

Scenario 1: Heave - downward 20% power; 30 seconds simulation				
All bodies present	Heave position:	8	m	Difference [%]
	Pitch position:	-14	deg	
	Surge position:	-0.5	m	
	Heave velocity:	0.3	m/s	
	Max Pitch velocity:	-3.5	deg/s	
Removed QQ	Heave position:	8	m	0.00%
	Pitch position:	-14	deg	0.00%
	Surge position:	-0.5	m	0.00%
	Heave velocity:	0.3	m/s	0.00%
	Max Pitch velocity:	-3.5	deg/s	0.00%
Removed Antena	Heave position:	8	m	0.00%
	Pitch position:	-15	deg	7.14%
	Surge position:	-0.2	m	60.00%
	Heave velocity:	0.3	m/s	0.00%
	Max Pitch velocity:	-3.75	deg/s	7.14%
Removed USBL	Heave position:	8	m	0.00%
	Pitch position:	-15	deg	7.14%
	Surge position:	-0.5	m	0.00%
	Heave velocity:	0.3	m/s	0.00%
	Max Pitch velocity:	-3.65	deg/s	4.29%
Remove Thrusters	Heave position:	11.5	m	43.75%
	Pitch position:	2	deg	114.29%
	Surge position:	0.3	m	160.00%
	Heave velocity:	0.42	m/s	40.00%
	Max Pitch velocity:	1.25	deg/s	135.71%

Scenario 2: Surge - both forward 20% power; 30 seconds simulation				
All bodies present	Heave position:	-17	m	Difference [%]
	Pitch position:	31	deg	
	Surge position:	34	m	
	Surge velocity:	1.41	m/s	
	Max Pitch velocity:	8.5	deg/s	
Removed QQ	Heave position:	-17	m	0.00%
	Pitch position:	31	deg	0.00%
	Surge position:	34	m	0.00%
	Surge velocity:	1.41	m/s	0.00%
	Max Pitch velocity:	8.5	deg/s	0.00%
Removed Antenna	Heave position:	-6	m	64.71%
	Pitch position:	5	deg	83.87%
	Surge position:	65	m	91.18%
	Surge velocity:	2.53	m/s	79.43%
	Max Pitch velocity:	0.9	deg/s	89.41%
Removed USBL	Heave position:	-17	m	0.00%
	Pitch position:	31	deg	0.00%
	Surge position:	35	m	2.94%
	Surge velocity:	1.43	m/s	1.42%
	Max Pitch velocity:	8.5	deg/s	0.00%
Remove Thrusters	Heave position:	-19.5	m	14.71%
	Pitch position:	39	deg	25.81%
	Surge position:	35	m	2.94%
	Surge velocity:	1.47	m/s	4.26%
	Max Pitch velocity:	11.3	deg/s	32.94%

Scenario 3: Yaw - left forward 10% power, right backward 24% power; 30 seconds simulation				
All bodies present	Yaw velocity:	20	deg/s	Difference [%]
	Yaw position:	538	deg	
Removed QQ	Yaw velocity:	20	deg/s	0.00%
	Yaw position:	538	deg	0.00%
Removed Antena	Yaw velocity:	20.5	deg/s	2.50%
	Yaw position:	551	deg	2.42%
Removed USBL	Yaw velocity:	20	deg/s	0.00%
	Yaw position:	538	deg	0.00%
Remove Thrusters	Yaw velocity:	20	deg/s	0.00%
	Yaw position:	538	deg	0.00%