Current speed
of the pod

AuxPax Engines online
Status and RPM

Auxiliary-Propulsion
(% Power)

8888

Km/H

RPM RPM

RPM RPM

100

Parameters of
Battery System
and Cooling
System

Battery and Cooling Systems

The List and
View Model of
parameters
will be defined
later

50

Temperature
and Pressure
parameters

Temperature & Pressure
parameters

RPM RPM

RPM RPM

View Model of
parameters
will be defined
later

Auxiliary-
Propulsion
Controller

Hover Engine Angle Control

Emergency Stop

0

Angle
Controller

Full
Propulsion
Force

Full Break
Force

Manipulatable

Manipulatable

Soft Brake Command

-50

Eddie
Brake

Mechanical
Brake

Hover Engine
Braking

Braking
Controls

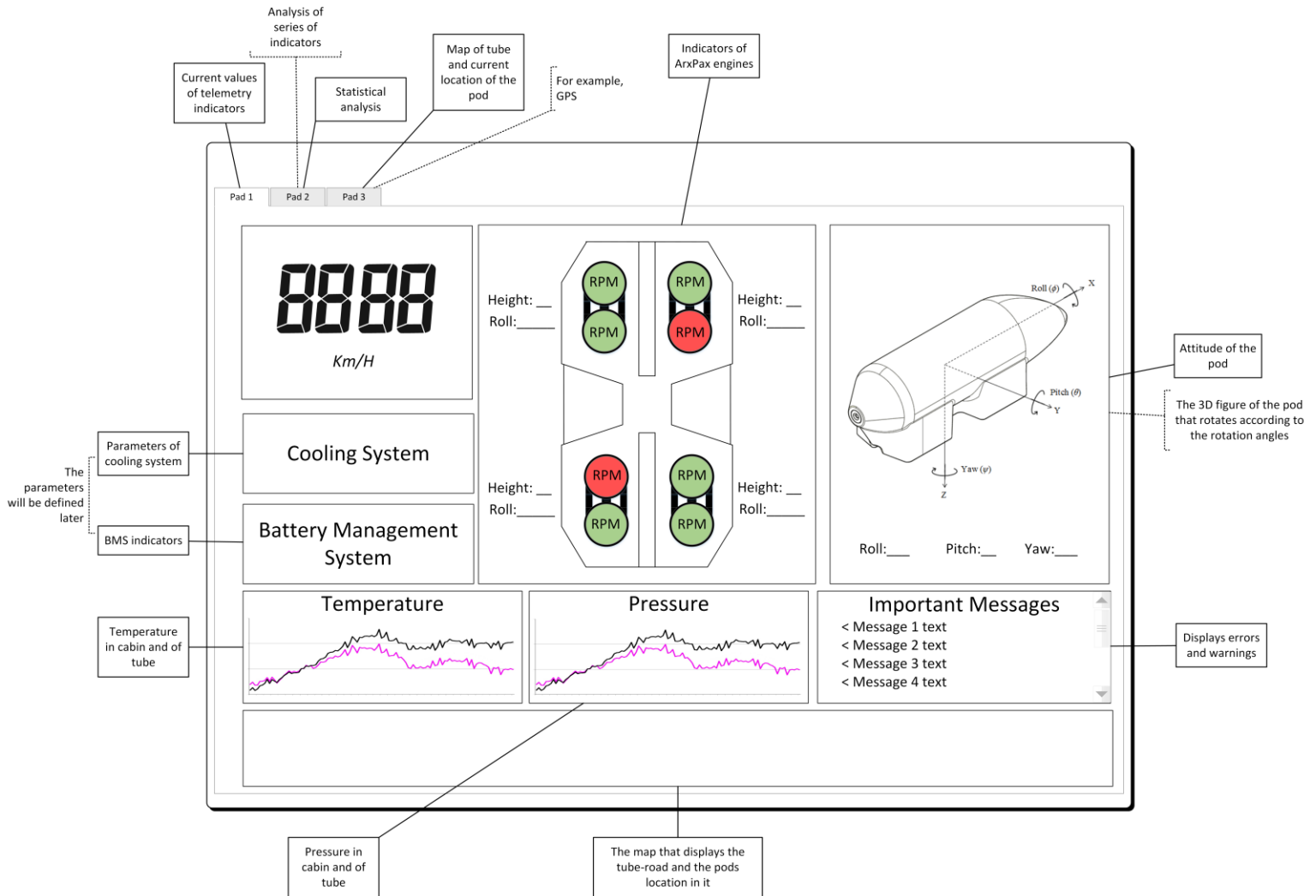Individual Braking Systems

-100

Explanations

To prevent user from pressing the wrong button the event produced by the
button should be done only after not only clicking but also a pressing the control
for a few seconds, or with a double tap

Analysis of series of indicators

Current values of telemetry indicators

Statistical analysis

Map of tube and current location of the pod

Indicators of ArxPax engines

For example, GPS

| Pad 1 | Pad 2 | Pad 3 |

8888

Km/H

Height: ___
Roll: ____

RPM
RPM

Height: ___
Roll: ____

RPM
RPM

Height: ___
Roll: ____

RPM
RPM

Height: ___
Roll: ____

RPM
RPM

Roll (ϕ)   X

Pitch (θ)   Y

Yaw (ψ)

Z

Roll:___   Pitch:___   Yaw:___

Attitude of the pod

The 3D figure of the pod that rotates according to the rotation angles

Parameters of cooling system

BMS indicators

