Kerbal Space Program - Bug #25934

Impossible contract

08/10/2020 12:21 PM - rpuxa

Status:	Confirmed		**Start date:**	08/10/2020
Severity:	Low		**% Done:**	10%
Assignee:				
Category:	Contracts			
Target version:				
Version:	1.10.1		**Language:**	
Platform:	Windows		**Mod Related:**	No
Expansion:	Breaking Ground, Core Game, Making History			

Description
You should put satellite into impossible synchronized orbit.

 bb117d06cb97.jpg
Due to equality of Duna's rotation period and Ike's orbital period it is impossible to put satellite right above Sector R-TV

History

#1 - 08/27/2020 04:31 PM - jjansen

- File screenshot1235.png added

- Status changed from New to Confirmed

- % Done changed from 0 to 10

- Expansion Breaking Ground, Making History added

~~Same issue, same contract.~~

~~For "synchronous orbit around Duna" it seems like the game forgets that Ike is already occupying that orbit. What's fascinating is how this mission seems to be given in the same area, directly under Ike, every time it pops (this is not the first time I've seen this, but it is the first time I've posted about it).~~

~~Maybe there's a line intending to avoid this issue that actually guarantees it will be caused?~~

Every time I've seen the "maintain a synchronous orbit above a specific area of Duna" contract (I've seen this at least twice myself, posted the most recent example here, the ticket is the same issue), the specific area is always directly below Ike.

As Ike is already in a synchronous orbit around Duna, achieving orbit above the designated area will result in the craft leaving Duna's SoI and entering Ike's, thus making the contract impossible to complete.

Perhaps there's a line in the code that was designed to prevent this, that instead causes it?

EDIT: Rephrased for clarity.

Files

screenshot1235.png	1.88 MB	08/27/2020	jjansen