



THE INSTITUTION OF ENGINEERS, MALAYSIA


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**TECHNICAL VISIT TO
 MEASAT TELEPORT AND BROADCAST CENTRE (MTBC)**
(Organised by Electrical Engineering Technical Division)
 BEM approved CPD/PDP hours: 2 Ref No: IEM14/HQ/216/V

Date : 20th August 2014 (Wednesday)
Time : 9.00am to 1.00pm
Transport : Participants are to assemble at Bangunan Ingenieur, PJ at 8.00 am.

SYNOPSIS

MEASAT Teleport and Broadcast Centre (MTBC), located just outside of Kuala Lumpur, is MEASAT's primary facility housing the organizations Corporate Office, Satellite Control Center and Customer Support Operations. MTBC houses the primary Telemetry, Tracking and Command (TT&C) activities for the fleet of MEASAT satellites. The control centre is staffed 24 x 7 by a team of highly qualified satellite engineers. These engineers constantly monitor the health of the MEASAT satellites, and undertake regular station keeping maneuvers to ensure that the fleet retains its excellent operational track record. MTBC also houses the MEASAT Network Management Centre (NMC). The NMC is responsible for ensuring customer services are carried reliably across the MEASAT network. Using the latest monitoring equipment, the NMC provides 24 x 7 customer support by proactively monitoring the status of the satellite communications payloads and customer traffic. In addition to providing satellite control and customer support services, MTBC also provides customer teleport facilities. With a farm of 17 antennas providing fully redundant connectivity to the MEASAT satellite network and connectivity to regional video hot-birds; redundant fiber connectivity to local, regional and global POPs; and, secure facilities for customer equipment, MTBC enables customer's seamless access to the MEASAT network.

TIME	TENTATIVE ITINERARY	COMMITMENT FEE (Non refundable & non transferable)
9.00 am	Depart From IEM	IEM member: RM30.00 Non IEM member: RM60.00 
10.00am	Arrival at MTBC	
10.15am	Presentation / Overview of MEASAT	
11.15am	Questions & Answer Session	
11.30 am	Refreshments	
11.45am	Facility Tour	
12.55 noon	End of Visit (Depart to IEM)	

- ✓ The visit is strictly limited to only **twenty(20) participants** registered on a 'first come, first served' basis.
- ✓ Interested members could :
 - Register and pay online at IEM website (<http://www.myiem.org.my>); OR
 - Register by returning the appended registration form by 15th August 2014
- ✓ Cheques are to be made payable to "The Institution of Engineers, Malaysia".
- ✓ The commitment fee must be settled prior to the visit.

Ir. Lam Sing Yew
Chairman
Electrical Engineering Technical Division

TECHNICAL VISIT TO MEASAT Teleport and Broadcast Centre (MTBC) on 20 th AUGUST 2014 REGISTRATION FORM (Fax: 03-7957 7678 Email: roselein@iem.org.my)	
I wish to participate in the above visit on 20th August 2014 (Wednesday) I enclose herewith cash/cheque for the amount of RM..... as my commitment fee for the visit.	
Name	
IEM Membership No.	
NRIC No.	
Company Name	
Email Address <i>(please write clearly as the confirmation letter will be sent via email)</i>	
Mobile No.	
Fax No.	

I will be participating in the visit at my own risk and hereby indemnify fully the IEM from all claims arising from any injury, damage or loss that may be sustained by me.

.....
 Signature

.....
 Date