

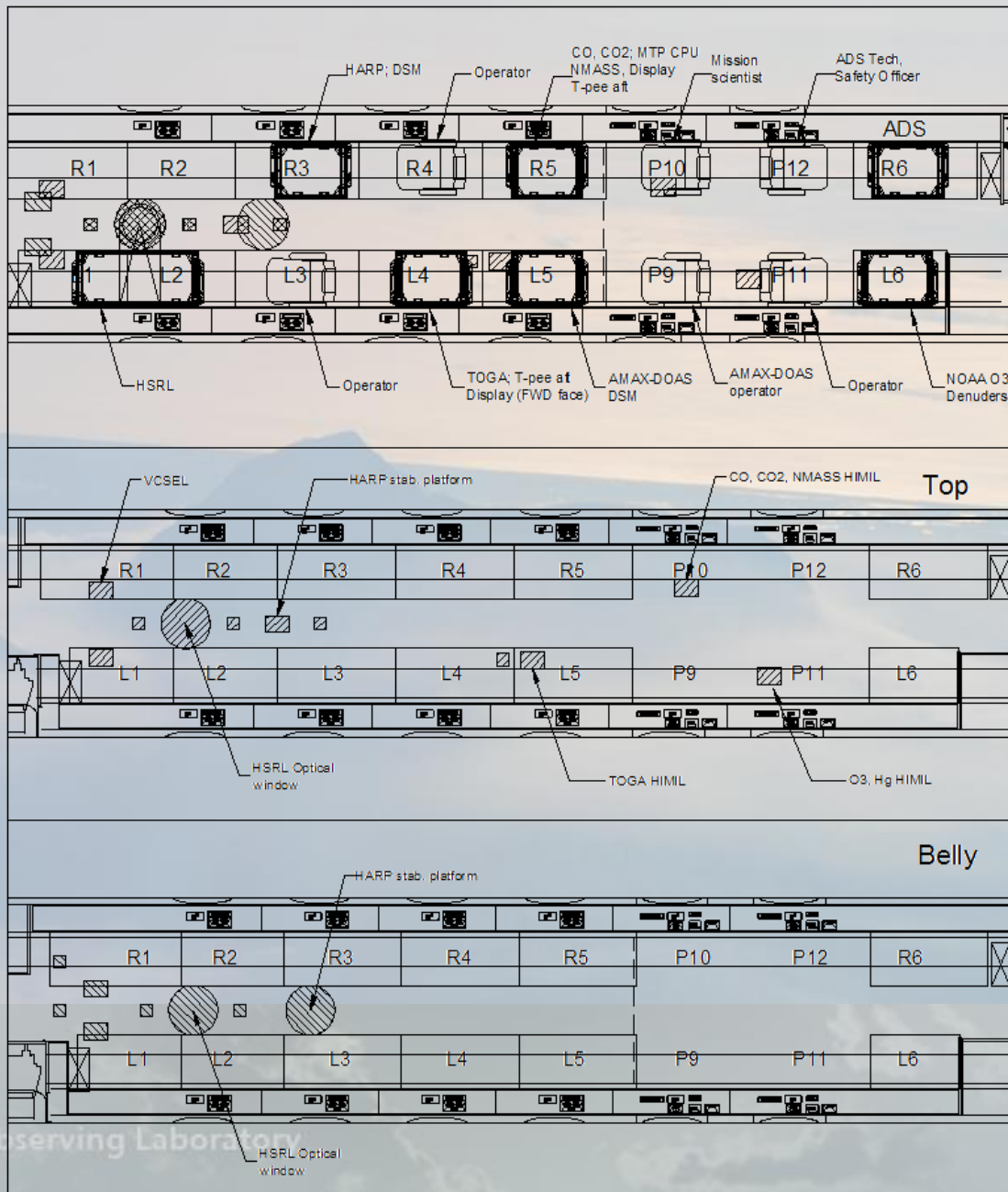
# **TORERO GV operations**

**31 October 2011**

**Project dates: 11 January– 22 February 2012**

# TORERO GV payload

10/06/2011



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## Upload schedule for TORERO, Nov-Dec 2011

