

DRAFT

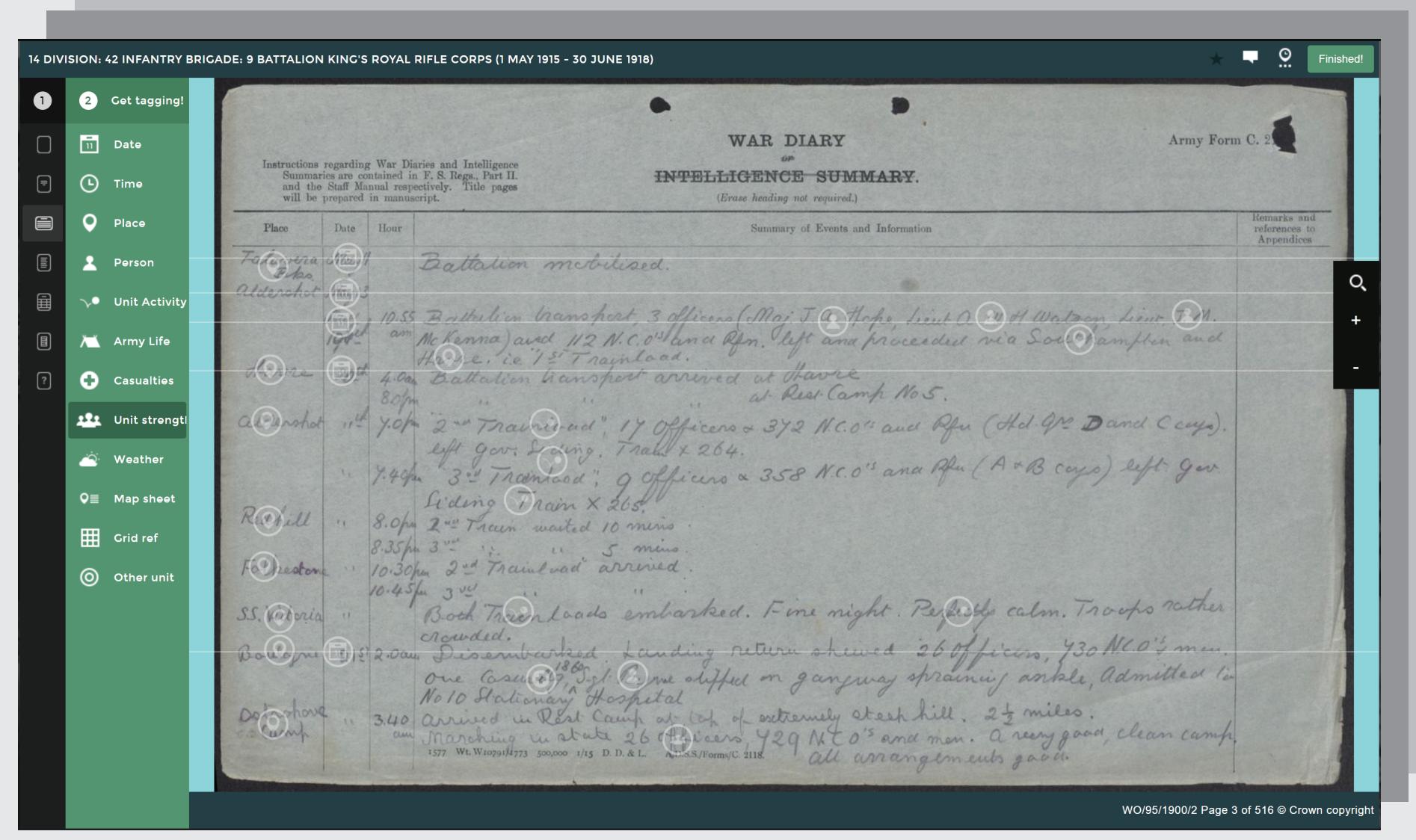
Conveying Uncertainty in Archived War Diaries with GeoBlobs

