

The trajectory proposed by this team implies a fly-by sequence EVVEEVVEVEJSJA made of optimised low-thrust and coast arcs. The overall mass consumption is 82kg which makes the difference with the trajectory found by Team 11 and ranks this trajectory as the second best. They in fact reach the same Jupiter-Saturn-Jupiter geometry as the winning trajectory by Jet Propulsion Laboratories, but with a different swing-by sequence at the inner solar system that cost them 20kg of fuel more. This is mainly a consequence of the local optimiser performances. This same fly-by sequence was infact later reoptimised using JPL technique returning a much larger objective function.