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# Nýtsla av ekkoloddi í alivinnuni

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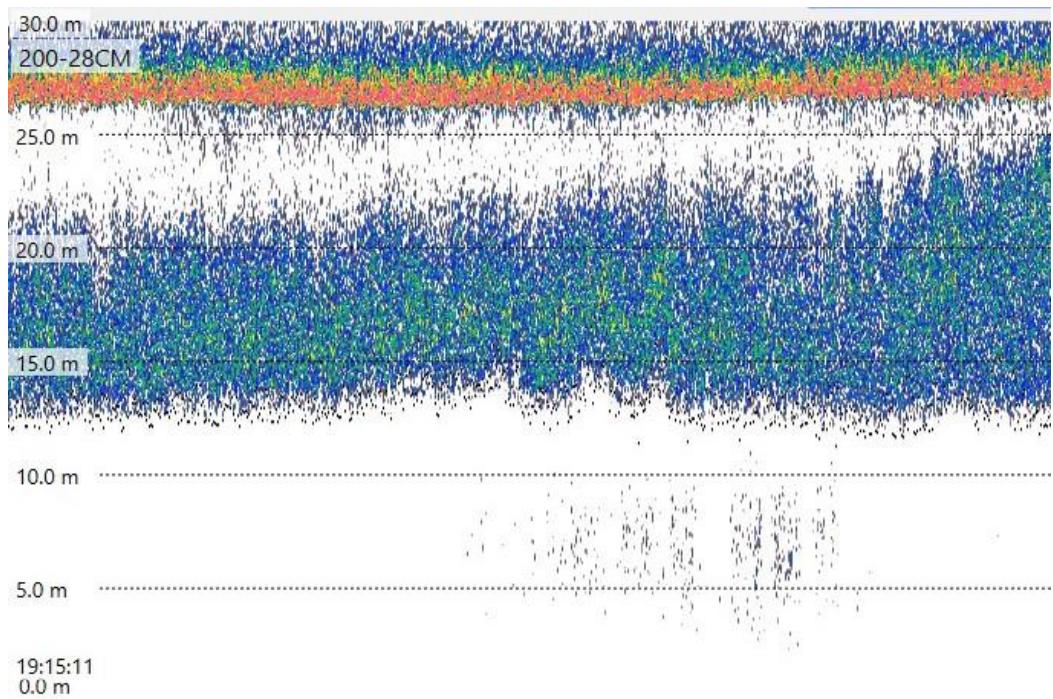
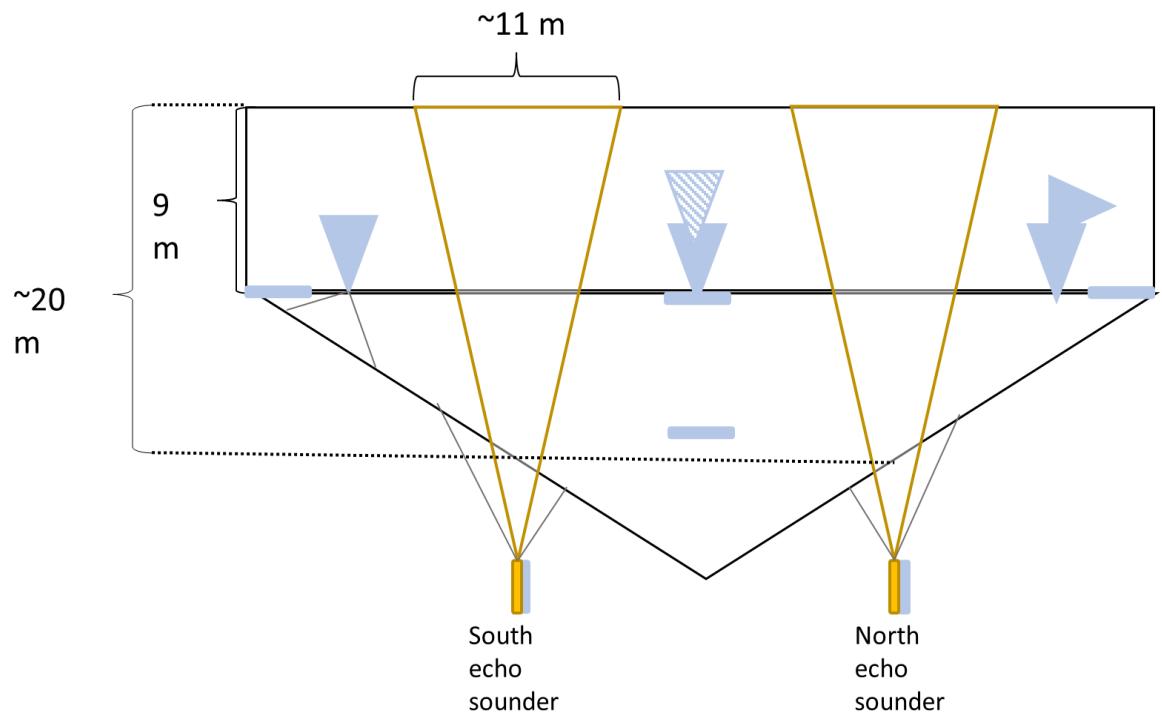


