

# MASS Prize Round 3

June 1, 2020

Beth suggested at 2/21/2020 meeting

emailed group on 2/22/20 with SpaceX tentative date of 5/7/20 for launch prize a patch or pin

MASSprize3

Person	Date docking guess	Days from Current Dt	Date submitted	actual docking dt	5/31/2020
Silvio	4/21/2020	1	40	3/10/2020	by phone
Beth	5/18/2020	1	13	2/25/2020	
Dean	5/24/2020	1	7	2/21/2020	
Hank	5/29/2020	1	2	2/24/2020	
Carol	6/6/2020	1	-6	2/23/2020	
Harry	6/15/2020	1	-15	3/4/2020	
Jim M	6/18/2020	1	-18	2/22/2020	
Phil	11/26/2020	1	-179	3/4/2020	
Keith	5/23/2021	1	-357	2/25/2020	I clarified this was not a typo
SpaceX	5/31/2020	1	0		ACTUAL

Updates:

3/18/2020 NASA & SpaceX issued a media accreditation invitation for the DM-2 manned mission listed as "no earlier than mid to late May"

4/6/2020 NASA says that SpaceX has 2 more parachute tests to perform after 24 successful tests. Because of the loss of the helicopter test vehicle, NASA will supply a C130 plane for the additional tests. NASA also wants to complete a review of the Super Draco thrusters on the Crew Dragon, after that things are a "go" for the second half of May crewed test. The crew will remain on the ISS for 2 to 3 months. NASA wants the initial crew to return to Earth one month before they send the first regular crew of 4 to the ISS, possible as early as August 2020.

4/18/2020 NASA sets date for SpaceX DM-2 mission launch as, Wednesday afternoon, May 27, 2020

5/1/2020 today SpaceX successfully completed its last parachute drop test; only remaining issue is resolution of the engine out anomaly on the Falcon9 Starlink launch. Elon Musk said it was due to a small amount of isopropyl alcohol use for cleaning the engine DM-2 mission to last 30 to 119 days; Dragon2 capsule could stay 200 days docking to ISS could take 2 to 48 hours ISS departure to splashdown should take 24 hours or less

Ed  
Jim A  
Sophia  
Chad  
Dave

3/6/2020  
3/6/2020

Hank wins!!!

5/27/2020 DM-2 launch attempt scrubbed and rescheduled for 5/30/20

5/30/2020 DM-2 launch  
5/31/2020 DM-2 Dock and enter ISS



## MASS Prize 3 April 18, 2020