

**Supporting Information for
“Dynamics of the flares in the active polar region of Jupiter”**

B. Bonfond¹, D. Grodent¹, S. V. Badman², J.-C. Gérard¹, and A. Radioti¹

¹Space sciences, Technologies and Astrophysics Research (STAR) Institute, LPAP, Université de Liège, Liège, Belgium.

²Lancaster University, United Kingdom.

Additional Supporting Information (Files uploaded separately)

1. Captions for Movies S1 to S8

Movie S1.

Movie of the polar polar projections of the first imaging timetag sequence acquired on 3 January 2014 (rootname: oc1z03y3q).

Movie S2.

Movie of the polar polar projections of the second imaging timetag sequence acquired on 3 January 2014 (rootname: oc1z03y3q).

Movie S3.

Movie of the polar polar projections of the first imaging timetag sequence acquired on 5 January 2014 (rootname: oc1z05haq).

Movie S4.

Movie of the polar polar projections of the second imaging timetag sequence acquired on 5 January 2014 (rootname: oc1z05hgq).

Movie S5.

Movie of the polar polar projections of the first imaging timetag sequence acquired on 9 March 2013 (rootname: oc0v05r9q).

Corresponding author: Bertrand Bonfond, b.bonfond@ulg.ac.be

Movie S6.

Movie of the polar polar projections of the second imaging timetag sequence acquired on 9 March 2013 (rootname: oc0va5rmq).

Movie S7.

Movie of the polar polar projections of the third imaging timetag sequence acquired on 9 March 2013 (rootname: oc0vb5ruq).

Movie S8.

Movie of the polar polar projections of the second imaging timetag sequence acquired on 21 February 2013 (rootname: oc0va3jiq).