FRÓÐSKAPARSETUR  
FØROYA



# Bakgrund

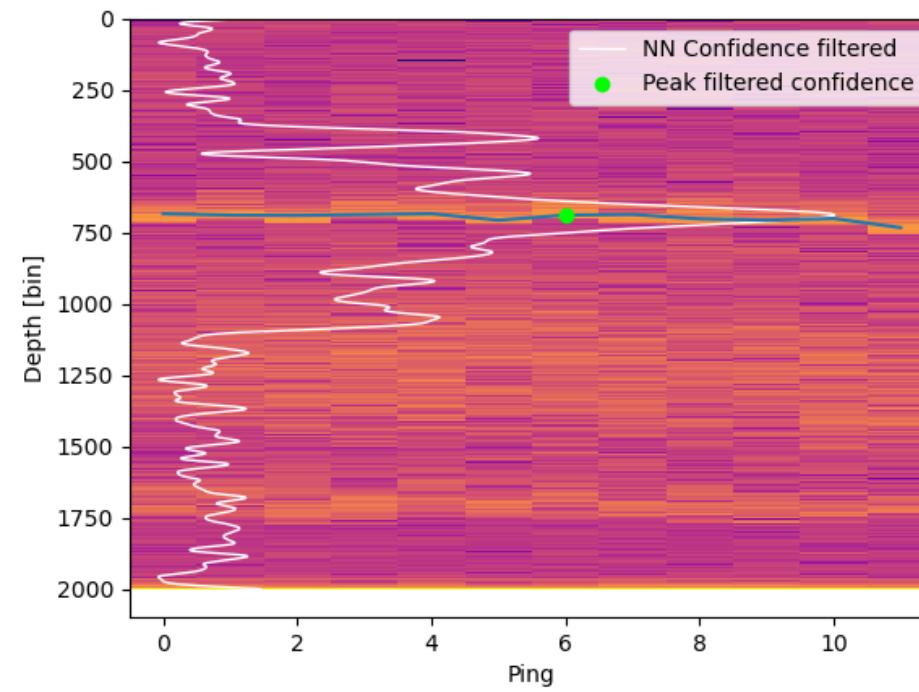
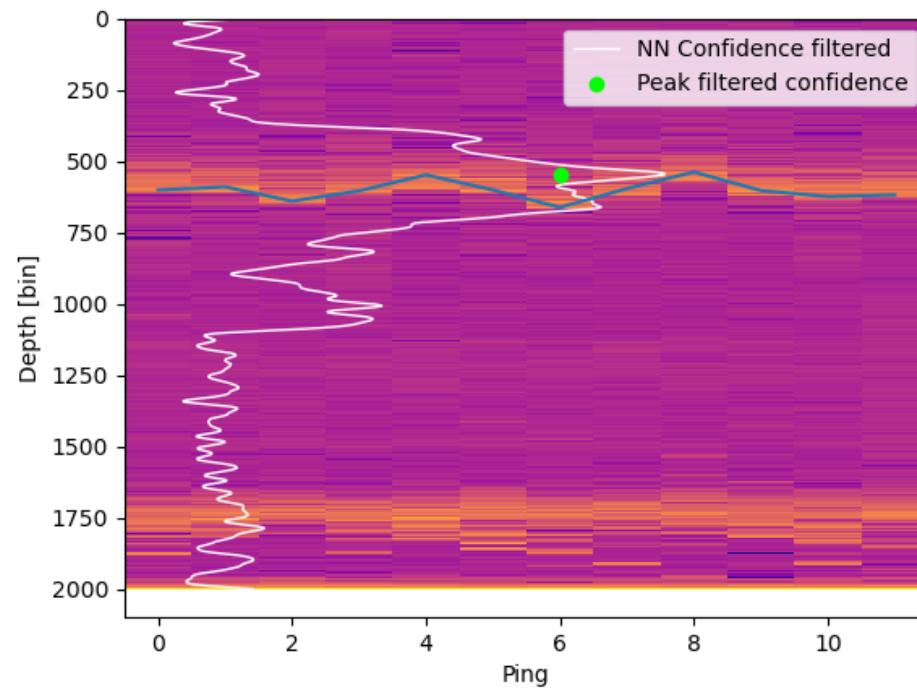
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