Johannes Liem, Eirini Goudarouli, Steven Hirschorn, Jo Wood, Charles Perin

Operation War Diary Data

sources of uncertainty >>

lost pages,
misspellings,
unreadable

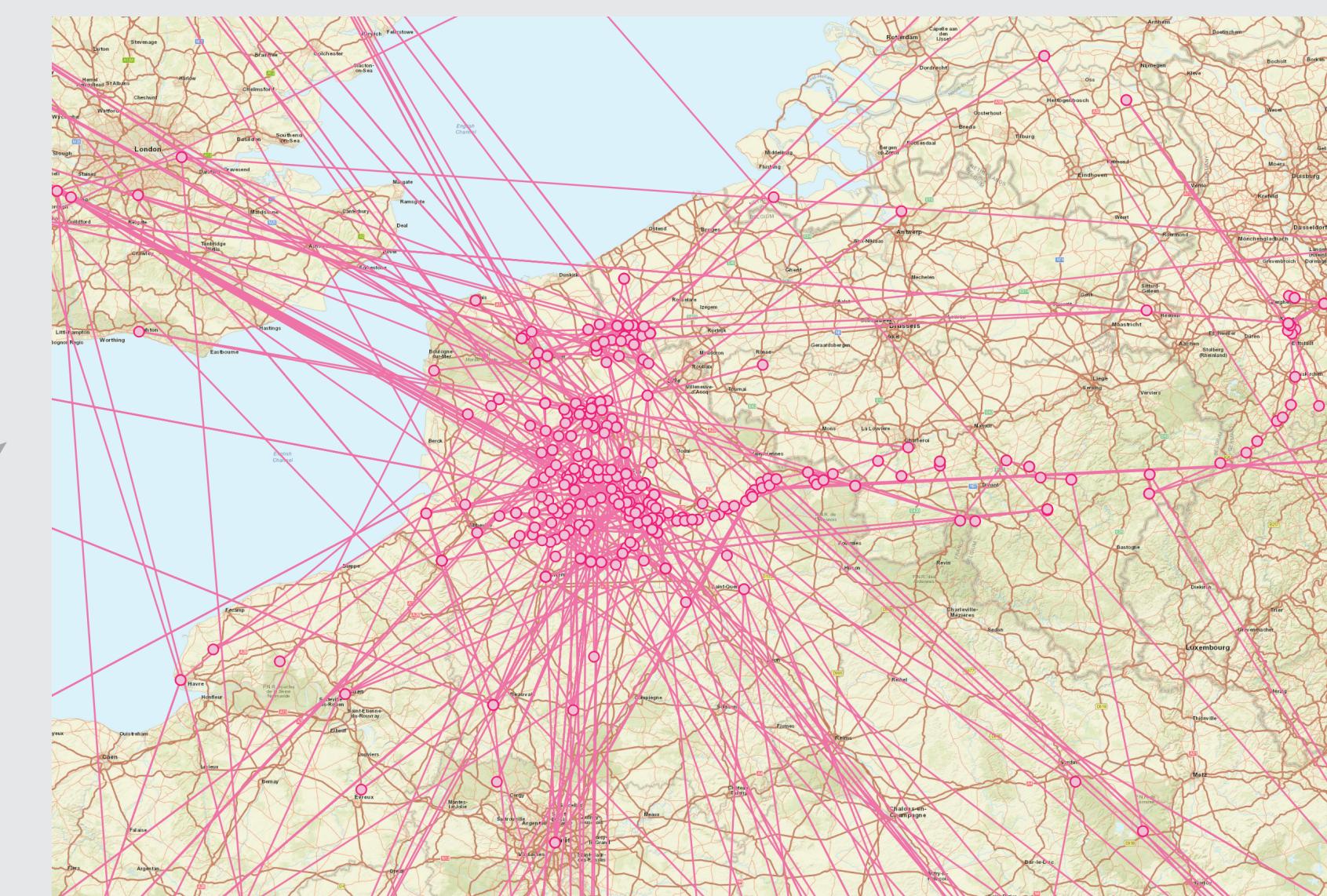
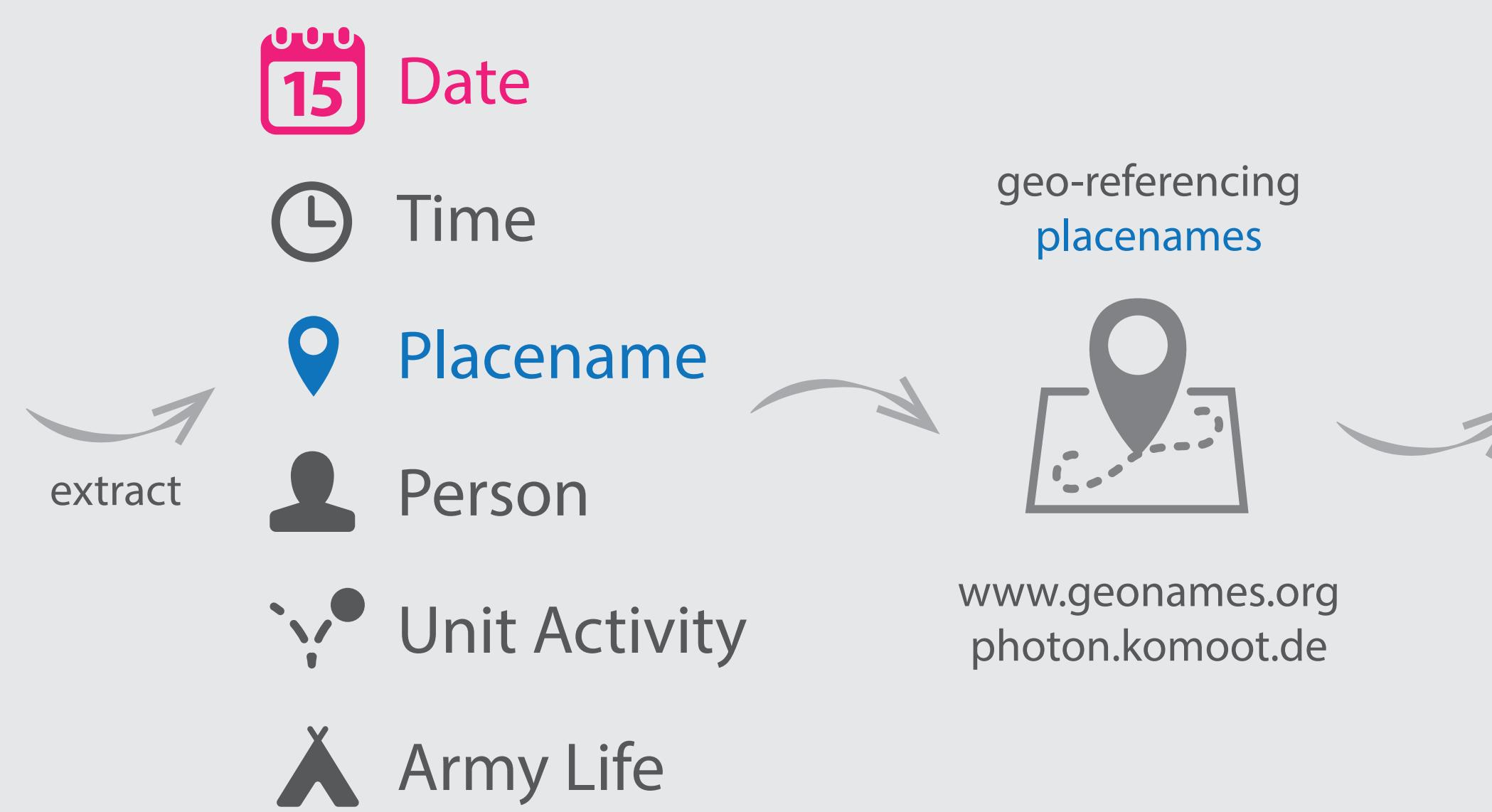


