

We've recently made an accessibility improvement to the community and therefore posts without any content are no longer allowed. Please use the spoiler feature or add a short message in the message body in order to submit your weekly challenge.

2022-05-26 Updates: Email: If you're not seeing emails be delivered from the Community, please check your spam and mark the Community emails as not junk. Thank you for your patience.



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Free Trial

## Weekly Challenge

Solve the challenge, share your solution and summit the ranks of our Community!

Also available in | Français | Português | Español | 中文

### IDEAS WANTED

We're actively looking for ideas on how to improve Weekly Challenges and would love to hear what you think!

[SUBMIT FEEDBACK](#)

[Weekly Challenge](#)

## Challenge #236: I Thought It Was Channel Surfing?

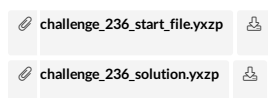
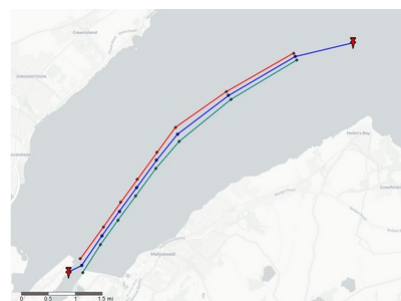


A solution to last week's challenge can be found [here](#).

This week's challenge was submitted by [@wwatson](#) - Thank you for your submission!

For this week's challenge, you are the skipper of a large container ship destined for Belfast harbour. You must navigate through the exact centre of the navigation channel due to the large draft of your ship. The origin - current position of your ship, the destination and the locations of the channel marker buoys are provided.

Plot the marker buoys as lines showing the left and right buoys, and the route through centre of the buoys. Also calculate the length of the route through the channel from your origin to the destination in miles. Create a report snippet to show the route and distance.



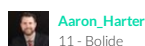
Intermediate Preparation Reporting Spatial Spatial Analysis Transform

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Aaron Harter

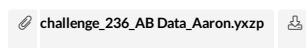
11 - Bolide

Fun challenge to start the week!

► Spoiler

(edit 10/5 11:05 CT) video of solution overview:

► Spoiler

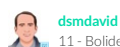


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dsmdavid

11 - Bolide

Reporting tools are the bane of me...


► Spoiler

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**Johnemery**  
10 - Fireball

First weekly challenge that I've been able to do for the last several weeks, and it was a fun one.

As usual, the reporting tools are tricky, but very robust if you know how to use them.


▷ Spoiler

 **Challenge 236 Solution jemery.yxmd** 

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**AngelosPachis**  
16 - Nebula

My solution for Challenge #236



▷ Spoiler

 **challenge\_236\_solved\_AP.yxzp** 

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**Jonathan-Sherman**  
15 - Aurora


Challenge 236 is done!

workflow:

▷ Spoiler

output:


▷ Spoiler

 **challenge\_236\_JMS\_solution.yxzp** 

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**JennyMartin**  
9 - Comet

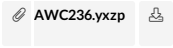
Solution:

▷ Spoiler

Video Solution:

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I love playing with spatial data! So intuitive to work out which tools to use.



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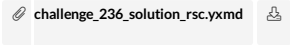
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**ACE RolandSchubert**  
16 · Nebula

Nice challenge. I didn't expect to say this anytime about a challenge using spatial and reporting tools ...

▷ Spoiler



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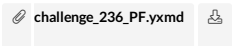
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**paulfound**  
11 · Bolide

ARGGGGGHHH Reports.  
I always learn something each time I do a challenge with a report, mostly I don't like reports.

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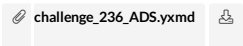
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**Spalders**  
8 · Asteroid

▷ Spoiler

Good for learning more about spatial tools and reporting



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