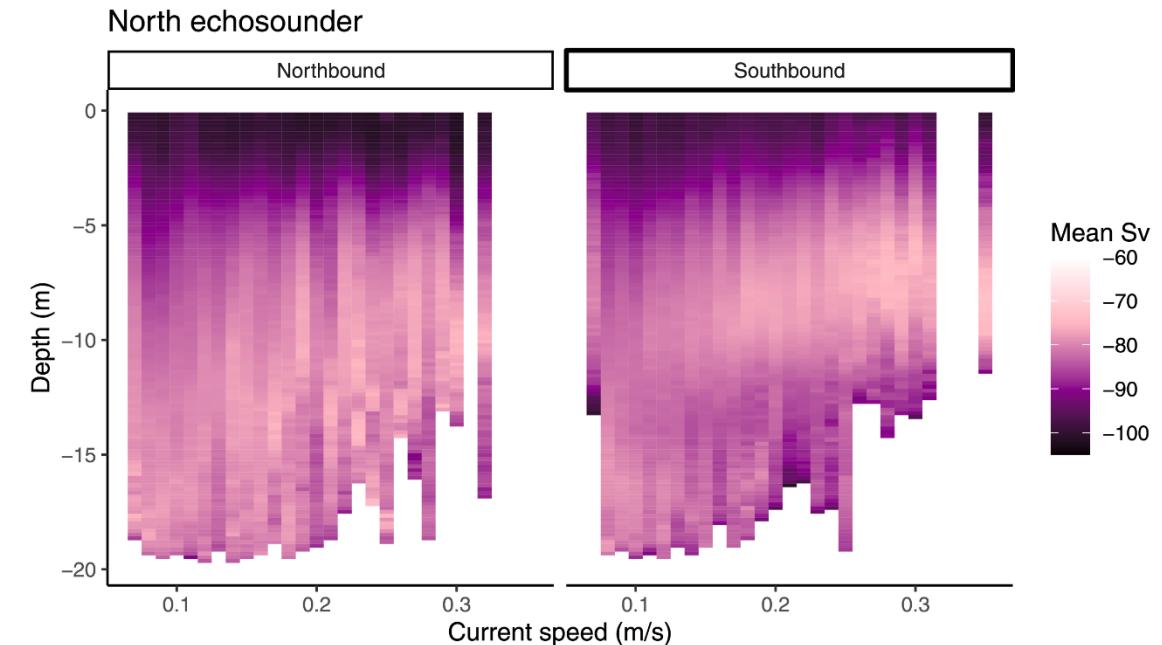
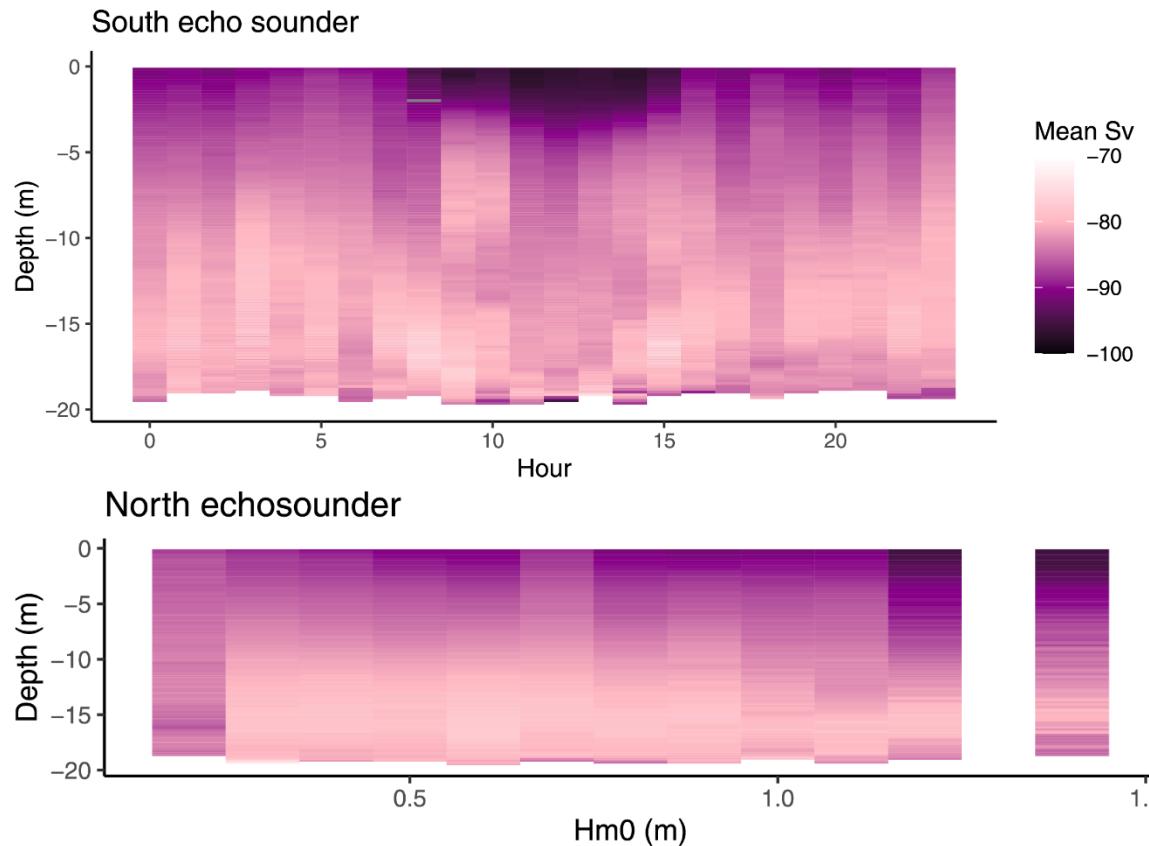
<https://doi.org/10.1371/journal.pone.0263850>

