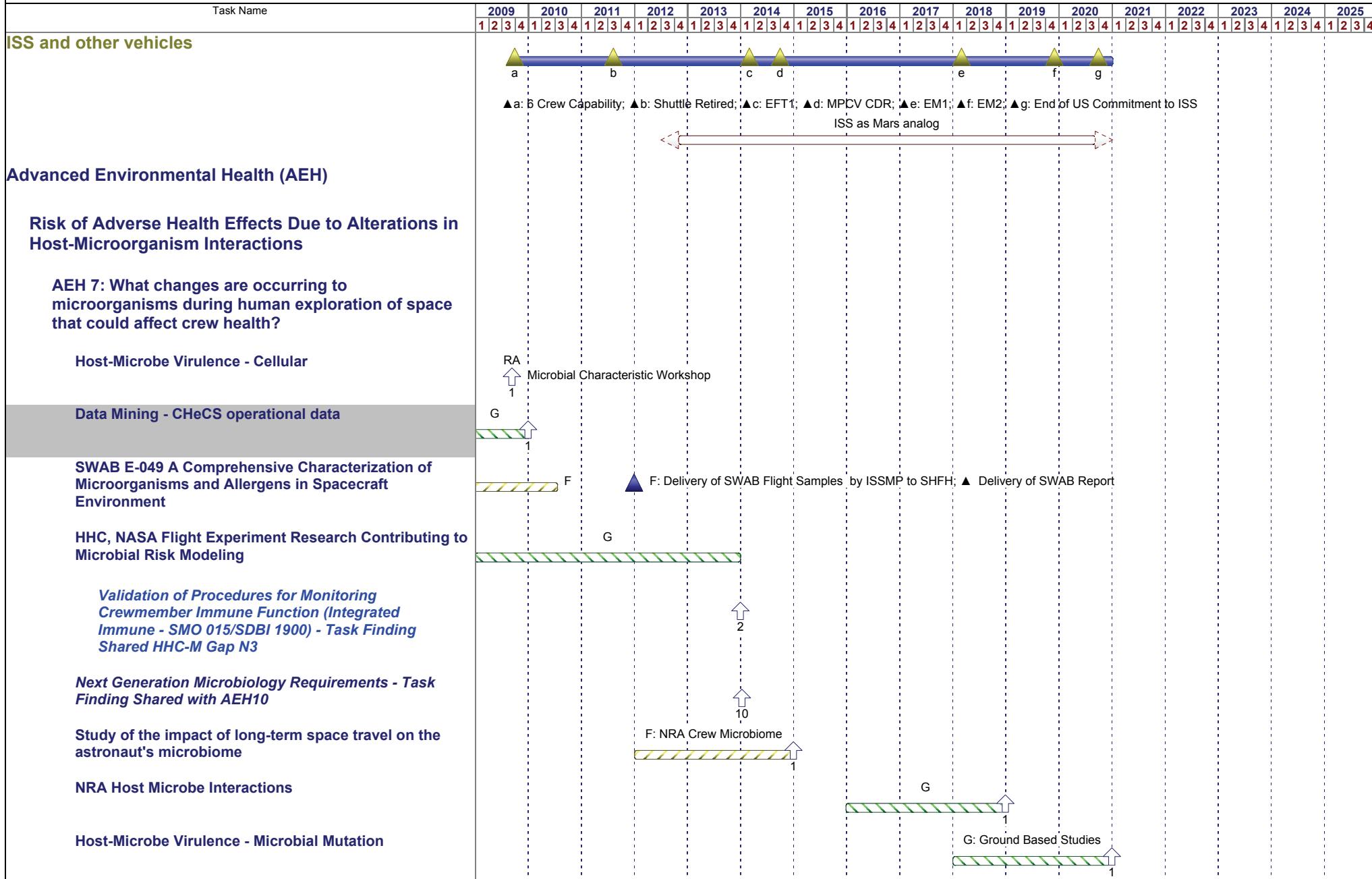
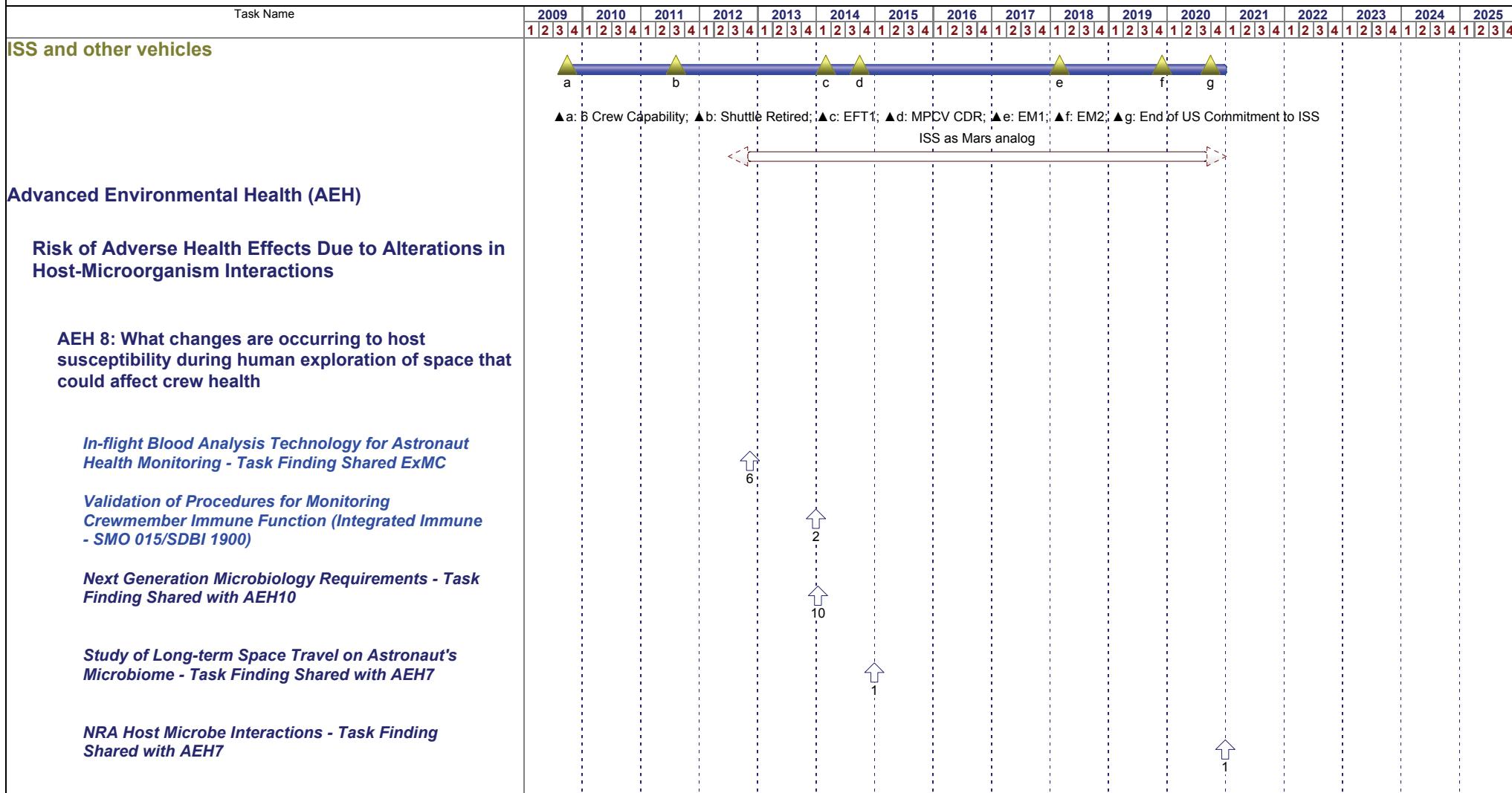
