

25th IAA SYMPOSIUM ON SPACE ACTIVITY AND SOCIETY (E5)
Space Architecture: Designing Human Systems Interaction (3)

Author: Mr. SANDFORD MCLEOD
Canada, smcleod@toweraerospace.com

PERMANENT HABITATION, HUMAN, MECHANICAL, ENVIRONMENTAL AMBIENT
INTELLIGENCE, CONSTANT SOCIOLOGICAL INTERFACE IN SPACE

Abstract

ABSTRACT PERMANENT HABITATION, HUMAN, MECHANICAL, ENVIRONMENTAL AMBIENT INTELLIGENCE, CONSTANT SOCIALABLE INTERFACE IN SPACE

As an ongoing challenge to mankind, man is to be safely transported, live and habitat in far reaches of Space, interfacing constantly with advanced robotic machinery, robotic partnerships, communicative devices, environmental generation control systems, advanced analogous environments, meeting daily tasks to forever survive a completely hostile environment.

The very survival of the human race will depend on the success of these future Space ventures, not just to Mars but much deeper alien staged colony ventures in very deep Space, beyond generally known galaxy boundaries.

Confinement: A conclusive study of the effects of confinement of humans, male and female, and the profound long term effects of isolation and permanent separation from all previous human endeavors. Research indicates profound dramatic effects and direct lasting impact on emotional, physical, mental changes to the body and mind. We explore the direct daily impact of mechanical, automated robotic interface including the study of sociological impact regarding permanently automated surroundings and limited movement. The study of permanent impact of Space throughout the life of the Space traveler affected directly by ambient intelligence and mechanical survival functions.

A study of Mechanical and Human interface through several decades which entail a strange permanent robotic, mechanical, electrical and electronic systems environment on a day to day basis, intellectually and physically intertwined with the human colonizer. This paper examines the consequences of that interface, the cognitive reasoning, analogous environments, and cross over impact thereof during a living space flight and permanent colonization in Space. We study the interface of humanoids, robots, robotic equipment, artificial intelligence, bordering on human brain activity including the resulting impact on human subjects spending entire lives in Space.

The study includes impact of communications from space ship or colony, auto-communicative structures, communicative functioning systems and artificial equipment transmission back to earth. Internal vital system communications with robotic and artificial thought processes, interrelating to actual auto voice transmissions while living in Space. There is no doubt impact of such artificial and yet humanoid type interface year after year will create an unending impact and a changing process of working, thinking and communicating. The prospect of human reproduction, interfaced with artificial intelligence, communications and the prospect of facing equipment daily that smell, feel and almost taste like humans, yet are man-made and computer controlled, in human form will be extensively discovered and explored. S.G. McLeod