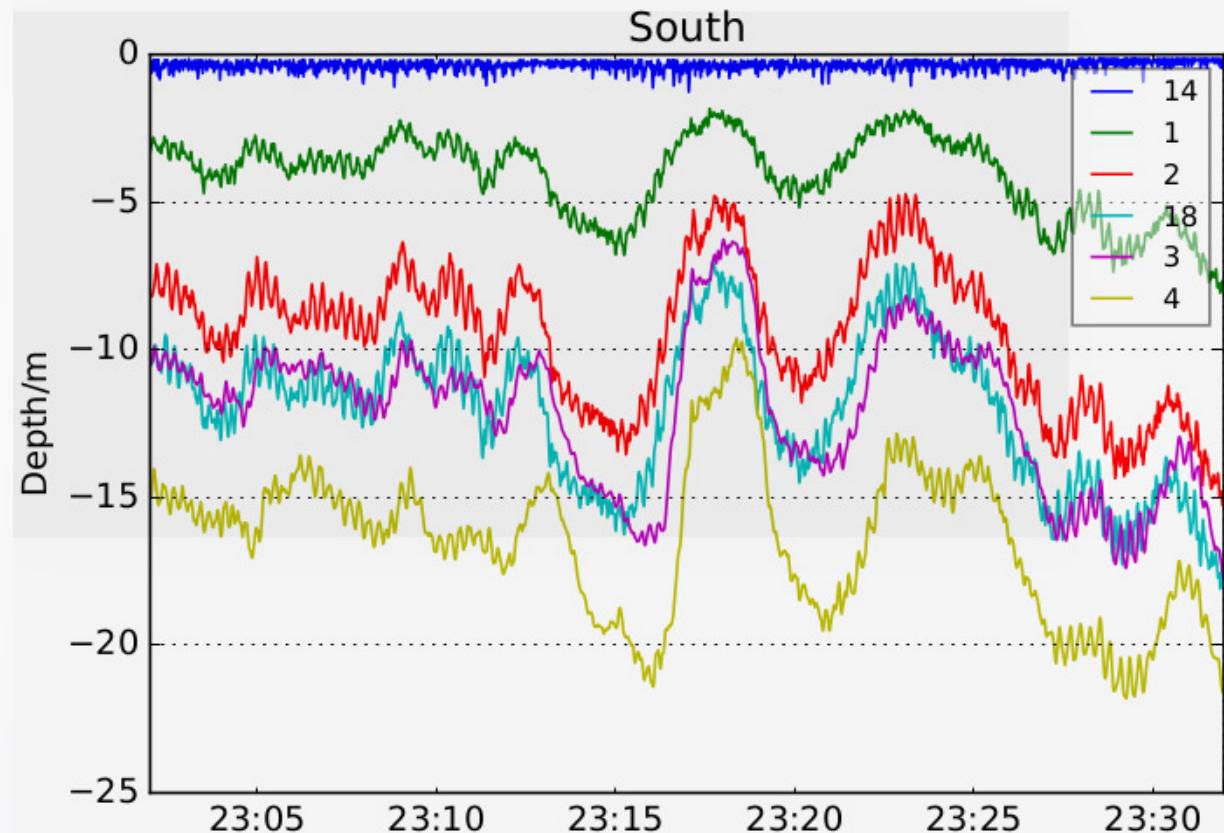
Hyggja nærri

Nótin broytir skap allatíðina.

