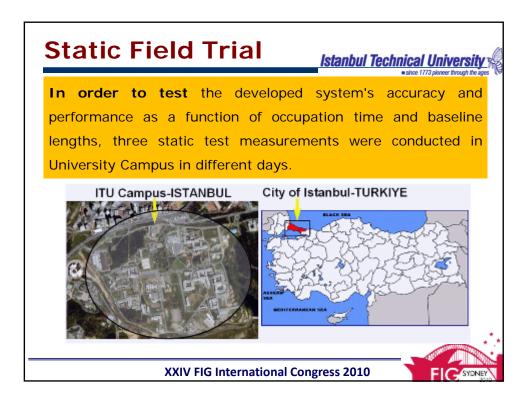
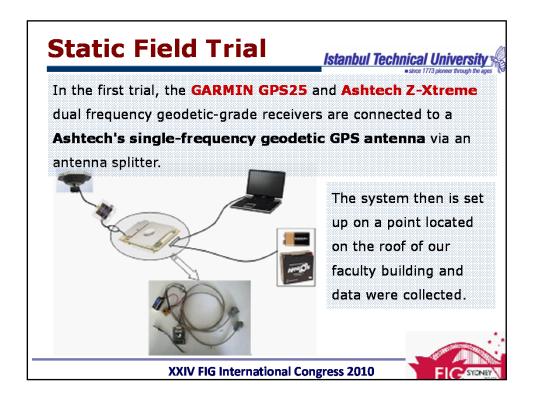


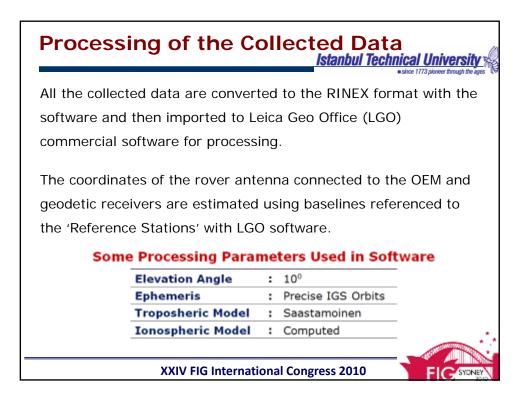
Developed S Thales Navigation AC		Istanbul Technical University		
	tem	Specification		
General		12-channel continuous tracking OEM OPS receiver board		
OPS parameters Update rate		L1 frequency, C/A code (SPS) and carrier 1 Hz		
	Horizontal 95%	Autonomous 5.0 m, SBAS 3.0 m, DGPS 1.5 m		
Carrier Phase Meas. Accuracy		3 mm (RMS)		
Speed (max)		514 m/s (1.000 knots)		
WAAS/EGNOS	Support	Yes		
		NMEA 0183 V3.0 using standard Ashtech command set		
Message types		RTCM V2.2 differential remote message types 1, 3, 9		
THALES Communication interface Message types Serial ports		One TTL full duplex for primary I/O One TTL half duplex for RTCM		
Baud rate		Selectable 1200 to 115,200 bps (except 2400 and 38400 bps.)		
Size/Weight Bo	ard	Bare board: 39 x 60 x 10 mm 20 gr (with mechanical shield case: 45.4 gr)		
Input voltage/ou	arrent consumption	3.3 to 5 VDC/55 to 70 mA typical		
XXIV FIG	6 Internation	al Congress 2010		

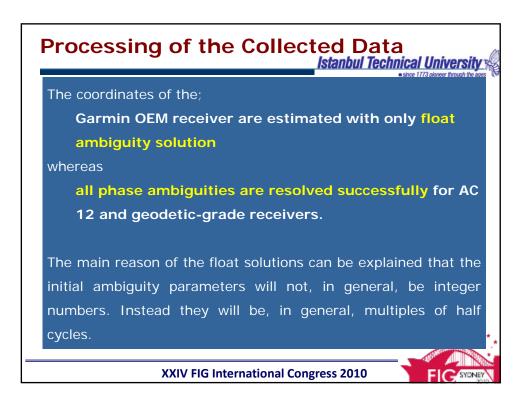


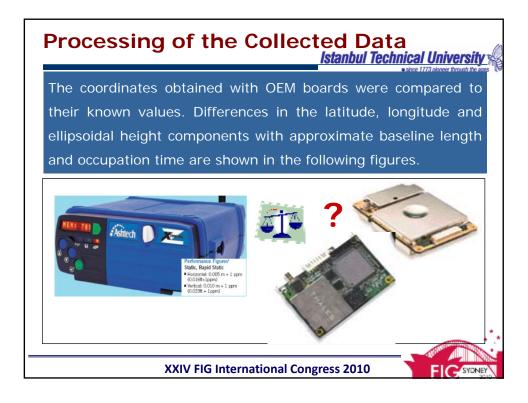




Static Field Trial				Istanbul Technical University • since 1773 pioneer through the age				
Throughout the studies, IGS and/or continuously operating								
	eference statio sed as reference.		I, BAD	1 and KANI	DILLI-KANT			
Trial Number	Reference Station-Marker	Rover Station	Baseline Length	Occupation Time	Rover Receivers Antenna Type			
&Date	Name	Name CP-1	(km)	(minutes)				
Trial-1 November 25, 2006	- TUBI - KANDILLI (KANT)	CP-I	~ 50.6 ~ 6.0	30, 60 (2 parts) and 120	Garmin GPS25& Ashtech Z-Xtremo /L1 Geodetic Antenna			
Trial-2 December 07, 2006	- TUBI	CP-1	~ 50.6	30, 60 and 120				
	- BAD1		~ 29.2		Magellan AC12			
	- KANDILLI (KANT)		~ 6.0		OEM&Ashtech Z			
Trial-3 December 08, 2006	- TUBI	CP-1	~ 50.6	30 (2 parts), 60	Xtreme / L1&L2			
	- BAD1 - KANDILLI (KANT)		~ 29.2 ~ 6.0	and 120	Geodetic Antenna			







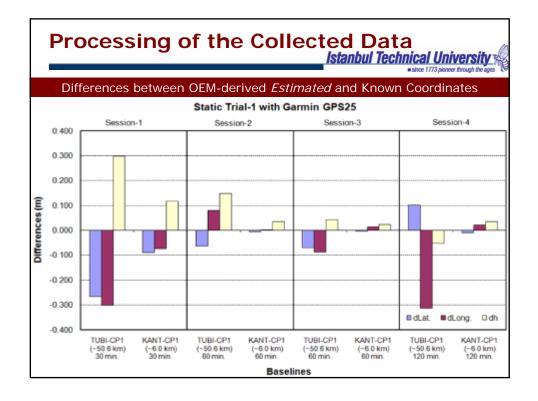


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