# Trupulleikin

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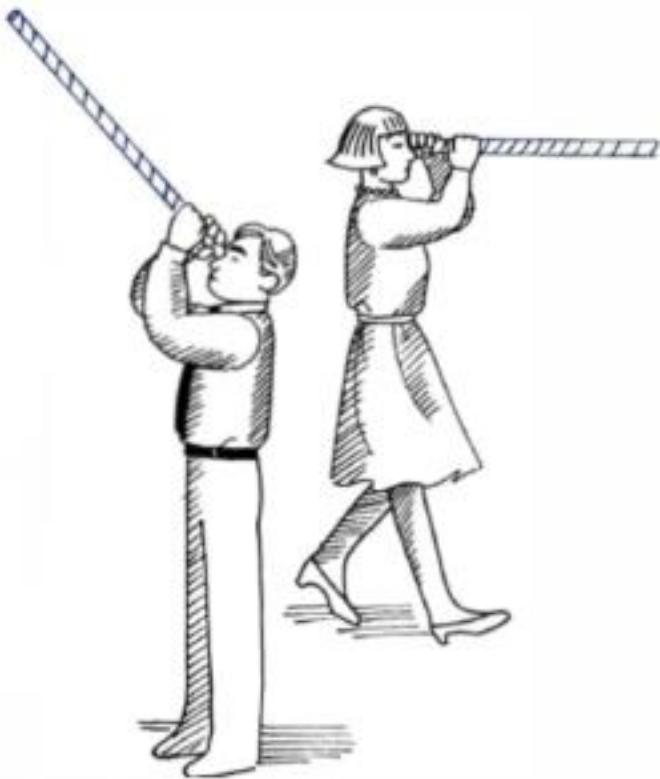