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		11/1	11/2	11/3 GV arrives at Jeffco	11/4 Uninstall ICEBRIDGE	11/5
11/6	11/7 RAF starts to install wing stores Offload continues	11/8	11/9 Assemble O3, Denuders rack L6 Assemble CO/CO2 NMASS rack R5	11/10 RAF installs cabin infrastructure	11/11 L4, L5 racks inspected L6 rack inspected	11/12
11/13	11/14 Install O3, Denuders L6 Fuel tank work	11/15 Install AMAX-DOAS, wing pod L5 Fuel tank work	11/16 Install TOGA, L4	11/17	11/18 R5 rack inspected	11/19
11/20	11/21 Install optical ports (flexible)	11/22	11/23	11/24 Thanksgiving	11/25 Thanksgiving	11/26
11/27	11/28 Install CO, CO2, NMASS R5	11/29	11/30	12/1 Install HARP R3	12/2 All racks in place less HSRL Optical ports installed	12/3
12/4	12/5 Install HSRL	12/6	12/7	12/8	12/9 HSRL installed	12/10
12/11	12/12 Continue work on all payload systems	12/13	12/14	12/15	12/16	12/17
12/18	12/19	12/20 Weigh GV Safety briefing	12/21 EMI test FRR	12/22	12/23 Payload ready for flight Inspections all complete	12/24
12/25	12/26 Christmas	12/27	12/28 TF01	12/29	12/30	12/31
1/1 New Year	1/2 New Year	1/3	1/4 TF02	1/5	1/6 TF03	1/7
1/8 Hard down	1/9	1/10	1/11 Ferry to Chile FF01	1/12 FF02	1/13 Unpack, prepare for ops	1/14

## Deployment schedule for TORERO, Jan-Feb 2012

Sunday	Monday	Tues day	Wednes day	Thursday	Friday	Saturday
1/1 New Year	1/2 New Year	1/3	1/4 TF02	1/5	1/6 TF03	1/7
1/8 Hard down	1/9	1/10	1/11 Ferry to Chile FF01	1/12 FF02	1/13 Unpack, prepare for ops	1/14
1/15 Hard down	1/16 RF01	1/17 Maintenance	1/18 Maintenance	1/19 RF02	1/20 Maintenance	1/21 RF03
1/22 Hard down	1/23 Maintenance	1/24 RF04 to Costa Rica	1/25 Maintenance	1/26 Maintenance	1/27 RF05	1/28 Maintenance
1/29 Hard down	1/30 RF06	1/31 Maintenance	2/1 RF07	2/2 Maintenance	2/3 RF08	2/4 Hard down
2/5 Maintenance	2/6 RF09	2/7 Maintenance	2/8 RF10	2/9 Maintenance	2/10 Maintenance	2/11 Hard down
2/12 RF11	2/13 Maintenance	2/14 RF12	2/15 Maintenance	2/16 Maintenance	2/17 RF13	2/18 Hard down
2/19 Maintenance	2/20 RF14	2/21 Packing Shipping	2/22 FF03 Jeffco	2/23	2/24	2/25
2/26	2/27	2/28	2/29			

