

## Kerbal Space Program - Bug #3947

### Game fails to find encounter until you cross Sol.

01/08/2015 02:50 AM - SoulWager

<b>Status:</b>	Updated	<b>Start date:</b>	01/08/2015
<b>Severity:</b>	Normal	<b>% Done:</b>	10%
<b>Assignee:</b>			
<b>Category:</b>	Controls and UI		
<b>Target version:</b>			
<b>Version:</b>	0.90	<b>Language:</b>	English (US)
<b>Platform:</b>	Any	<b>Mod Related:</b>	No
<b>Expansion:</b>			

#### Description

This one's been around for several versions, though I didn't find a bug report for it.

There is a second closely related bug here, which is that a "closest" approach is both at a point where the distance between the ship and target is decreasing, and before 1 full orbit from the ship's current position (assuming the expected behavior is to search up to 1 full orbit.)

Here's an example where there's a minus encounter, and the map screen finds closest approaches before and after the encounter, while missing the encounter it's self(sometimes the game will flicker between finding the encounter and finding a close approach):

#### History

##### #1 - 07/17/2016 09:27 AM - TriggerAu

- Status changed from New to Needs Clarification

##### #2 - 07/17/2016 12:04 PM - SoulWager

- File Screen Shot 2016-07-17 at 6.47.07 AM.png added

- File quicksave.sfs added

Issue still exists in 1.1.3

In the attached image and savefile, a zero m/s maneuver node finds the encounter, while the main course prediction does not.

I believe this is the issue Bill (Taniwha) was working on in the most recent dev notes.

##### #3 - 07/17/2016 03:23 PM - SoulWager

- Status changed from Needs Clarification to Updated

- % Done changed from 0 to 10

##### #4 - 07/17/2016 11:47 PM - TriggerAu

Thanks SoulWager, appreciate the update

#### Files

screenshot25.png	739 KB	01/08/2015	SoulWager
screenshot33.png	771 KB	01/08/2015	SoulWager
screenshot37.png	784 KB	01/08/2015	SoulWager
quicksave.sfs	54.5 KB	01/08/2015	SoulWager
Screen Shot 2016-07-17 at 6.47.07 AM.png	381 KB	07/17/2016	SoulWager
quicksave.sfs	100 KB	07/17/2016	SoulWager