# Tó fær man nógv úrslit



# Ber tað til at fáa meir at vita?

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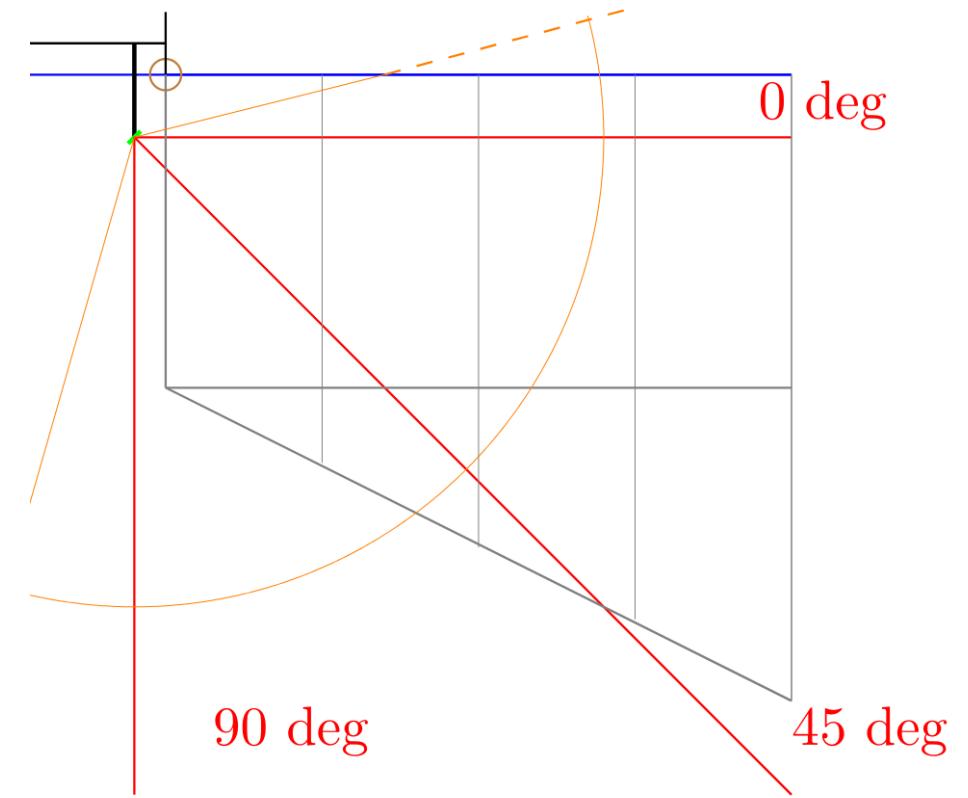
# Ekkoloddi við flytbarum strálum

