


KAP

Questionnaire for Potential Experiments

Accommodation of Experiments on KAP


KAP-KTH-QE-0101

Issue 1

	<p style="text-align: center;">KAP Questionnaire for Potential Experiments</p>	KAP-KTH-QE-0101	Issue 1
		23. April 2007	Page 2


CONTENT

1 General	3
2 Experiment Description	4
3 Experiment Properties and Interfaces	5
4 Experiment Requirements	6
5 Special Requirements/Conditions	9
6 Programmatic	10
7 Further Remarks	11

	<p style="text-align: center;">KAP</p> <p style="text-align: center;">Questionnaire for Potential Experiments</p>	KAP-KTH-QE-0101	Issue 1
		23. April 2007	Page 3


1 General

General Information	
Company / Institute	
Department	
Point of Contact (Name, Address, Telephone, Email, ...)	
Level of Confidence	
Name of Experiment/Technology	

	<p style="text-align: center;">KAP</p> <p style="text-align: center;">Questionnaire for Potential Experiments</p>	KAP-KTH-QE-0101	Issue 1
		23. April 2007	Page 4


2 Experiment Description

Short Description of Technology / Experiment (if required use extra sheet) (add also drawings and/or photos if available)

	<p style="text-align: center;">KAP Questionnaire for Potential Experiments</p>	KAP-KTH-QE-0101	Issue 1
		23. April 2007	Page 5


3 Experiment Properties and Interfaces

Properties and Interfaces	
Dimensions	
Mass	
Mechanical Interface	
Power Interface	
Data Interface	
Other Special Properties/Interfaces (GSE I/F, ...)	


	KAP Questionnaire for Potential Experiments		KAP-KTH-QE-0101 23. April 2007	Issue 1 Page 6

4 Experiment Requirements


Requirements	
Preferred Verification Timeline / Duty Cycle	
Orbital Requirements (Inclination, Altitude...)	
Attitude Control required? (Orientation, ...)	
Field of View required?(Angle, Direction, Sun Visibility, Earth Visibility, ...)	
μ or low-g Phase required? Minimum Duration? Level of low-g?	

	<p style="text-align: center;">KAP</p> <p style="text-align: center;">Questionnaire for Potential Experiments</p>	KAP-KTH-QE-0101	Issue 1
		23. April 2007	Page 7

Requirements	
<p>Thermal Environment (Boundaries, min/max. allowable temperatures, non-op and op boundaries...)</p>	
<p>Power Consumption (Voltage, Minimum Power, Average Power, Maximum Power, Peak Power, Power Profile)</p>	
<p>Required total Energy</p>	
<p>TM/TC Requirements (Data Rates, Data Storage, Data Format, Commanding, Number of Commands, ...)</p>	


	KAP Questionnaire for Potential Experiments		KAP-KTH-QE-0101 23. April 2007	Issue 1 Page 8
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Requirements			
Specific housing required / requested to be provided by KAP?			
Other Requirements			

	<p style="text-align: center;">KAP</p> <p style="text-align: center;">Questionnaire for Potential Experiments</p>	KAP-KTH-QE-0101	Issue 1
		23. April 2007	Page 9


5 Special Requirements/Conditions

Special Requirements/Conditions	
Toxicity, Flammability, ... (or other Safety Relevant Aspects)	
Special Storage and Maintenance Requirements, Maximum Life Time	
Cleanliness	
Integration, Late Access Provisions, ...	
Others	

	<p style="text-align: center;">KAP</p> <p style="text-align: center;">Questionnaire for Potential Experiments</p>	KAP-KTH-QE-0101	Issue 1
		23. April 2007	Page 10

6 Programmatic

Further Questions	
Please indicate earliest availability for a flight on KAP, please indicate latest one	
Please outline potential funding possibilities / budget lines available for flight opportunity of your experiment on KAP.	
Are there any further restrictions?	
Please outline shortly PA & Safety and AIV approach as well as spare philosophy	

	KAP Questionnaire for Potential Experiments	KAP-KTH-QE-0101 23. April 2007	Issue 1 Page 11
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7 Further Remarks

Further Remarks not reflected up to now

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