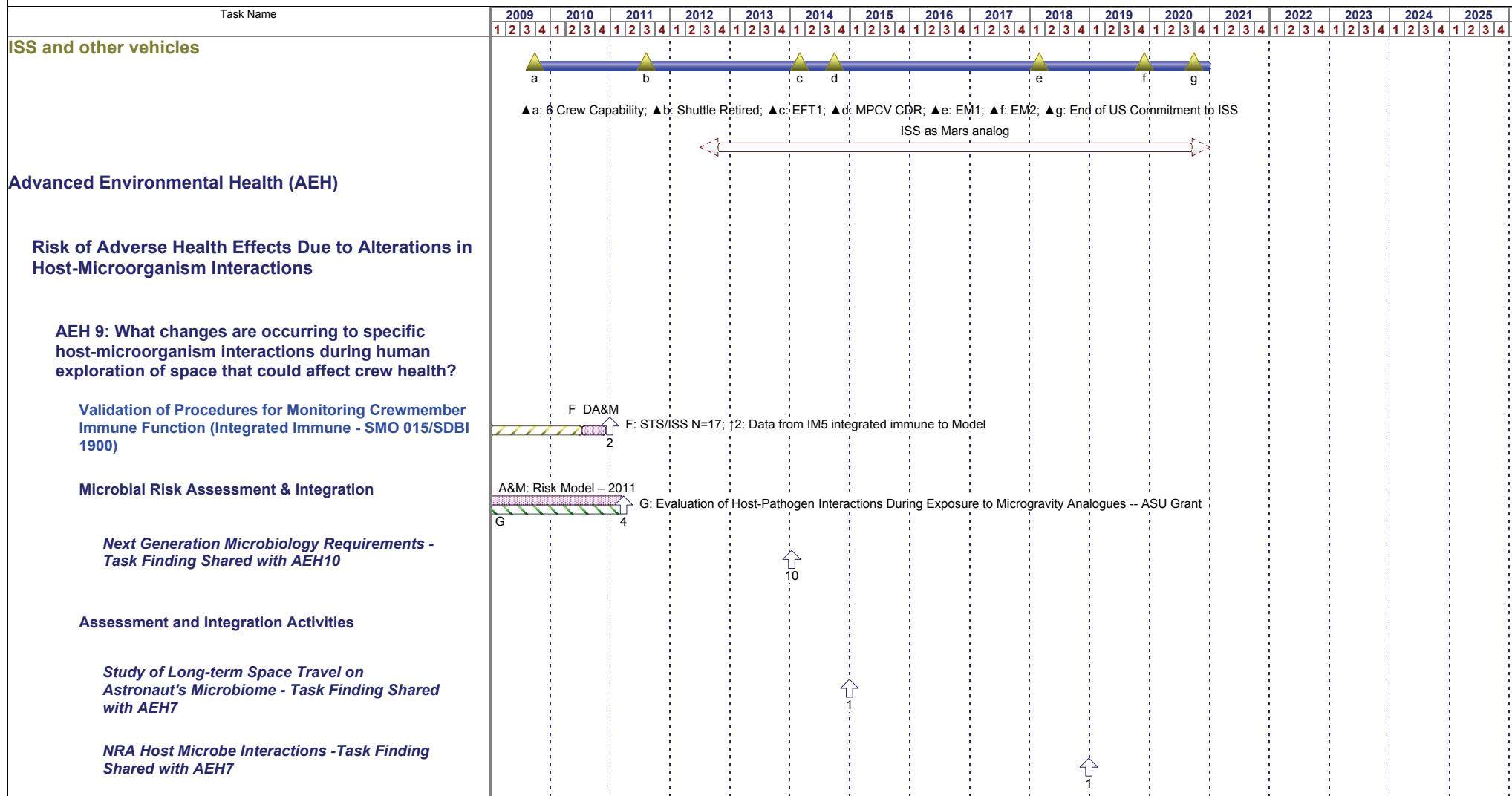




