



Antarctic Undersea ROV 2009

Project SCINI

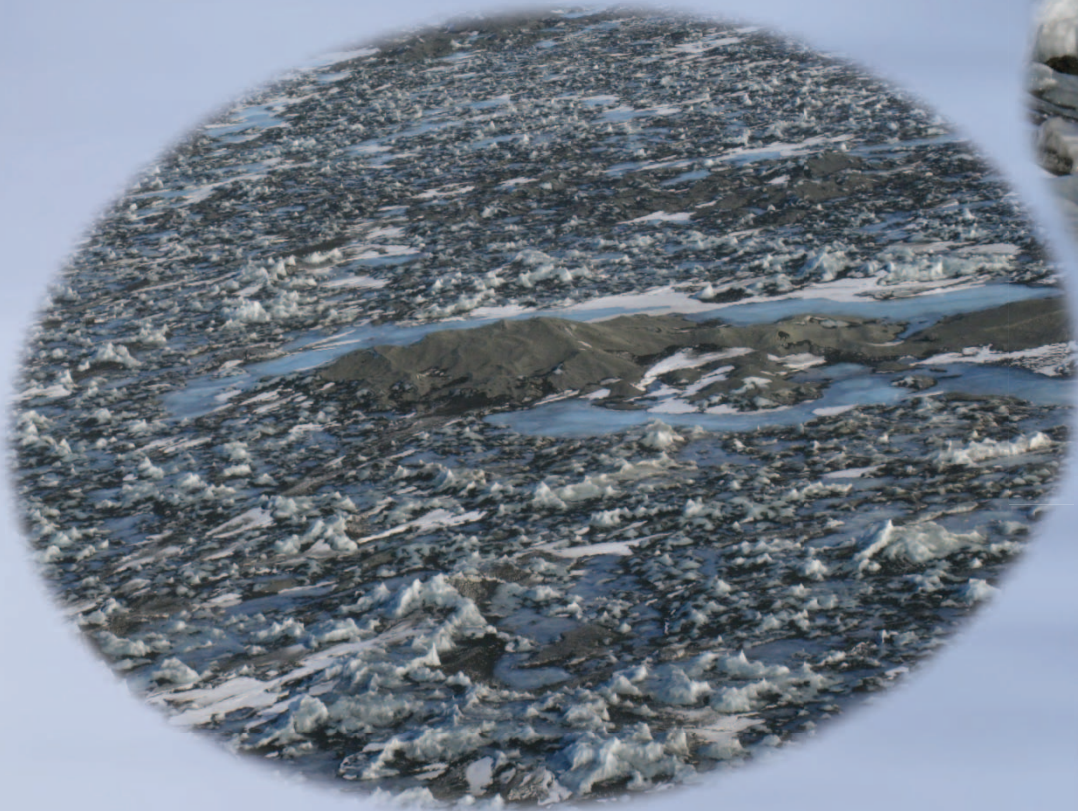


The Team



12/9/09

Bratina or Bust!