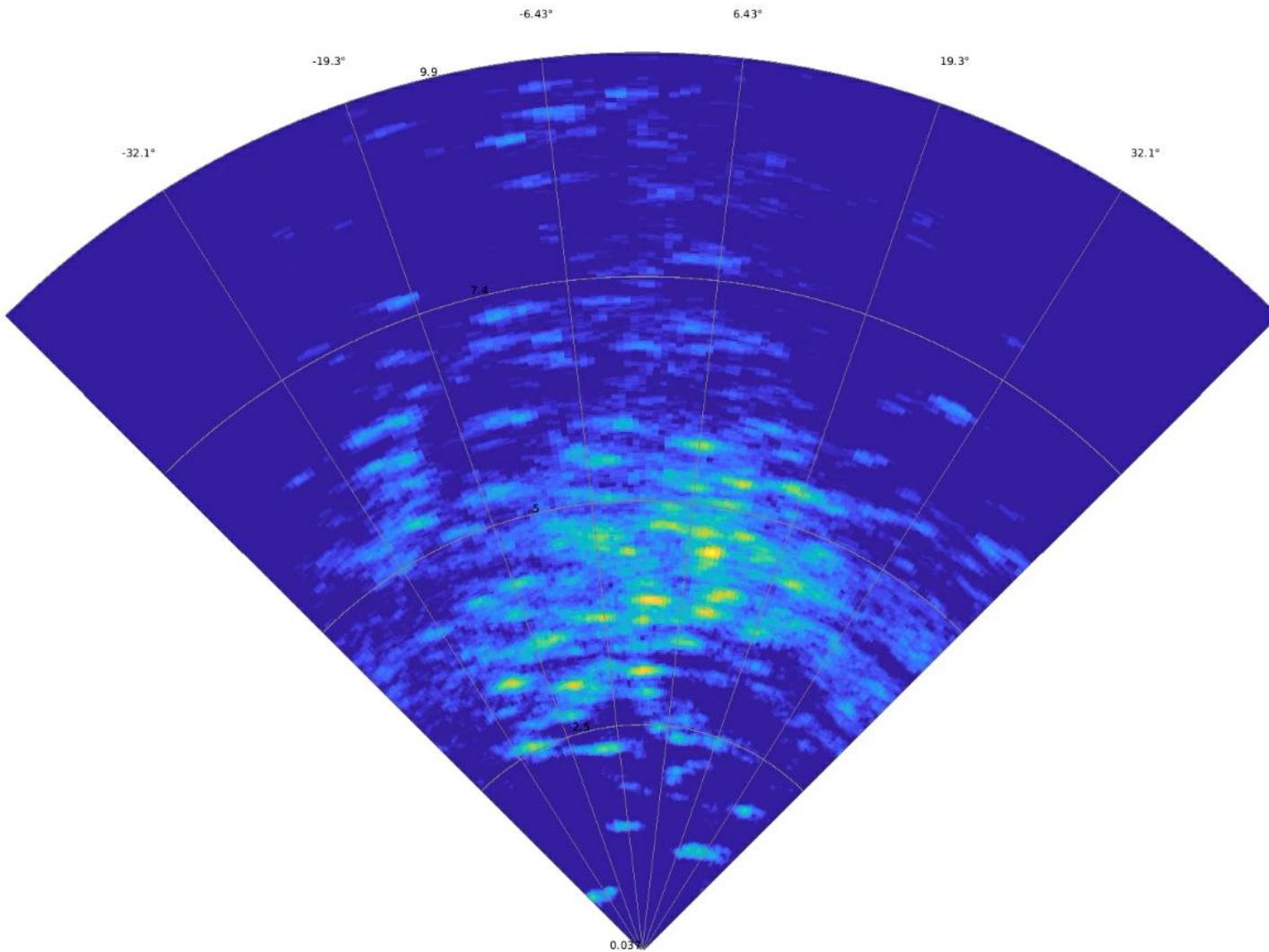
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- ***Seapix 3D Multibeam Sonar***
- **128 Transducers in a Mills Cross configuration**
- **120 x 120 degree Field of view**
- **1.6 deg angular resolution**
- **150 kHz acoustic operational frequency**
- **Configurable transmission pulse**
- **Digital Receiver**

