

The Second Solar-C Science Definition Meeting

Tetsuya Watanabe
(NAOJ)

Preparing the Mission Proposal Document

Solar-C International sub-Working Groups

G	Engineering Investigation of Plan A Spacecraft	Plan A Helioseismology and the Solar Dynamo	Plan B Measurement of the Chromospheric Magnetic Field	UV/EUV High-Throughput Spectroscopy	Next Generation X-ray Telescope
	H. Hara (NAOJ)	T. Sekii (NAOJ)	Y. Katsukawa (NAOJ)	T. Shimizu (ISAS/JAXA)	T. Sakao (ISAS/JAXA)
air	N/A	T. Appourchaux (IAS)	B. Lites (HAO)	G. Doschek (NRL)	E. DeLuca (SAO)

Preparing the Mission Proposal Document

Sub Working Group Activity

sWG meetings; twice ~ three-times till Oct – Nov 2009

Submit the draft report/document for mission proposal

Iterate and revise by Dec 2009 ~ Jan 2010

Discuss at the 2nd Solar-C Science Definition Meeting

Further revise during Apr ~ Sep 2010

Submit MPD to JAXA (autumn ~ winter 2010)

2nd Solar-C Science Definition Meeting

Date: 9-12 Mar 2010

Venue: ISAS/JAXA (Sagamihara) A2-conference room

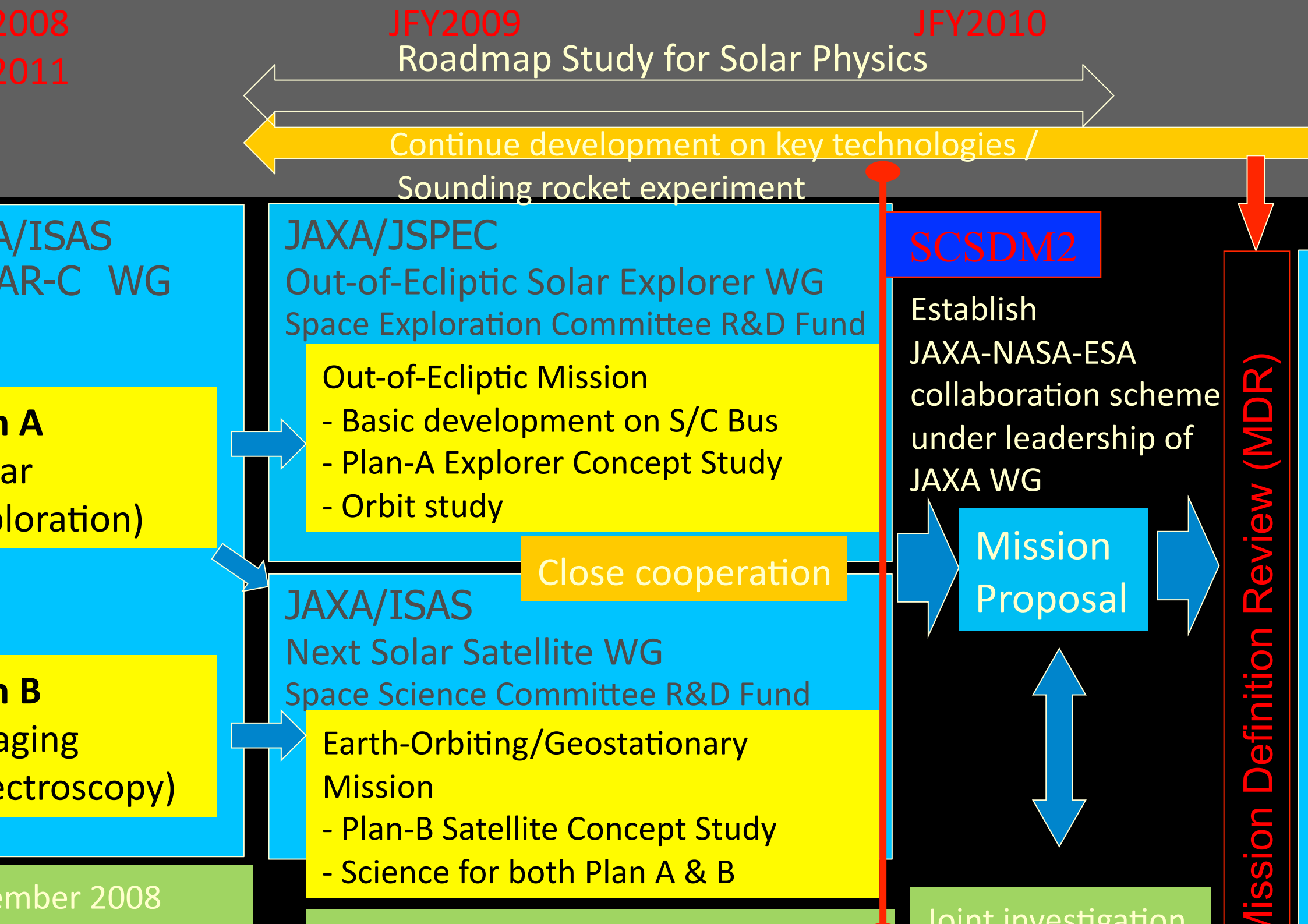
Agenda:

1. Introduction
2. Plan A mission
3. Plan B mission
4. What Hinode has achieved in context of Solar-C science
5. Plan C for L5 point
6. Discussion

Toward Mission Proposal

JAXA Mission – Milestones and Schedules

Contents of the Mission proposal document



2008
2011

JFY2009
Roadmap Study for Solar Physics

JFY2010

Continue development on key technologies /
Sounding rocket experiment

JAXA/ISAS
Plan A
(Out-of-Ecliptic Mission)

JAXA/JSPEC
Out-of-Ecliptic Solar Explorer WG
Space Exploration Committee R&D Fund

Out-of-Ecliptic Mission

- Basic development on S/C Bus
- Plan-A Explorer Concept Study
- Orbit study

SCSDM2

Establish
JAXA-NASA-ESA
collaboration scheme
under leadership of
JAXA WG

JAXA/ISAS
Plan B
(Earth-Orbiting/Geostationary Mission)

JAXA/ISAS
Next Solar Satellite WG
Space Science Committee R&D Fund

Earth-Orbiting/Geostationary
Mission

- Plan-B Satellite Concept Study
- Science for both Plan A & B

Close cooperation

Mission
Proposal

Mission Definition Review (MDR)

September 2008

Joint investigation