

Advanced Suspended Animation Program (ASAP) Using SAS v32.09 for SpaceOS v7.58932

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(Excerpt from the SUGI 75 Proceedings)

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Abstract

Through temporal reversal techniques, we have obtained an excerpt from the Proceedings of SUGI 75 which will be held in New New-York, New York in April 2050. This excerpt discusses what will then be a revolutionary new suspended animation technique.

SusAn Model 5000 Suspended Animation System (SAM 5000 SAS)

SusAn Technologies has been involved in suspended animation technology development for the last 27.56 years. Recent advances in the SAS System software, especially for SpaceOS v7.58932, have allowed what we consider to be a major advance in suspended animation technology. The current state of this technology is quite primitive. For instance, suppose a person decides to travel to a star system 65 light-years away at 90% of light speed in his LightCruiser90 Deluxe, the Cadillac of personal starships. He must put himself into a suspended animation formbox, hopefully the SusAn Model 4000, and remain there until he is about 0.2 light-years from his destination. At that time, the automated recuperation systems activate to revive the person. The same procedure must then be used for the return trip. Of course, when the space traveler returns home, nearly 145 years have gone by. A shorter time has gone by for the traveler, but he remembers nothing due to being in stasis.

SusAn Technologies has just developed the new Model 5000 suspended animation system. It does not use a formbox; rather it works on the body directly without any type of container. This is made possible by the new Molecular Observation Laser Emissions System (MOLES) from Underground Systems Ltd. and some new features of SAS v32.09.

MOLES allows remote monitoring of every molecule in a person's body via a low intensity laser in real time. An automated tracking system can be added to allow the monitoring to take place as the subject moves about in a confined area such as a space cruiser. SAS v32.09 is used to capture the data from the MOLES, analyze it, and feed information to our new Alpha-Phased Real-time In-Line Flesh-Oriented Optical Laser System (APRIL FOOLS). This system can send suspended animation encoded laser pulses to each individual molecule in the person's body. The molecules of a person's body are pulsed in and out of suspended animation on a high frequency basis. This allows a person to continue to function while in suspended animation.

Our studies have shown that a person can maintain 90% of his or her normal functionality while still

preserving 80% of the life extension that comes with standard suspended animation technology. For instance, if a person makes a trip that takes 20 years from the ship's perspective, then the SusAn Model 5000 will allow that person to perform at 90% efficiency for the entire 20 years, yet only age four years in the process. We believe this is a major breakthrough and are excited about future possibilities for this technology.

A portion of the Hologrid Control Language (HCL) code for the Model 5000 is shown in Listing 1. All of the code could not be shown for planetary security reasons and because we don't want others copying our product. Notice the simplicity of the code using the new features of SAS v32.09. We at SusAn Technologies wish to thank Jim Goodnight VIII and his crew of programming gurus at the SAS Institute for making available this powerful new version of SAS.

Listing 1. Portion of SusAn Model 5000 HCL Code.

```
INIT:
  ACTIVATE DEVICE MOLES;
  ACTIVATE DEVICE APRIL_FOOLS;
  ACTIVATE DEVICE HOLOVID;
  CONTROL DEVICE HOLOVID
    OUTPUT=STANDARD;
  CONTROL LOOP CONTINUOUS MAIN
    EXIT='ESCAPE';
RETURN;

MAIN:
  SUBMIT CONTINUE;
    DATA HUMANOID MODE=REALTIME;
      AUTOADJUST NUMOBS;
      INPUTDEVICE=&MOLES;
  RUN;
  PROC MOLECULE_STAT DATA=HUMANOID
    OUT=AFDATA;
    AUTOADJUST NUMOBS;
    TARGETDEVICE=&HOLOVID;
    SETPARM FUNCTIONALITY=90;
  RUN;
  PROC CONTROLDEVICE DATA=AFDATA;
    AUTOADJUST NUMOBS;
    TARGETDEVICE=&APRIL_FOOLS;
  RUN;
  ENDSUBMIT;
RETURN;

TERM:
  DEACTIVATE DEVICE MOLES;
  DEACTIVATE DEVICE APRIL_FOOLS;
  DEACTIVATE DEVICE HOLOVID;
RETURN;
```