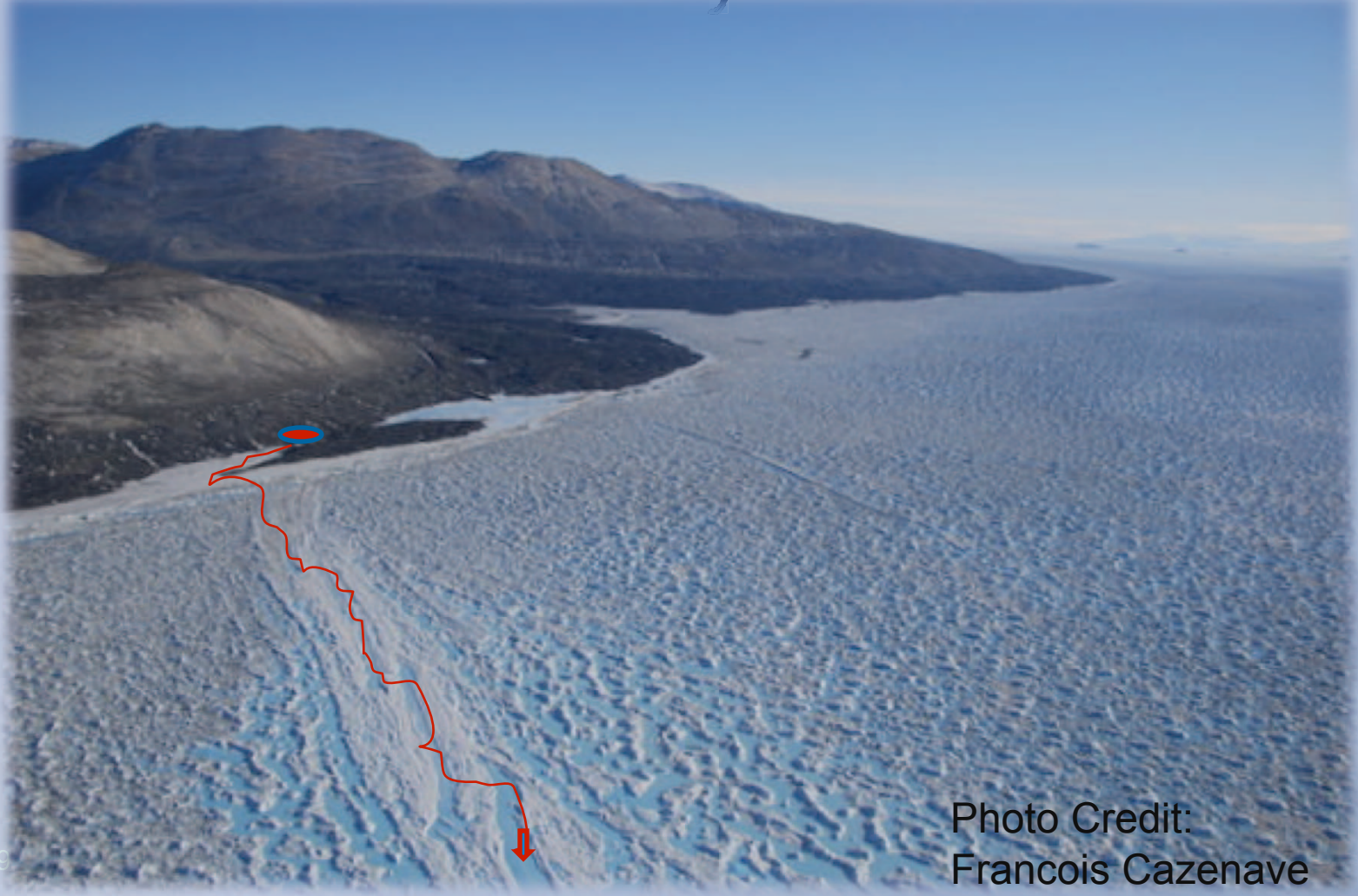
It's A Bust!



But an interesting
landscape...



Plan B: Becker Point, Antartica



12/9/09

Photo Credit:
Francois Cazenave

Welcome to "Beaker" Point!



It's A Harsh Continent



Yet Mysteriously Beautiful

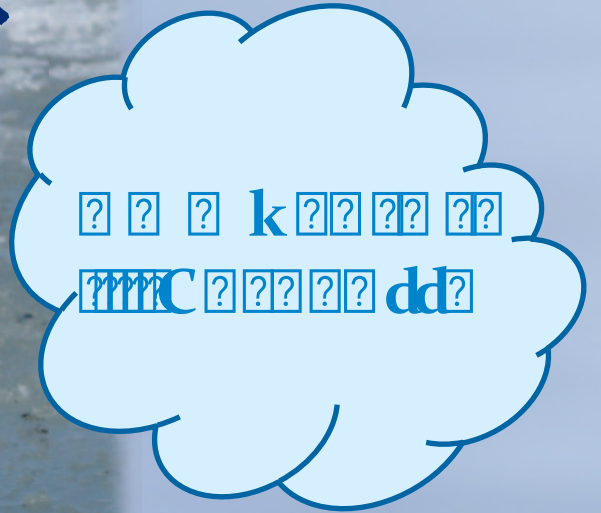


With Dreams Carried By Antarctic Winds



I'm dreaming of a 9th Lady Vol
National Championship!

What Went Well for Team SCINI?





??k?...mN?...??
?????? ?k?

??...U??e?
?? ?m??e?