Innanfyri 5 min er botnurin bæði á 22m og á 10 m dýpið

Botnurin á nótini ferðast við 30cm/s upp gjøgnum sjógvíni í 25sek ella 8m

Nýggjar streymmátingar 2 hvønn minutti

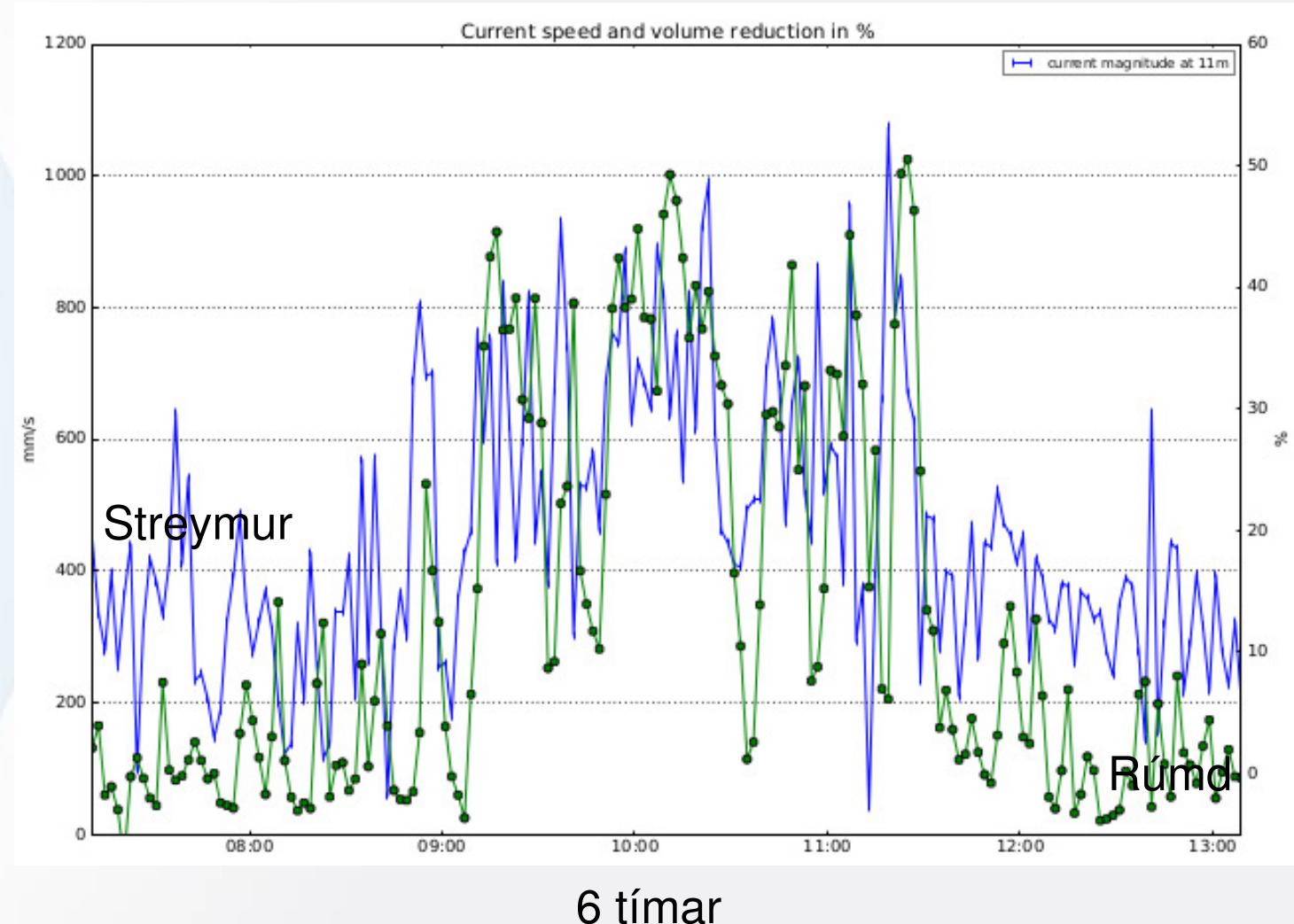


Nýggjar streymmátingar

Máta 2 hvønn minutt
-Miðal av 30 sek

