1. **PURPOSE.** The purpose of the Ground Robotics Integrated Product Team (IPT) is to provide a forum for the Marine Corps to discuss the application of semi-autonomous or autonomous systems that may address current or emerging capability gaps. To discuss technological advances in robotic systems and applications that may enhance USMC combat effectiveness, lethality and survivability; Enhance the visibility and validity of robotic systems and discuss robotic systems capabilities and requirements development; Establish a roadmap for developing and procuring robotic systems across the USMC warfighting functions.

2. **BACKGROUND.** Unmanned Ground Vehicles (UGV), in varying sizes to meet mission capability requirements, are saving lives and providing critical supporting capabilities in current military operations worldwide. Included in the mix is a diverse combination of prototypes, commercial off the shelf (COTS) purchases, and fielded systems supporting our Joint forces in a variety of mission areas including improvised explosive device (IED) detection and defeat, reconnaissance, explosive ordnance disposal (EOD) and force protection (FP). The military importance of UGV technology is increasing rapidly. UGVs and other robotics now have capabilities to perform missions that are dirty, dull, and dangerous. Unmanned capabilities will continue to expand both in quantities deployed and in mission areas supported, to include combat service and service support.

3. **DISCUSSION.** The Project Manager, Robotic Systems Joint Project Office is assisting the USMC in establishing a roadmap or vision for the application of robotic technology for the current fight and to enhance future warfighting capabilities of the Marine Corps.

4. **RECOMMENDATION.** It is recommended that a robotics IPT comprised of members from various USMC organizations and agencies be established to chart the course for USMC robotics technology applications.