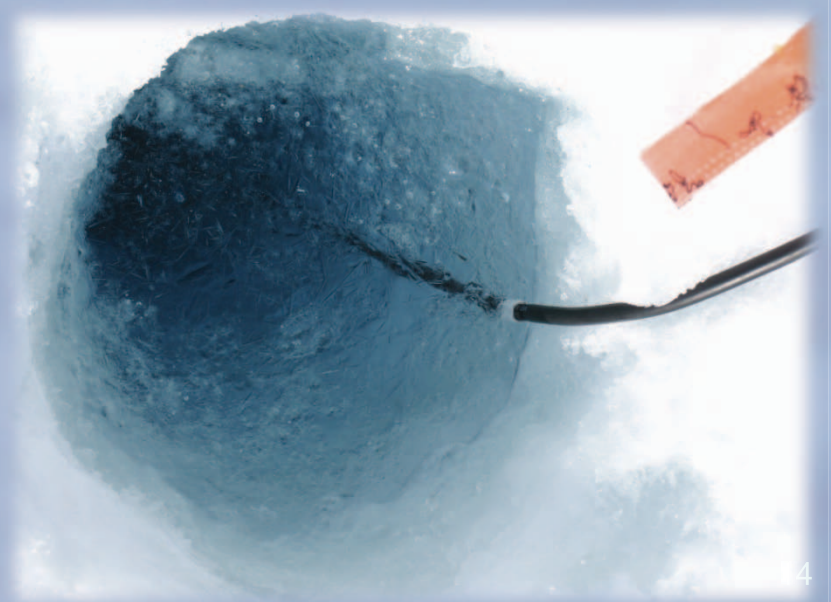
What else went well?

?? k C?? C?? ????
?? ?? ?? ?? ??
C?? ?? N?
? ???? ? ?

k?? ?U? ??
? ..? ?? U?? ??
C?? ?? N?? ????
m?? ...?? m?? ??



Drill Baby, Drill!



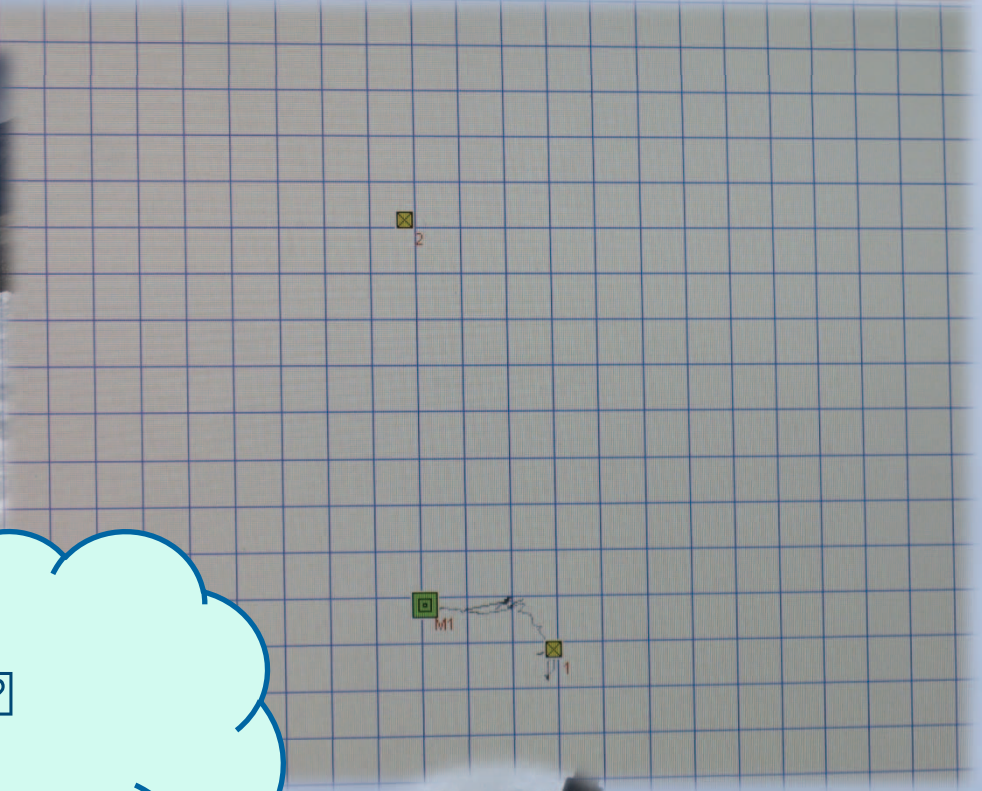
12/9/09

4

And????



