

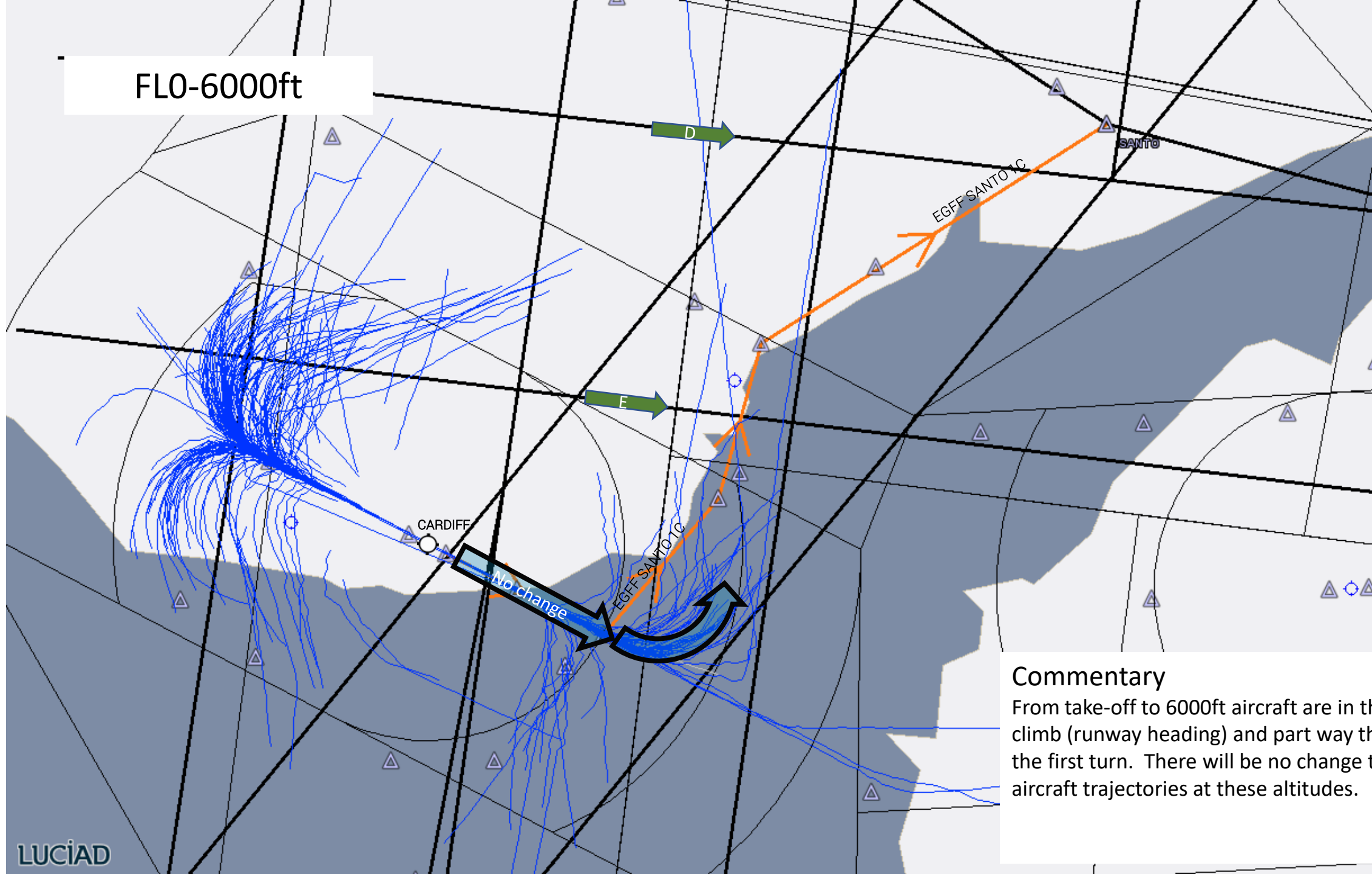
EGFF – LD1.1 interface

Flight trajectory profiles

This presentation shows the trajectories of departures from Cardiff Airport (EGFF) by slices of altitude. Allows the reader to see where aircraft are usually located at various altitudes during the initial climb phase of flight. This illustrates that there will be no change to the trajectories of flights below FL70/7000ft. This is of particular relevance to the proposed truncation of the ALVIN SIDs to SANTO.