crowdsourcing platform: www.operationwardiary.org

reliability of transcribers,
typos

ambiguous
placenames

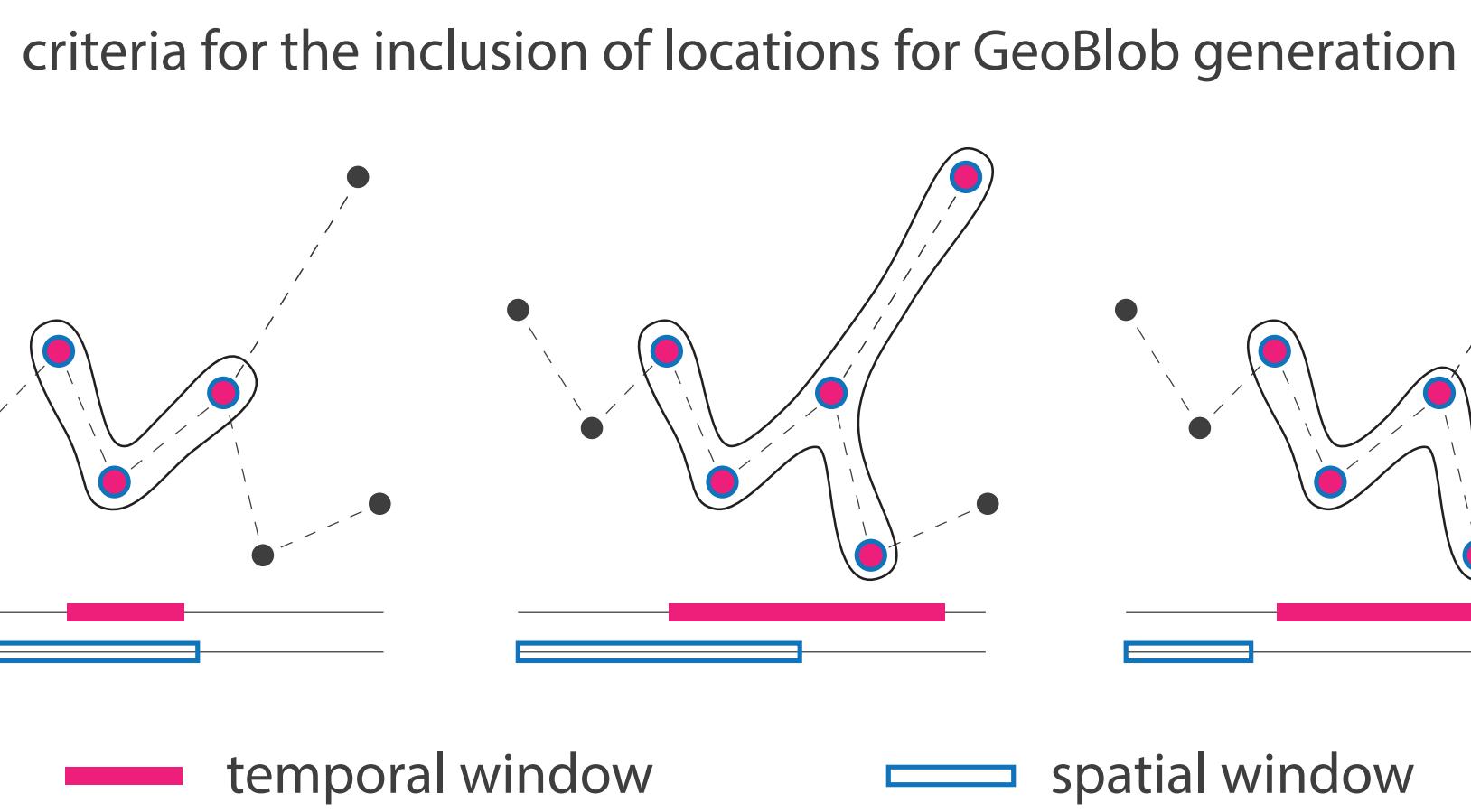
literal spatio-temporal mapping of locations