# Flight Tracks

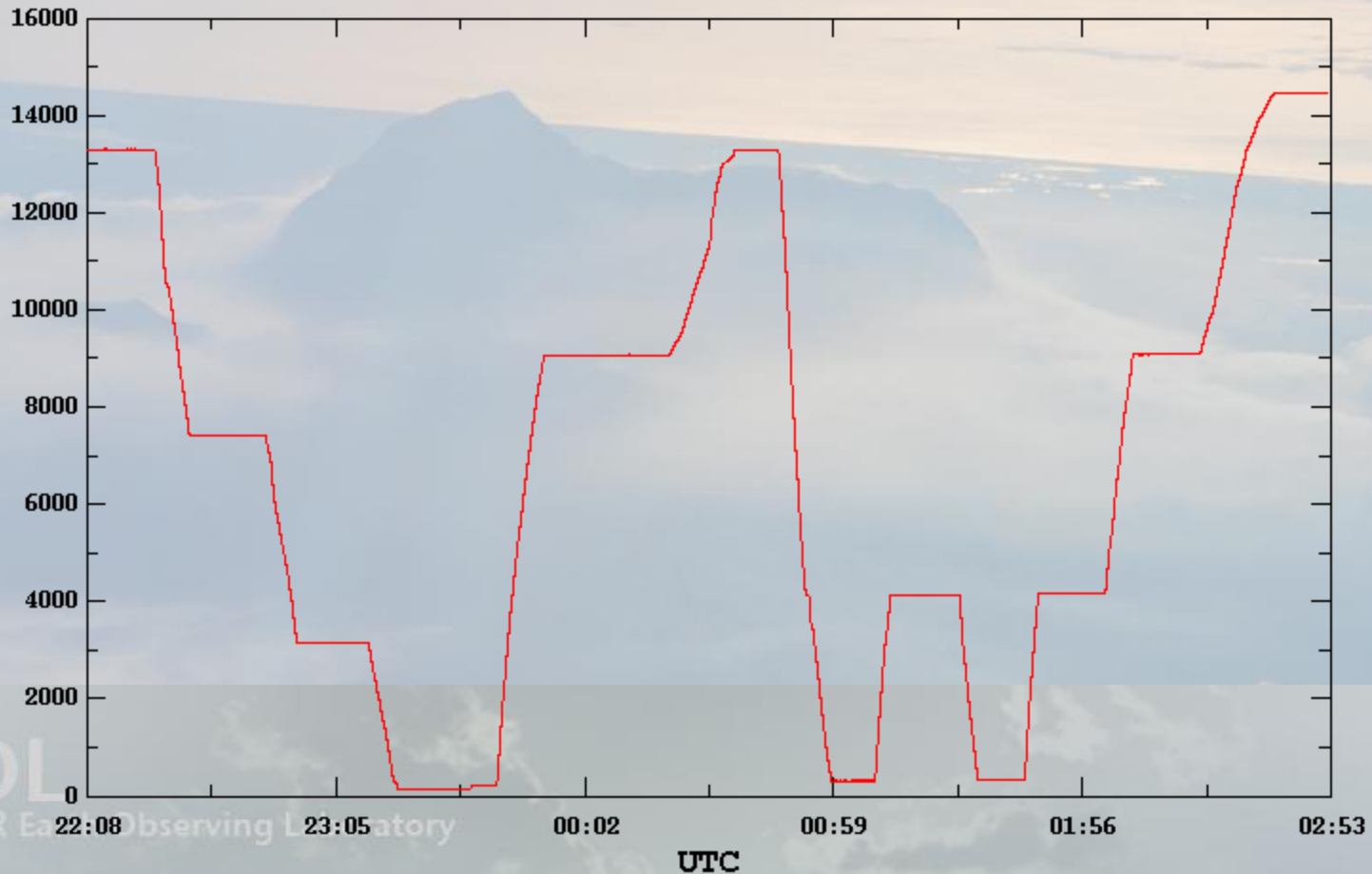


**TORERO**  
proposed flight plans  
Jan-Feb 2012



# Flight Operations

- **To update ATC, RAF will need more information on vertical profiles likely to be used on specific flights**



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# Personnel Considerations

**Support issues for each team to consider:**

- **People flying commercial to Chile**
- **People flying from Chile to Costa Rica**
- **People flying directly to Costa Rica**
- **People flying on the GV**
- **No visa is needed for Chile or Costa Rica; there is a \$145 entry fee in Chile**

# Shipping

- **Sea containers will depart Jeffco on November 28 or December 5**
- **No RAF shipment to Chile**
- **User's air freight costs not covered by EOL**
- **Very limited space in the back of the GV for Chile**
- **Site survey reports will be presented later during the Logistics session**





**Questions and Comments?**