The parameters will be defined later

Cooling System

Battery Management System

Temperature in cabin and of tube

Temperature

Pressure

Important Messages
< Message 1 text
< Message 2 text
< Message 3 text
< Message 4 text

Displays errors and warnings

Pressure in cabin and of tube

The map that displays the tube-road and the pods location in it

SPEEDOMETER

60
80
40
100
120
20
140
0
160

289,3
km/h

COOLING

BATTERY

STATE
CHARGING
32min left

SOLAR POWER:
438 kW/h

67%

PRESSURE

150
100
50
10

POD STATE

HEIGHT	ROLL			HEIGHT	ROLL
271mm	1.45°	87%	89%	271mm	1.45°
HEIGHT	ROLL			HEIGHT	ROLL
271mm	1.45°	58%	98%	271mm	1.45°

HEIGHT	ROLL			HEIGHT	ROLL
271mm	1.45°	89%	89%	271mm	1.45°
HEIGHT	ROLL			HEIGHT	ROLL
271mm	1.45°	91%	92%	271mm	1.45°

TEMPERATURE

150
100
50
10

GYROMETER

ROLL	PITCH	YAW
1.7°	5.4°	0.95°
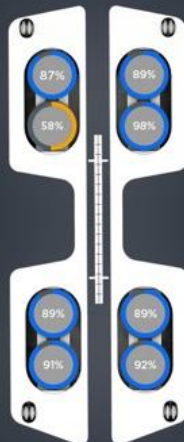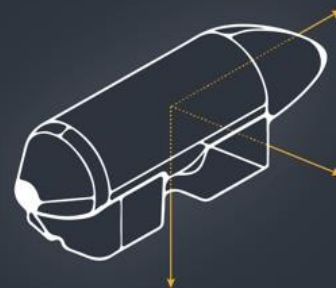
2:43:58 : BTLE scanner Powered Off
2:44:01 : kernel[0]: kern_open_file_for_direct_io(28)
2:44:03 : AppleCamIn::systemWakeCall - messageType = 0xE0000280
2:44:26 : en0: BSSID changed to 00:f7:6f:d1:a0:22
2:46:13 : vm_compressor_flush - starting
2:46:24 : vm_compressor_flush completed - took 11533 msecs
2:47:02 : hibernate_page_list_setall(preflight 1) start
2:47:03 : hibernate_page_list_setall time: 232 ms
2:49:20 : Pod#24 left Station 2
2:54:15 : Current speed of Pod#24 - 346 kmph
2:58:27 : WARNING - Temperature inside cabin #14 anormal
2:59:32 : Initiating cooldown...
2:59:34 : Temperatures lowered to 32Celsius