





FIG *From the wisdom of the ages to the challenges of modern world"							
Potential							
			QZSS	BeiDou			
First launch	1978	1982	2010	2007	2011		
Fully operational	1995	2011	??	2020	2018		
Number of satellites	32	31	7	35	30	135	
Current status	32 operational	24 operational 1 in preparation 2 on maintenance 3 reserved 1 on test	1 operational 3 planned until 2017	14 operational	4 in space 22 budgeted	75	
FIG CHAMBER OF SPADUATED SURVEYORS Platinum Sponsors:						esri	

















































FI	G From the wisdom of to the challenges of	the ages modern world"	FIG WORKING WEEK					
Summary								
			RTXNet					
	Max number of stations	150 stations	300 stations					
	Support satellite systems	GPS, Glonass, QZSS	GPS, Glonass, QZSS, BeiDou, Galileo					
	Position sensitivity	< 5 cm	< 1 cm					
	Expected performance	> 98%	> 90%					
		Distribute error in the network	Keep any error at the station					
		50 – 70 km station spacing	No inter station relation					
	Rover performance	50 – 70 km station spacing	50 – 70 km station spacing					
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