? ? ?? ? S ? ? ? ? ? U ? ? ?
? ? N ? ? .. ? ? ? ? ? ? ? ?
? ? S ? ? ? ? ? ? ? ? ? ? U ? ? ? ? ?
? ? n ? C ? ? ? ? ? ? ? ? ? ?
? ? ? ? ? eee ?



? ? ? ? S ? ?
? ? ? ? m
? ? ? ? ? ? ? U ?
? ? ? ? e ?



What Did Not Go As Planned?

SCINI had some minor issues...

?? ? ? ?
?? S?? ? ?? U..? U??
?? ? ? ? UC ? ? ? e?





...m?????U?
I????e?

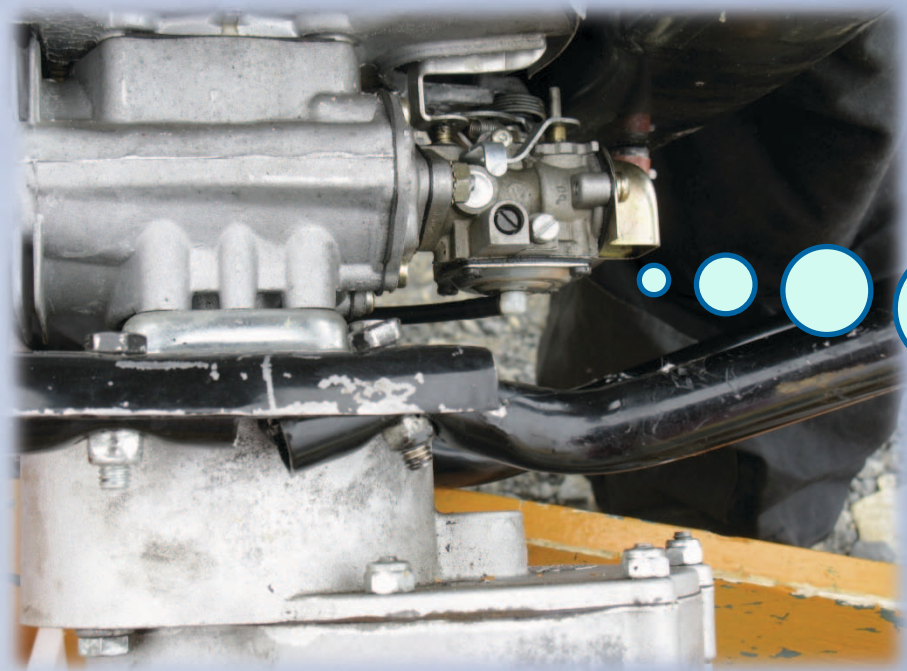
And???



? ? ?? ? ? ? U ? ? ?
m ? ? ? ? ? ? ? ?
? ? w ? ... ? m ? UC ? m ?
m ? ? ? ? ? ? ? ? ? ? ?



Photo Credit: Francois Cazenave



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????? **GO** ???? **S??N?..?**
????? ? ? ? ? ? ? ? ?
?????????????..**Use?**

Anything Else??

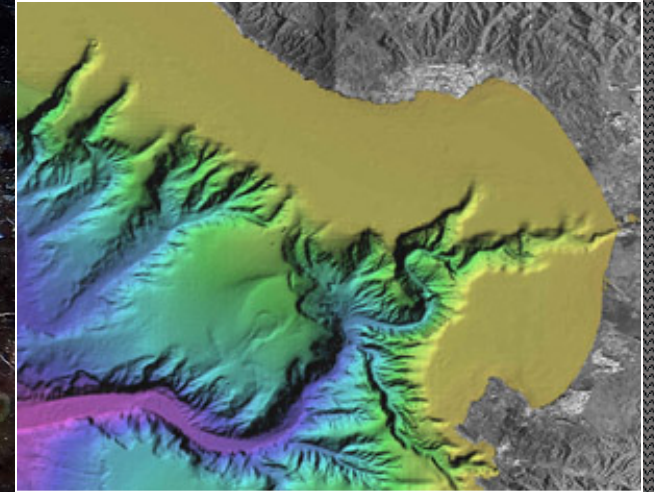
??k C??
??N??m??ns?
f??U?
C??u? ?m?



Cette
glace est
un défi.