Data: 1 week sample from August 2019, Cardiff departures trajectories are blue.

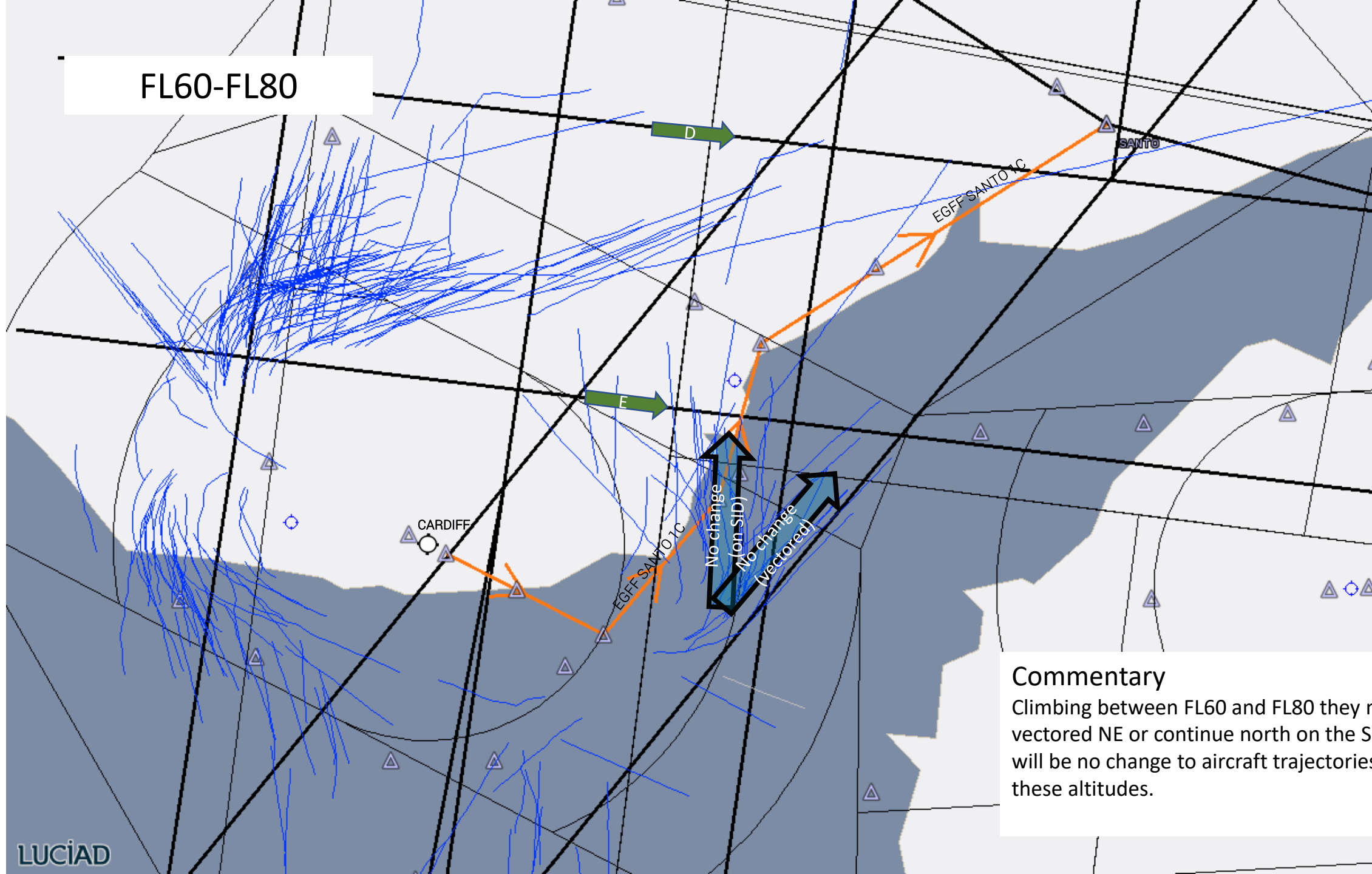
FLO-6000ft



Commentary

From take-off to 6000ft aircraft are in the initial climb (runway heading) and part way through the first turn. There will be no change to aircraft trajectories at these altitudes.