Mesta streymferð
110 cm/s
-Rúmd 50%

4 min áðrenn er
streymferðin 5 cm/s
-Rúmd 93%



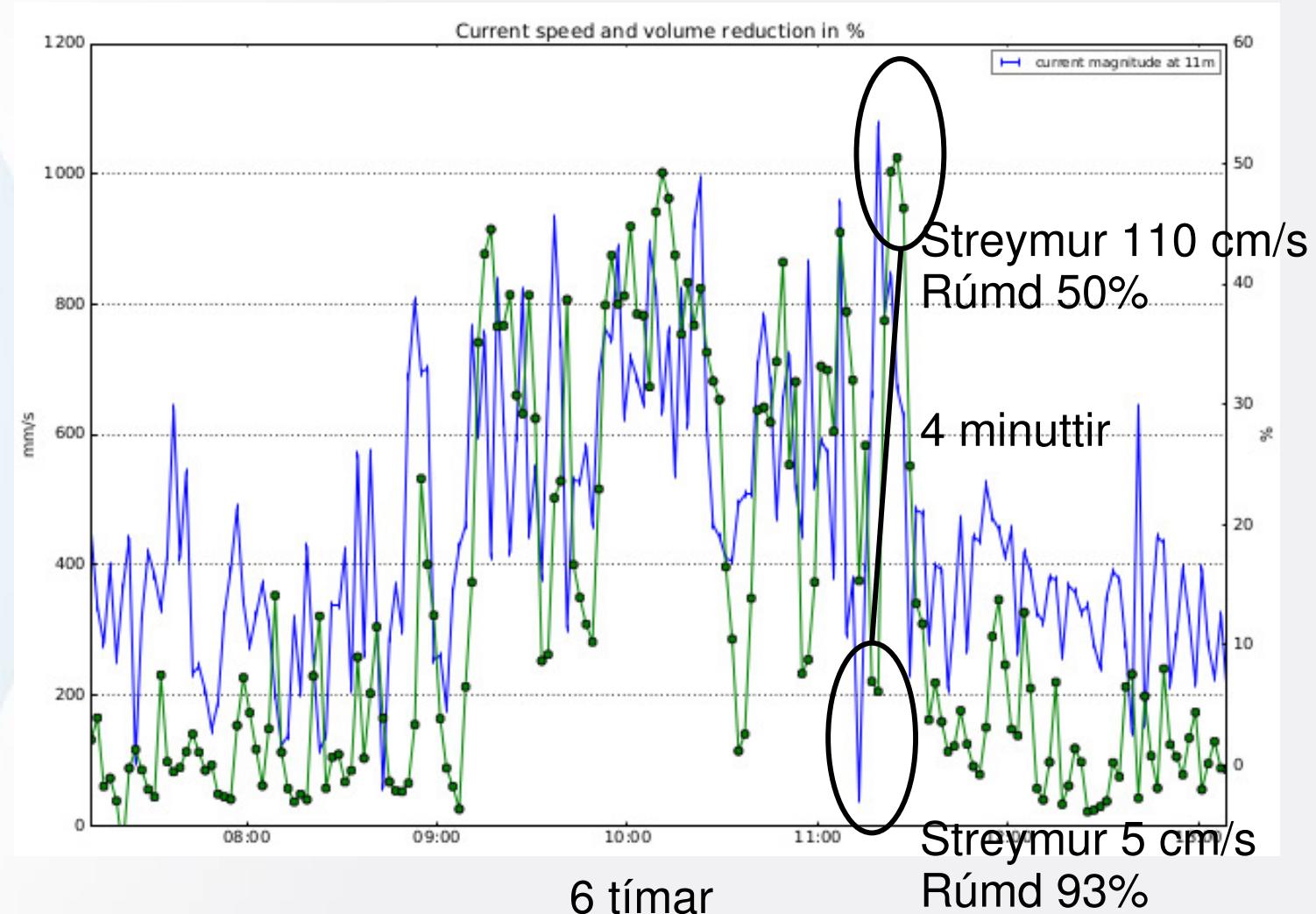
Orsøk til felli

Megarip

4m alda

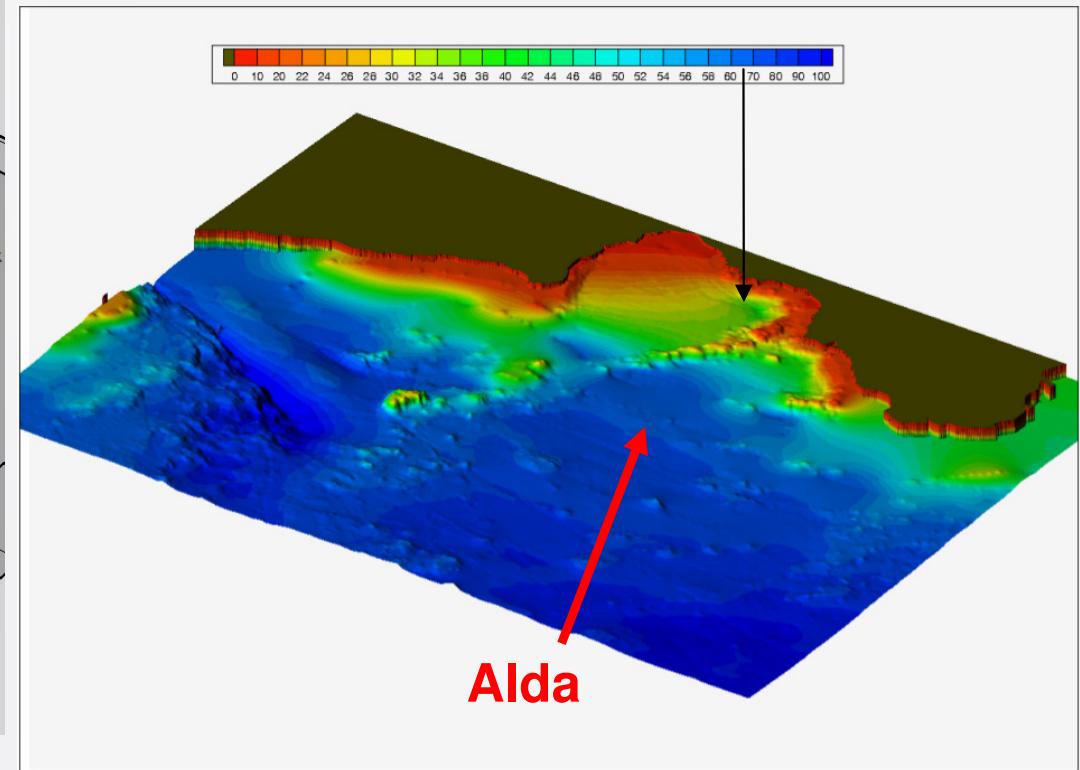
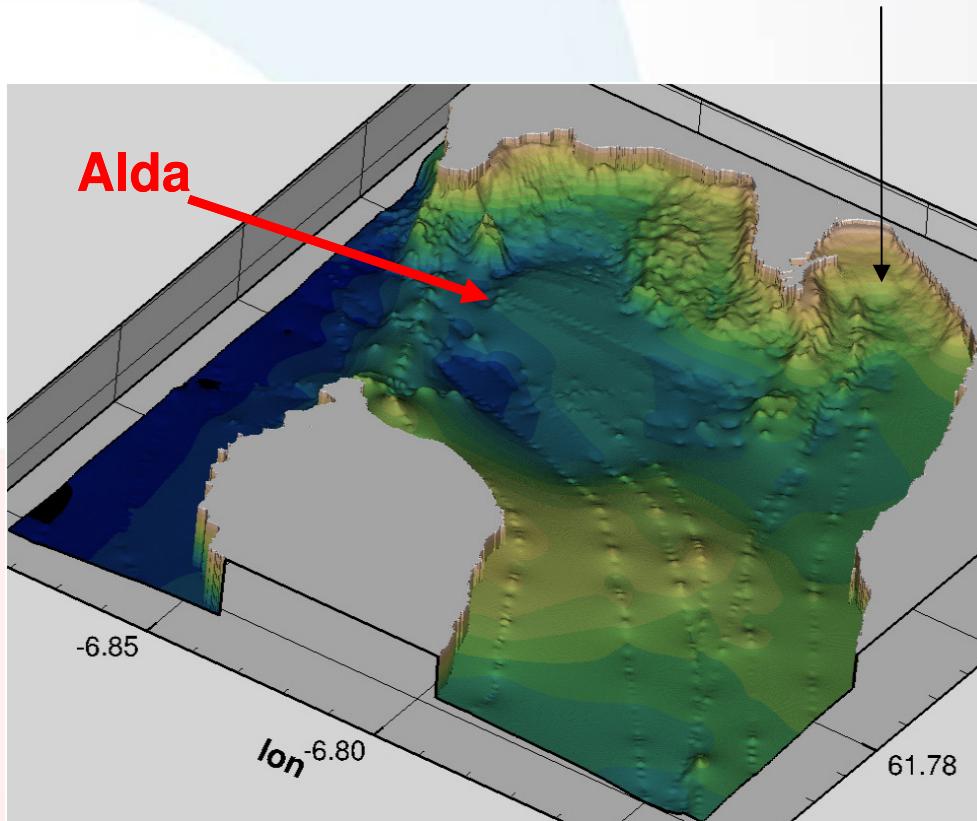
Hart og variabult rák

Stórar og skjótar
rørslur av nótini



Botnviðurskiftir

Lendið á Víkum líkist eitt sindur Sandsvág



Samanumtøka

- Megarip á Sandsvág elvdi til felli
- Lendið og botnur kunnu geva tekin um vandi er fyri megarip
- Umráðandi at gera rættar mátingar

Takk fyri



Fiskaaling