SCINI Goals



- To locate new research sites and assess their suitability with minimal logistic costs.
- To reach depths below SCUBA diving limits.
- To create initial maps of seafloor areas.

New Research Sites/Minimal Costs



McMurdo Ice Shelf

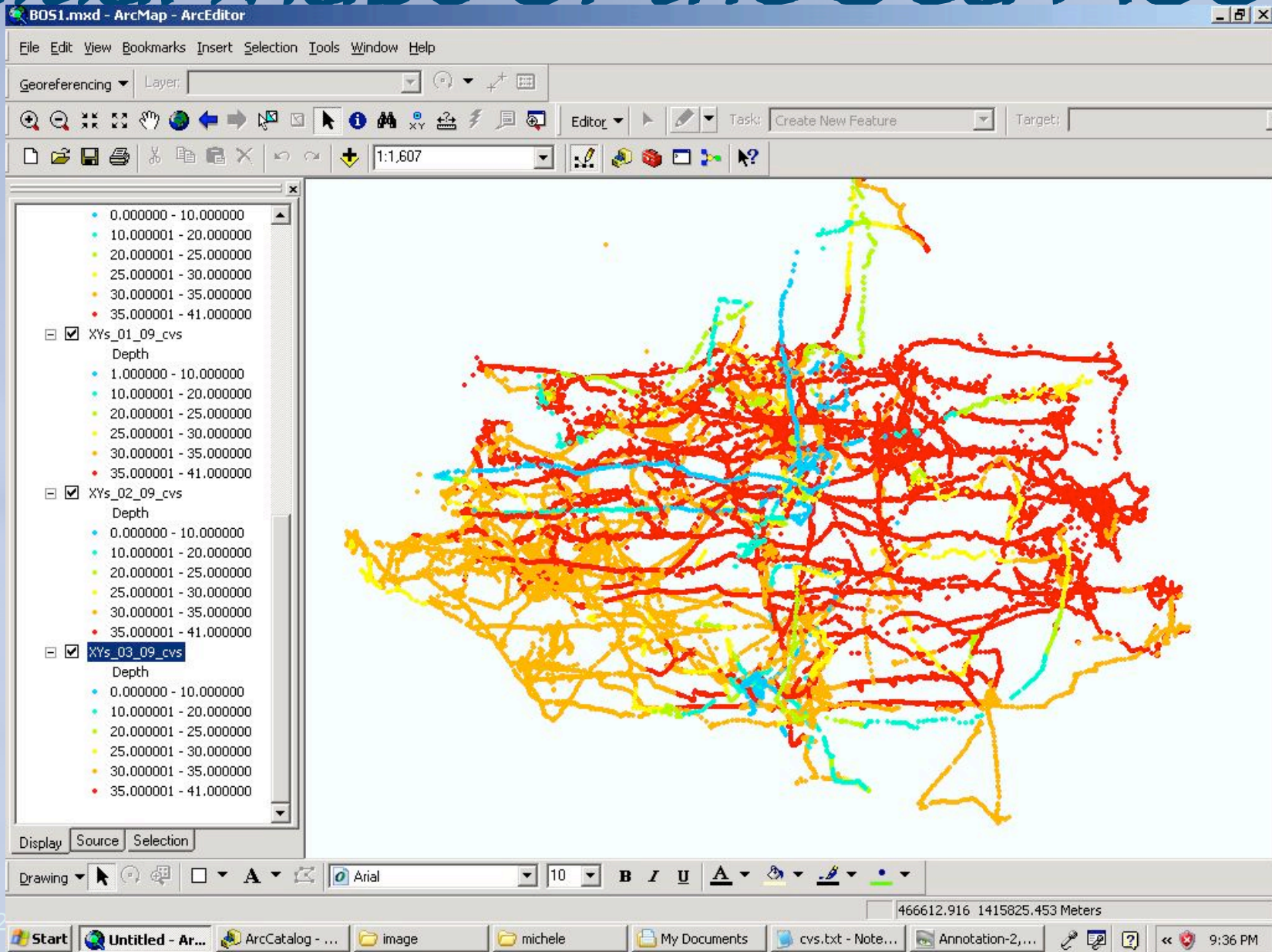


Cape Evans/Inaccessible Island Area



Bay of Sails (FC)

Initial Maps of the Sea Floor



BOS1.mxd - ArcMap - ArcEditor

Editor Task: Create New Feature Target:

10.000001 - 20.000000
20.000001 - 25.000000
25.000001 - 30.000000
30.000001 - 35.000000
35.000001 - 41.000000

XYs_02_09_cvs
Depth
0.000000 - 10.000000
10.000001 - 20.000000
20.000001 - 25.000000
25.000001 - 30.000000
30.000001 - 35.000000
35.000001 - 41.000000

Display

Drawing 10 B I U A

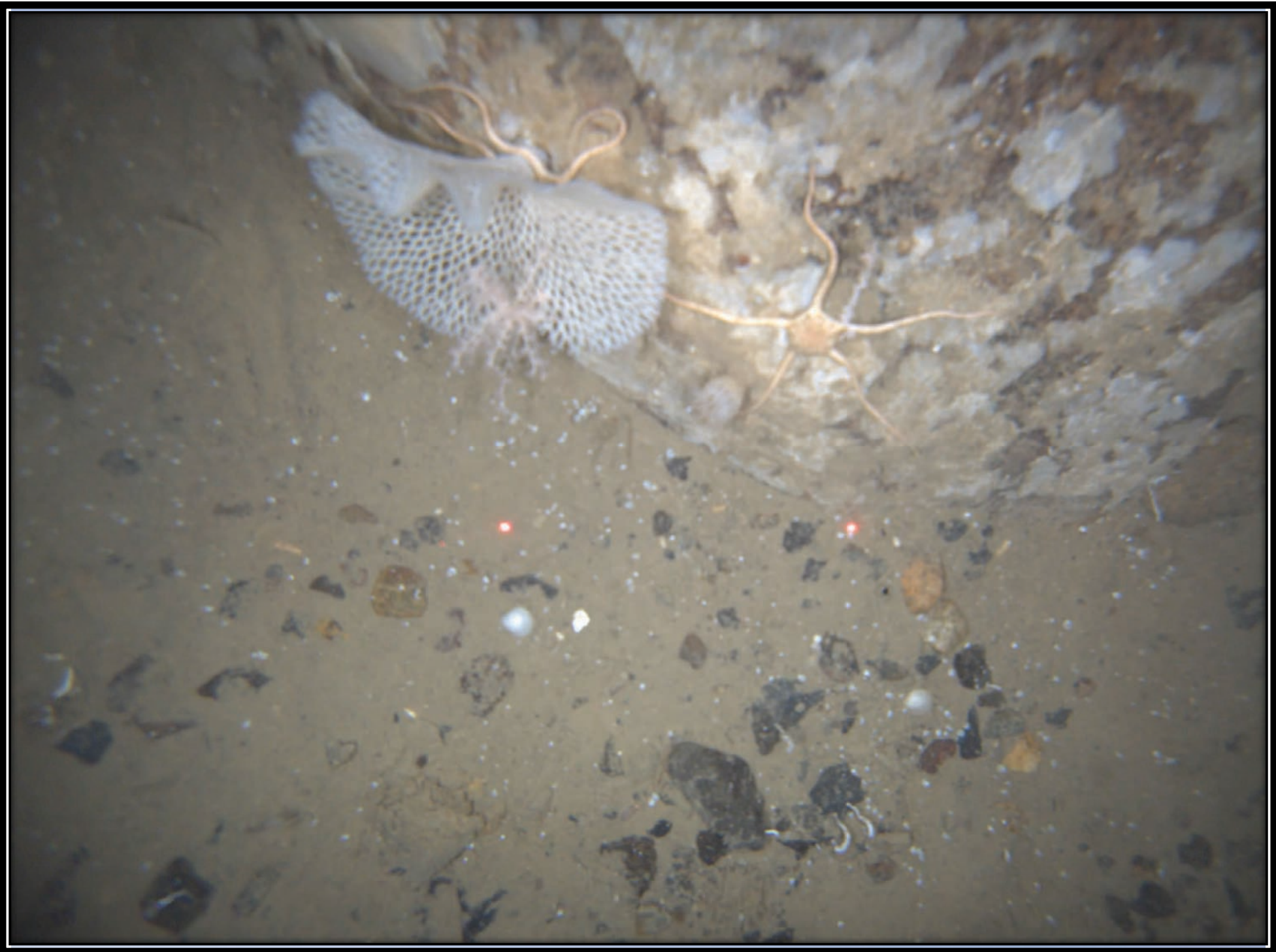
466612.916 1415825.453 Meters

Start Untitled - Ar... ArcCatalog - ... image michele My Documents cvs.txt - Note... Annotation-2, ... 9:36 PM