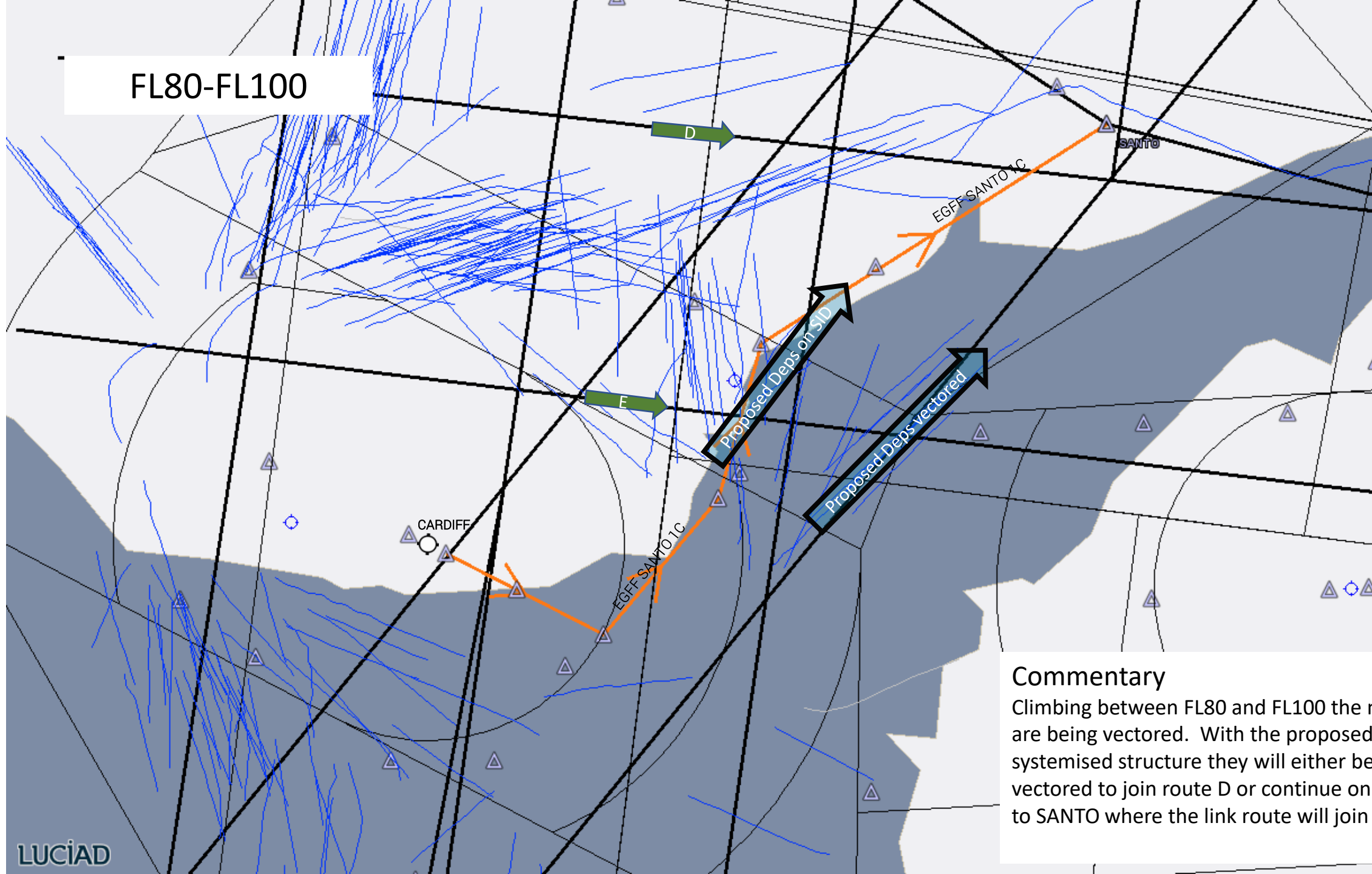
FL60-FL80



Commentary

Climbing between FL60 and FL80 they may be vectored NE or continue north on the SID. There will be no change to aircraft trajectories at these altitudes.

