

BIRDS-2 PROJECT CRITICAL DESIGN REVIEW

Tentative Schedule of Activities

Date/Time	Activity	Presenters/Focal Person	Venue
Monday, 17th July, 2017			
	Arrival in Japan	Respective BIRDS-2 members	Booked hotel/guest house
Tuesday, 18th July, 2017			
10:00 – 11:15	Meeting of Bhutanese guests with Prof. Cho	Prof. Cho (Kyutech), Asst. Prof. Maeda, Dr. Pauline Faure	Research Building No.1, 4F, LaSEINE Control Room
11:30 – 12:00	-Welcoming of guests by Kyutech President Prof. Oie -Photo Session (@ 1st floor)		Nakamura Hall, 2F, Special Meeting Room
12:00 – 13:00	Lunch Break	Respective BIRDS-2 members	Cafe Rouge & Blac, Nakamura Hall
13:00 – 17:00	CDR Proper	BIRDS-2 members	Nakamura Hall, 2F, Special Meeting Room
18:30 –	-Reception Dinner BIRDS-2 Project website launching -Photo Session	BIRDS-2 members	Nakamura Hall, 1F
Wednesday, 19th July, 2017			
09:30 – 10:15	<u>Panel Discussion 1</u> <i>Topic: Ideas for Promotional and Outreach Activities at Home Countries</i>	Moderator and Presenter: Ms. Yeshey Choden (BIRDS-2 Member, Bhutan)	Nakamura Hall, 2F, Special Meeting Room
10:15 – 10:25	Short Break		
10:30 – 12:00	Facility Tour	BIRDS-2 members	CENT, LASEINE and HVI
12:00 – 13:00	Lunch Break	Respective BIRDS-2 members	Seikyoku Cafe
13:00 – 13:45	<u>Panel Discussion 2</u> <i>Topic: Development and Deployment of Magnetic</i>	Moderator: Syazana Presenters: Dr.	Nakamura Hall, 2F, Special Meeting Room

	<i>Field Measurement Sensors</i>	Huzaimy and Ms. Amirah (Mira) (UiTM, Malaysia)	
13:45 – 14:30	<u>Panel Discussion 3</u> <i>Topic: Development and Deployment of Ground Sensor Terminals for BIRDS-2 Nanosatellite S&F Remote Data Collection System</i>	Moderator: Mr. Adrian Salces Presenters: Mr. Adrian Salces (BIRDS-2 Member, UPD, Philippines) and Ms. Amirah (UiTM, Malaysia)	
14:30 – 14:40	Short Break		
14:40 - 15:25	<u>Panel Discussion 4</u> <i>Topic: Ideas on Capacity-Building and Educational Activities in Home Countries for Sustainability of Small Satellite Development</i>	Moderator: Mr. Kiran Pradhan	
Thursday, 20 th July, 2017			
	Departure	Respective BIRDS-2 members	Airport

Breakdown of CDR Proper Schedule

Time	Title	Presenter
13:00 - 13:10	CDR Progress Report	Joven
13:10 - 13:30	Automatic Packet Relay System Digipeater (APRS-DP) mission	Yeshey
13:30 - 13:50	Store & Forward (S&F) mission	Adrian
13:50 - 14:10	Camera Mission	Azami
14:10 - 14:30	COTS GPS & Single Event Latch-up (SEL) mission	Joven
14:30 - 14:40	Anisotropic MagnetoResistance Magnetometer (AMR-MM) Mission	Syazana
14:40 - 14:50	Break	
14:50 - 15:10	Antenna design	Syazana
15:10 - 15:40	Communications System and Ground Station	Adrian

15:40 - 16:00	Structure	Uemura
16:00 - 16:20	On-Board Computer System	Kiran
16:20 - 16:40	Attitude Determination and Control System	Cheki
16:40 - 17:00	Electrical Power System	Yamaguchi

Details on Facility Tour

- **2 Groups**

Group A: Filipino and Bhutanese guests accompanied by Joven, Kiran, Yeshey and Cheki (total: 13)

Group B: Malaysian guests accompanied by Syazana and Azami (total: 8)

- **3 Sites**

Site 1: Center for Nanosatellite Testing (CENT) and BIRDS-2 Room, SVBL

Site Guide for CENT: Dr. Masui

Site Guide for BIRDS-2 Room: Respective BIRDS-2 students

Site 2: Laboratory of Spacecraft Environment Interaction Engineering (LaSEINE) center and Kyutech Amateur Satellite Ground Station, General Research Building 4

Site Guide for LaSEINE: Dr. Kim

Site Guide for Ground Station: Bonsu/Adrian

Site 3: Hypervelocity Impact Laboratory (HVI), Building No. 19

Site Guide for HVI: Dr. Faure

- **Detailed Timeline**

Group A Schedule

Time	Activity	Location	Site Guide
10:25 am – 10:30 am	Going to CENT	1 st Floor, SVBL	Filipino and Bhutanese BIRDS-2 students
10:30 am – 10:50 am	Tour to CENT facilities	1 st Floor, SVBL	Dr. Masui
10:50 am – 10:52 am	Going to BIRDS-2 Room	3 rd Floor, SVBL	Filipino and Bhutanese BIRDS-2 students

10:52 am – 11:02 am	Visit to BIRDS-2 Room	3 rd Floor, SVBL	Filipino and Bhutanese BIRDS-2 students
11:02 am – 11:07 am	Going to LaSEINE center	4 th Floor, General Research Building No. 1	Filipino and Bhutanese BIRDS-2 students
11:07 am – 11:22 am	Tour to LaSEINE facilities		Dr. Kim
11:22 am – 11:24 am	Going to Kyutech Amateur Satellite Ground Station	8 th Floor, General Research Building No. 1	Filipino and Bhutanese BIRDS-2 students
11:24 am – 11:39 am	Visit/Demo Kyutech Amateur Satellite Ground Station		Bonsu (for confirmation)/Adrian
11:39 am – 11:44 am	Going to HVI	HVI Laboratory, Building No. 19	Filipino and Bhutanese BIRDS-2 students
11:44 am – 12:54 am	Tour to HVI facilities		Dr. Faure
11:54 am – 12:00 nn	Going to lunch venue	Seikyou Cafe	Filipino and Bhutanese BIRDS-2 students

Group B Schedule

Time	Activity	Location	Site Guide
10:25 am – 10:30 am	Going to LaSEINE center	4 th Floor, General Research Building 4	Malaysian BIRDS-2 students
10:30 am – 10:45 am	Tour to LaSEINE facilities	4 th Floor, General Research Building 4	Dr. Kim
10:45 am – 10:47 am	Going to Kyutech Amateur Satellite Ground Station	8 th Floor, General Research Building No. 1	Malaysian BIRDS-2 students

10:47 am – 11:02 am	Visit/Demo Kyutech Amateur Satellite Ground Station		Bonsu (for confirmation)/Adrian
11:02 am – 11:07 am	Going to HVI	HVI Laboratory, Building No. 19	Malaysian BIRDS-2 students
11:07 am – 11:17 am	Tour to HVI facilities		Dr. Faure
11:17 am – 11:22 am	Going to CENT	1 st Floor, SVBL	Malaysian BIRDS-2 students
11:22 am – 11:42 am	Tour to CENT facilities		Dr. Masui
11:42 am – 11:44 am	Going to BIRDS-2 Room	3 rd Floor, SVBL	Malaysian BIRDS-2 students
11:44 am – 11:54 am	Visit to BIRDS-2 Room	3 rd Floor, SVBL	
11:54 am – 12:00 nn	Going to lunch venue	Seikyou Cafe	Malaysian BIRDS-2 students