Andromeda “Under the Night”

Watch the clip from Andromeda “Under the Night”. A synopsis of the clip is:
All out war with the Nietzscheans has eliminated all human life, except for our hero Captain Hunt, who escapes by falling into a black hole and becoming frozen at the horizon. 300 years later a salvage ship comes by, and, with much pulling, pulls the frozen ship off the horizon. For Captain Hunt, the 300 years has passed in a matter of seconds.

1. What is wrong or right scientifically about the story? Justify your answers.

2. Articulate some questions that you might like to ask so that you can give a better answer to this question.