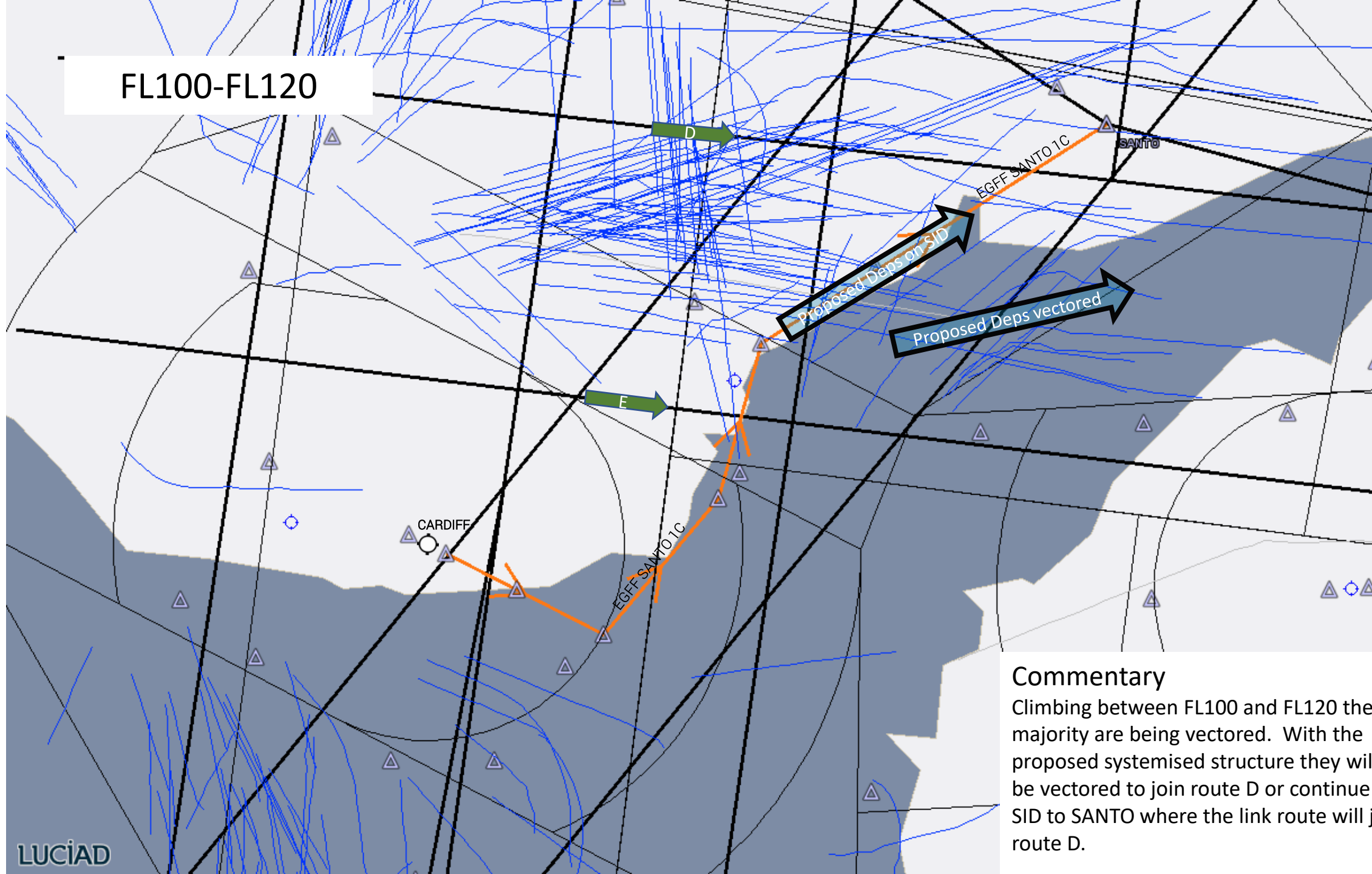
FL80-FL100



Commentary

Climbing between FL80 and FL100 the majority are being vectored. With the proposed systemised structure they will either be vectored to join route D or continue on the SID to SANTO where the link route will join route D.

