



***Neville J. Thomson:  
"It was great to be part of the project!"***

The 2000 Olympic Summer Games began early for surveyor Neville J. Thomson – in 1996, to be exact. That was when De Martin & Gasparini awarded Thomsons Construction Surveys Pty Ltd a constructional survey contract for Stadium Australia’s entire foundations and concrete structures. Neville J. Thomson says: “For two years, we had a couple of surveying teams on-site, plus occasional visits by our quality control measurement team. We used our software to electronically transfer the plan data directly to our four LEICA TC1010s with GRM10 Rec Modules.” According to Neville, the most demanding measurement challenge from a technical standpoint was pinpointing the anchor points for the gigantic steel suspensions

supporting the roof structure. With a tight schedule, on a hectic construction site, reliability and precision are what matter. Says Neville: “I have gained experience with instruments from various vendors over the years – which is why we now use only Leica Geosystems kit.” Thomson also used Leica instruments for surveying Sydney’s Aquatic Center and the SuperDome for Abigroup Ltd. ***Stf***

***Below: Speed, leaping power and take-off angle are the critical factors. In September 110,000 spectators and over 5000 media representatives will be following the results in the stadium live. Billions of people will be doing the same on television broadcasts.***

***Projecting side stands, spiral-shaped multi-tier access ramps and the magnificent curved roof structure over the side stands are the distinguishing architectural features of Stadium Australia which visitors notice as they arrive.***  
***In this picture building surveyor Neville Thomson is checking the positions of the huge concrete abutments. Their anchorings were determined in 1998 using Leica Geosystems’ measuring technology.***

