FTLRS- Campaigns, upgrade and future

M.Pierron¹, F.Pierron¹, M.Furia¹, JM.Torre¹, P.Bonnefond¹ P.Exertier¹, E.Samain¹ and Laser Staff¹
R.Coleman², C.Watson², P.Tregoning³, J.Zhang³

¹Observatoire de la Côte d’Azur, France
²University of Tasmania, Hobart, Australia, ³ The Australian National University, Canberra

1. Calibration/validation project on Jason1 satellite in Tasmania, a collaboration between University of Tasmania at Hobart and Observatoire de la Côte d’Azur in France

- 5 months (2007/2008) in Burnie for permanent observations on site
- Scientific program decided jointly by both institutes
  - OCA contribution: Technological issue for Ftlrs & engineers
  - Australian contribution: Site installation and missions funding
- Analysis in the results in progress..

Burnie is the only calibration site in the southern hemisphere
Our choice has been to conserve the 2 timing systems very useful for engineering & failure

- Internal timer and Stanford chronometer
- Two Dassault timers (start and stop channels)

First T2L2 results : Ftlrs at Grasse & Ajaccio with MEO at Grasse July 2008 on Jason2 some days after launch