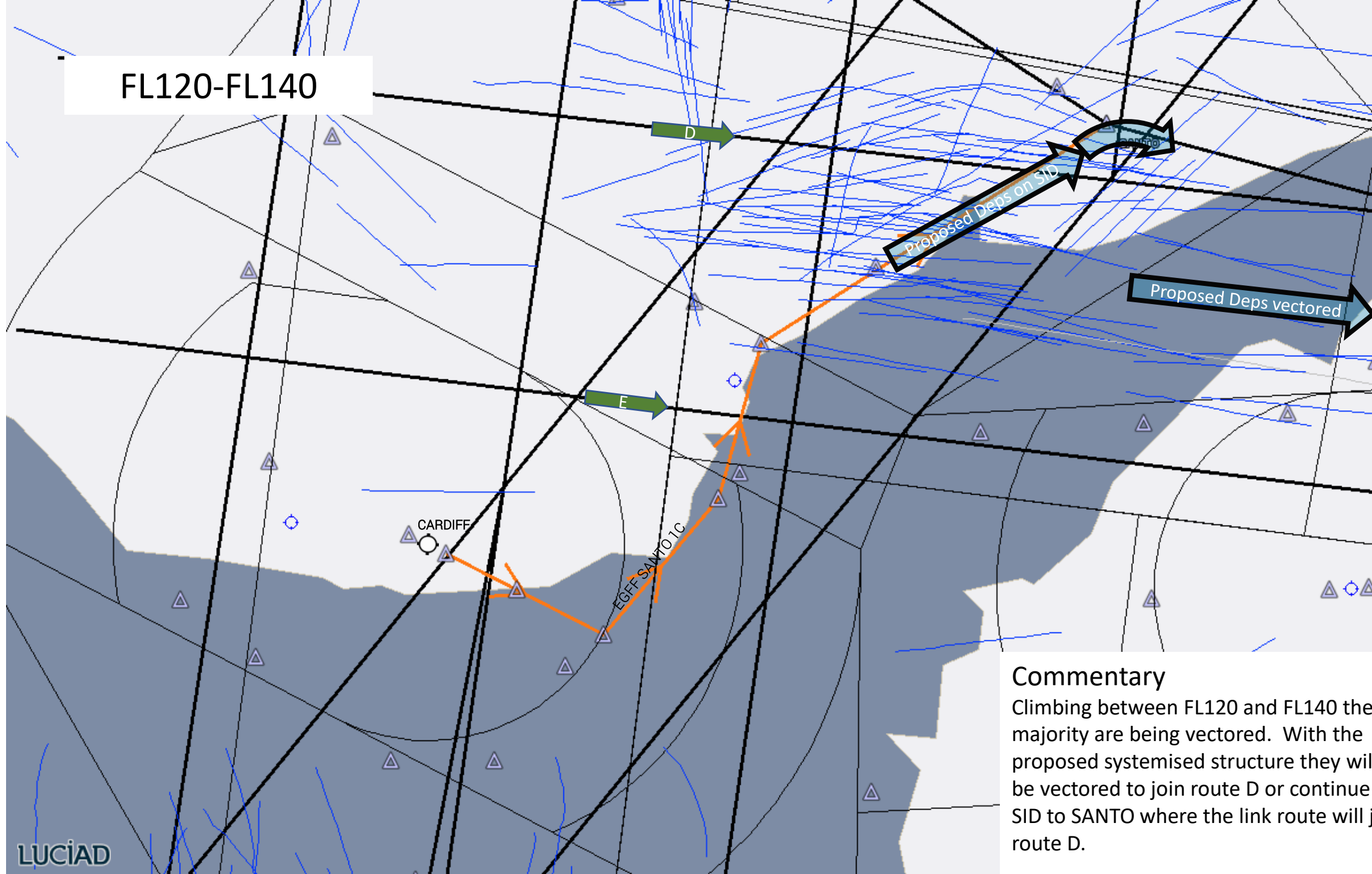
FL100-FL120



Commentary

Climbing between FL100 and FL120 the majority are being vectored. With the proposed systemised structure they will either be vectored to join route D or continue on the SID to SANTO where the link route will join route D.

FL120-FL140



Commentary

Climbing between FL120 and FL140 the majority are being vectored. With the proposed systemised structure they will either be vectored to join route D or continue on the SID to SANTO where the link route will join route D.

FL140-FL160