Go Farther Than Divers Can

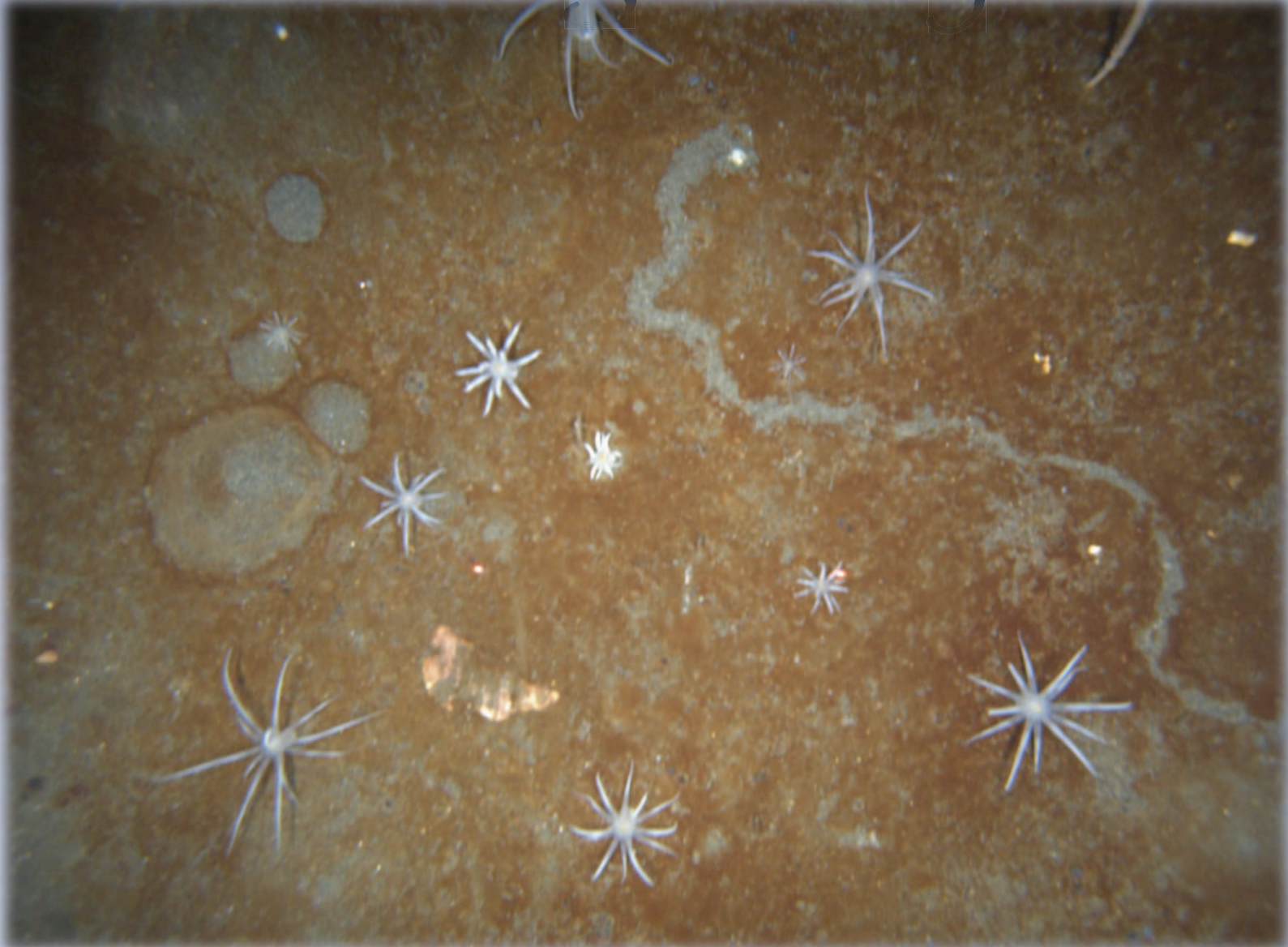








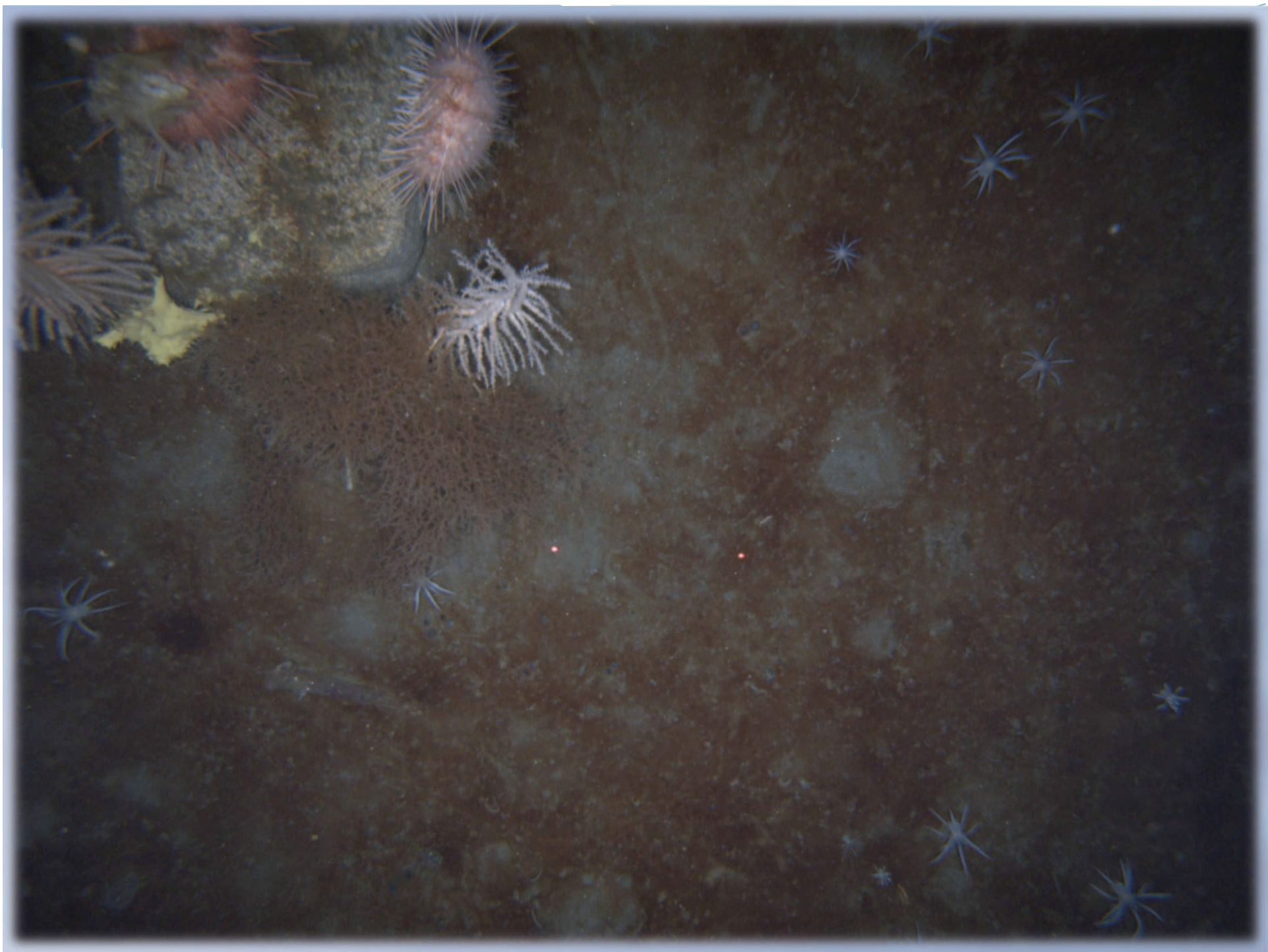
Under Ice Images: Bay of Sails



12/9/09

31





What's Next?



Antarctic Geological Drilling



Return to “The Lost Experiments”



Paul Dayton



John Oliver



**Stacy Kim
(before her
doctoral days)**

http://scini.mlml.calstate.edu/SCINI_2007/historical.html

Predator/Prey Interaction



G. Grant/NSF



J. Stanford/NSF



Wikipedia



Coolantarctica.com

Lastly...

?? ???? ???? ?
?? ???? ???? U?? ?
?? **m**?? **m**?? **e**?? **0** ?
?? ???? ???? ? **e**?



Imagine The Possibilities!!



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