G: Ground Study		Early Start		6) Technology	
F: Flight Study		Task To Be Determined After Decision Point		7) Countermeasure	
L: Lunar		Major Milestone/Event/Accomplishment		8) Information To/From other Elements	
NSBRI		1) Risk Characterization		9) Information to HSRB	
DA&M: Data Analysis & Modeling		2) Task↓Task		10) Requirements	
FP: Flight Prep		3) Standards - New		11) Study	
AO: Add on to another study		4) Standards - Update		Stop	
Planned/unfunded		5) Tools		Major Decision Point	









Risk of Adverse Health Effects Due to Alterations in Host-Microorganism Interactions

Task Name

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1

ISS and other vehicles

▲a: B Crew Capability; ▲b: Shuttle Retired; ▲c: EFT1; ▲d: MPCV CDR; ▲e: EM1; ▲f: EM2; ▲g: End of US Commitment to ISS

ISS as Mars analog

Advanced Environmental Health (AEH)

Risk of Adverse Health Effects Due to Alterations in Host-Microorganism Interactions

AEH 10: What changes are occurring to the efficiency of current counter-measures against microbial associated risks during human exploration of space that could affect crew health?

Development of Spaceflight Foods with High Microbial Concentrations

SWAB E-049 A Comprehensive Characterization of Microorganisms and Allergens in Spacecraft Environment - Task Finding Shared with AEH7

Next Generation Microbiology Requirements

Free Water Events on Mir and ISS

NRA Host Microbe Interactions - Task Finding Shared with AEH7

10
1
G1
G3
G2
4a
4c
4b
G
4
1

Interim Reports - Forum: G1/↑4a: Water; G2/↑4b: Surface & Air; G3/↑4c: Food

Final report containing compiled operational events, countermeasures, and results.