

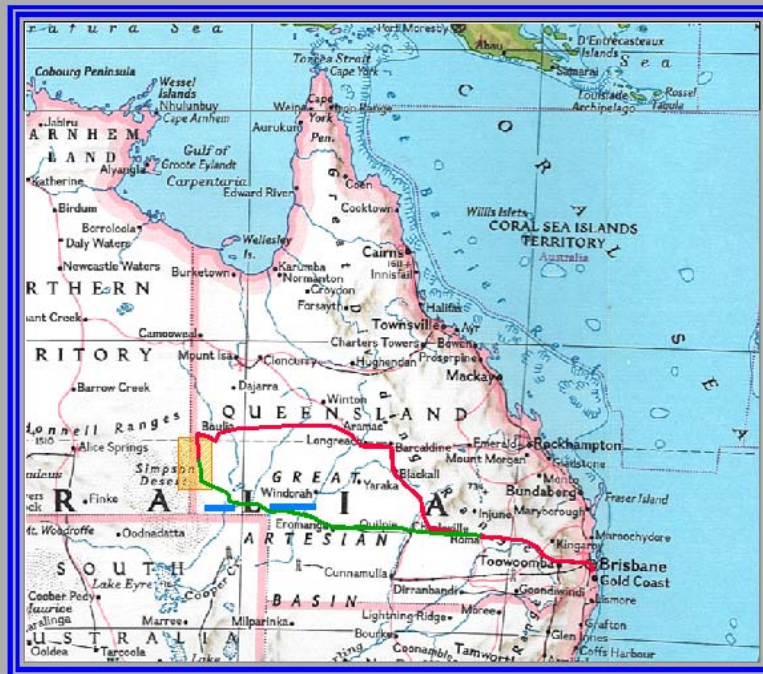
Historical QLD/NT Border Survey

A 150 km section in the 150th year of Queensland
Last surveyed in 1884 – 125 years ago!

Conducted by Bennett & Bennett Surveyors

Q150 Adventure

27 th August - 6 th September 2009



Queensland / Northern Territory Border
[253 m Post - 163 m Post]
150 km Section

Area of Survey



Route to Site



Drive Back



PROJECT: To resurvey/identify part of the Qld/NT border from the original 253 mile post (at the Donohue Highway) southward to the original 163 mile post. Target distance of 150 km (90 Mile).

Date: Thursday, 27th August to Sunday, 6th September 2009

Location: As shown on the map on the previous page

History:

- Boundary of 138 E Longitude agreed to by South Australia and Queensland governments in 1862 (147 years ago)
- Boundary surveyed by Poeppel & Wells in 1884 (125 years ago)
- Our proposed section has not been surveyed since that date of 1884

Survey Team: 7 people

1. Project manager/survey – Paul Jones (Director)
2. GPS Expert / Survey Strategist – Steve Mavor (Partner)
3. Survey/logistics – Grant Pennycuick (Director)
4. Mechanic/Draftsman – Darren Chalmers (Partner)
5. Survey/Field documentation – Dave Edwards (Partner)
6. Video camera operator/producer – Clancy Sharp (Student Surveyor)
7. Survey – Mark Fritsch

Note: 3 people in the team have a First Aid Certificate (S. Mavor/D. Chalmers/C.Sharp)

Vehicles: Three (3) 4WDs – include spare parts needs

Equipment:

- GPS – two base stations
- two rovers
- one/two handheld GPS location devices (accuracy 10-20 m)
- generator, fridge, camping gear, eskys, dry ice
- tripods, one T2 (for sun/star obs), 2-way radio, satellite phone
- two Q150 marks to be placed
- video camera and chargers/tapes, digital camera, extra batteries,
- laptop – Trimble Business Centre, Civilcad
- First Aid Kit

Supplies:

- Water, soft drinks
- Food supplies
- Camp BBQ, pots, pans, etc
- Tents, sleeping bags and mats

PROGRAM

- Depart Coomera office at 12 pm on Thursday, 27th August 2009 (arrange for launch photo shoot and send off)
- Drive across Qld to the NT border (see map attached)
- Arrive Saturday (lunchtime) at the border of NT/Qld (253 mile post). Commence GPS set up and base control. Place Q150 mark at the Donohue Highway and Qld/NT border intersection
- Survey conducted from lunch time Saturday, 29th August until Thursday night, 3rd September 2009 – traverse by GPS southwards to the 163 mile post and place a remote Q150 mark or PSM at this point (traverse south to the 139 mile post, if possible and time available)

- Mobile camp (ie camp wherever we finish at the end of the day)
- Very remote location
- Head to Birdsville and attend the Birdsville races on Friday 4th September
- Stay the night camping in Birdsville and then commence the return journey on Saturday morning
- Visit “Haddon’s Corner” that morning
- Arrive back at Coomera office on Sunday (approx lunchtime), 6th September 2009 (arrange for a photo shoot for the local paper, company use and use of other media)

BENEFITS

To company

- Promotion of business
- Spatial Science magazine article
- Gold Coast Bulletin article
- Recognition by Queensland Government as part of Q150 celebration – “150 km boundary survey in 150th year”
- Video to be made for Survey Institute use in promoting surveying and for enticing students to take up surveying as a career ‘adventure’ (Bennett & Bennett to be recognized as producer)
- Recognition that company provides something to the community and the survey industry
- Recognition by Institute of Surveyors
- Training – GPS, old and original mark location and placement
- Company to utilise in aiming for State or Federal Survey awards and recognition within the local and statewide community

To individuals

- Historical survey – boundary gazetted in 1862, last surveyed in 1884
- Great adventure, rare opportunity
- Training – GPS (remote), location of old survey marks, placement of Q150 survey marks
- Be part of video prepared for surveying industry promotion
- Visit remote and rarely accessed part of Australia