# Útsetan av 3D multibeam

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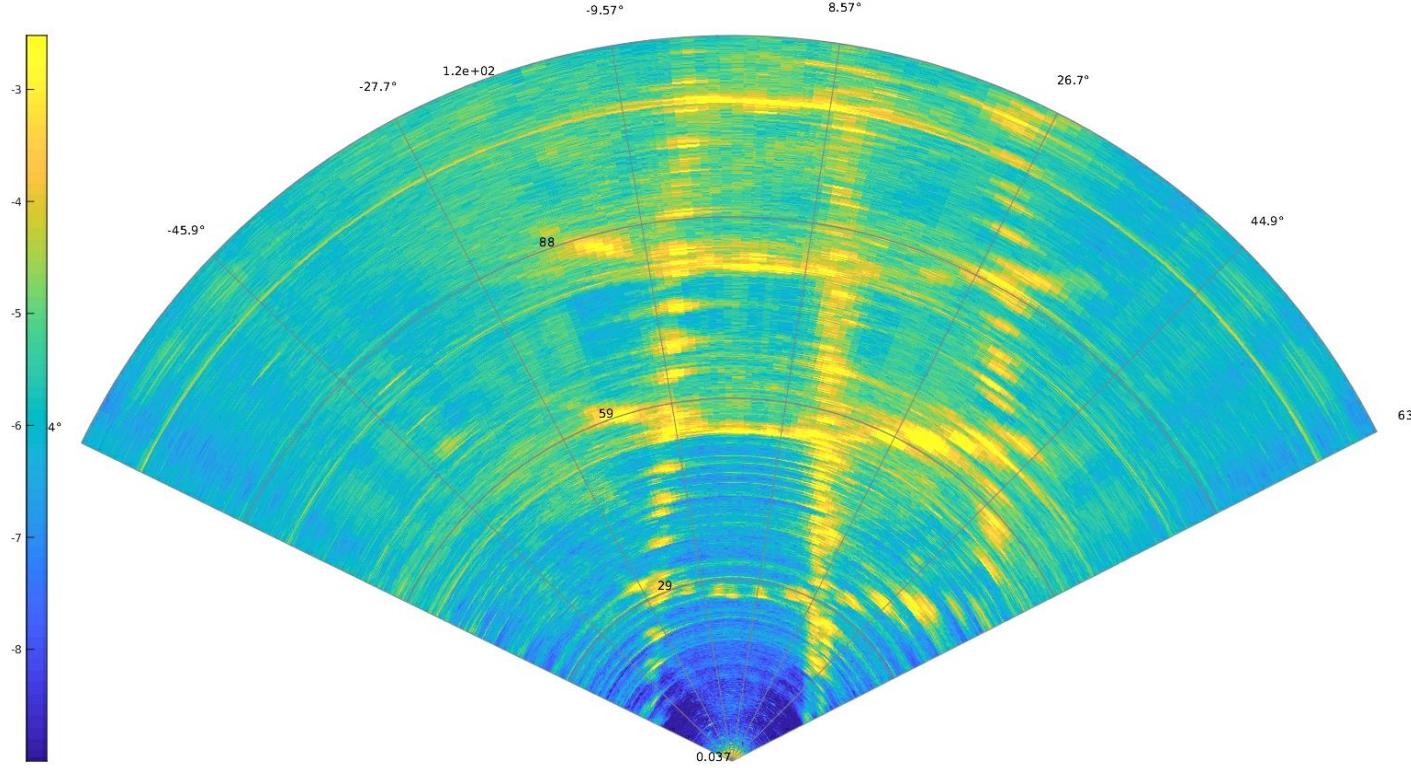
# Hvat síggja vit?

45x15 gradir

10 m

Kunna síggja og fylgja einkultum  
fiskum til uml. 7.5m

Ljóðbylgjurnar verða  
refleteraðar og dempaðar við  
størri frástøðum



# Hvat síggja vit?

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120x1 gradir

100m

Síggja nótirnar á ringunum, eisini teimum ið eru aftanfyri

Hóma fortynnings línur

Síggja botnin tá hugt verður niður

# Hvat kann hetta brúkast til?

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Menna skipan ið sær nótina

- Máta deformation
- Máta hvar fiskurin er í mun til nótina
- Meta um hvussu nógvur seiður er í nótini
- Møguliga síggja hol

Aðrir møguleikar sum eg ikki fari at hyggja eftir í hesum umfarinum

- Máta biomassa og vøkstur
- Aktivitetur tá tað verður fóðra
- Broyting í botnviðurskiftum

*Royndir á rundum  
aliringum!*



# Spurningar?

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