

**Seminar on GNSS Spectrum Protection and Interference Mitigation  
Mongolia**

**Day One: Tuesday, 26 October 2021**

<b>Start</b>	<b>Dur</b>	<b>Session</b>	<b>Subject</b>	<b>Presenter</b>
		1. Overview		
14:00	0:10		Course Introduction	J. Auerbach
		2. Introduction to GNSS		
14:10	0:20		How GNSS Works and Applications	D. Hayes
14:30	0:10		GNSS Receiver Fundamentals	T. Mitome
14:40	0:20		Introduction to Interference	D. Choi
		3. Spectrum Management		
15:00	0:10		What is Spectrum Management	D. Hayes
15:10	0:20		The ITU and Spectrum Management	Hon Fai NG
15:30	0:20		Introduction to National Spectrum Agencies and National Applications	D. Hayes, T. Mitome
15:50	0:10		Day 1 Recap and Q&A Session	J. Auerbach/All
16:00				
16:00			Adjourn	

**End Day One Session**

**Day Two: Wednesday, 27 October 2021**

<b>Start</b>	<b>Dur</b>	<b>Session</b>	<b>Subject</b>	<b>Presenter</b>
14:00	0:05		Day 2 Introduction and Recap	J. Auerbach
14:05	0:00			
		4. Spectrum Protection		
14:05	0:20		Introduction to Spectrum "Protection"	D. Allen
14:25	0:20		ICG Activities and its Role in Spectrum Protection and Interference Detection and Mitigation	J. Auerbach
14:45	0:20		Case Studies: Ultra Wide Band & LightSquared	D. Choi
15:05	0:20		<b>Break</b>	
		5. Interference Detection and Mitigation		
15:25	0:20		Proliferation of GNSS Jammer Devices	D. Hayes
15:45	0:20		Interference Detection Concepts	T. Mitome
16:05	0:20		Interference Detection and Mitigation and GNSS Jammers	J. Dawson
		6. Summary/Interactive Discussion		
16:25	0:35		Summary and Q&A Session	J. Auerbach/All
			<b>End of Day Two Session/Course Completed</b>	
17:00				