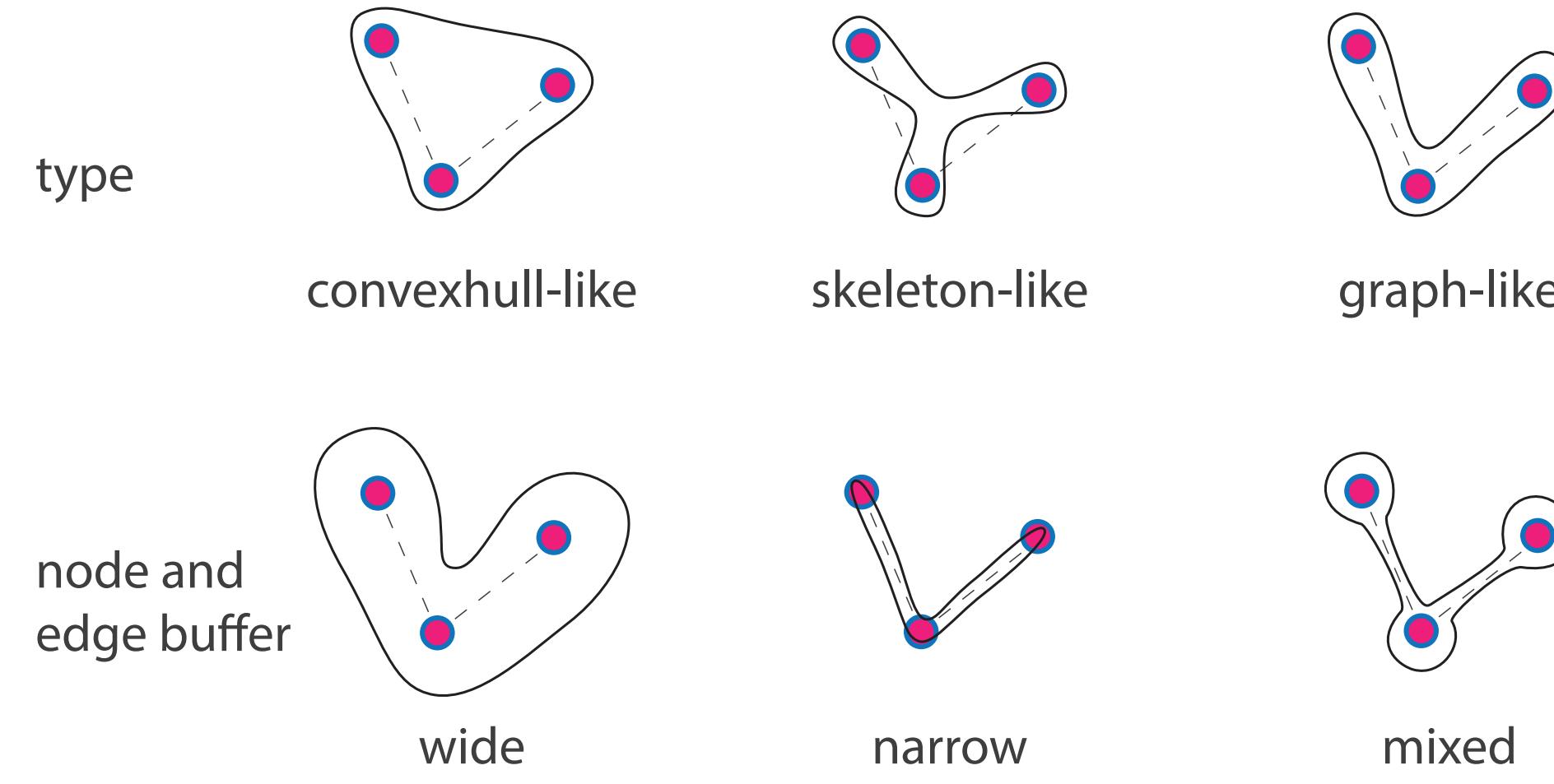
alternative?

GeoBlob Design Variations

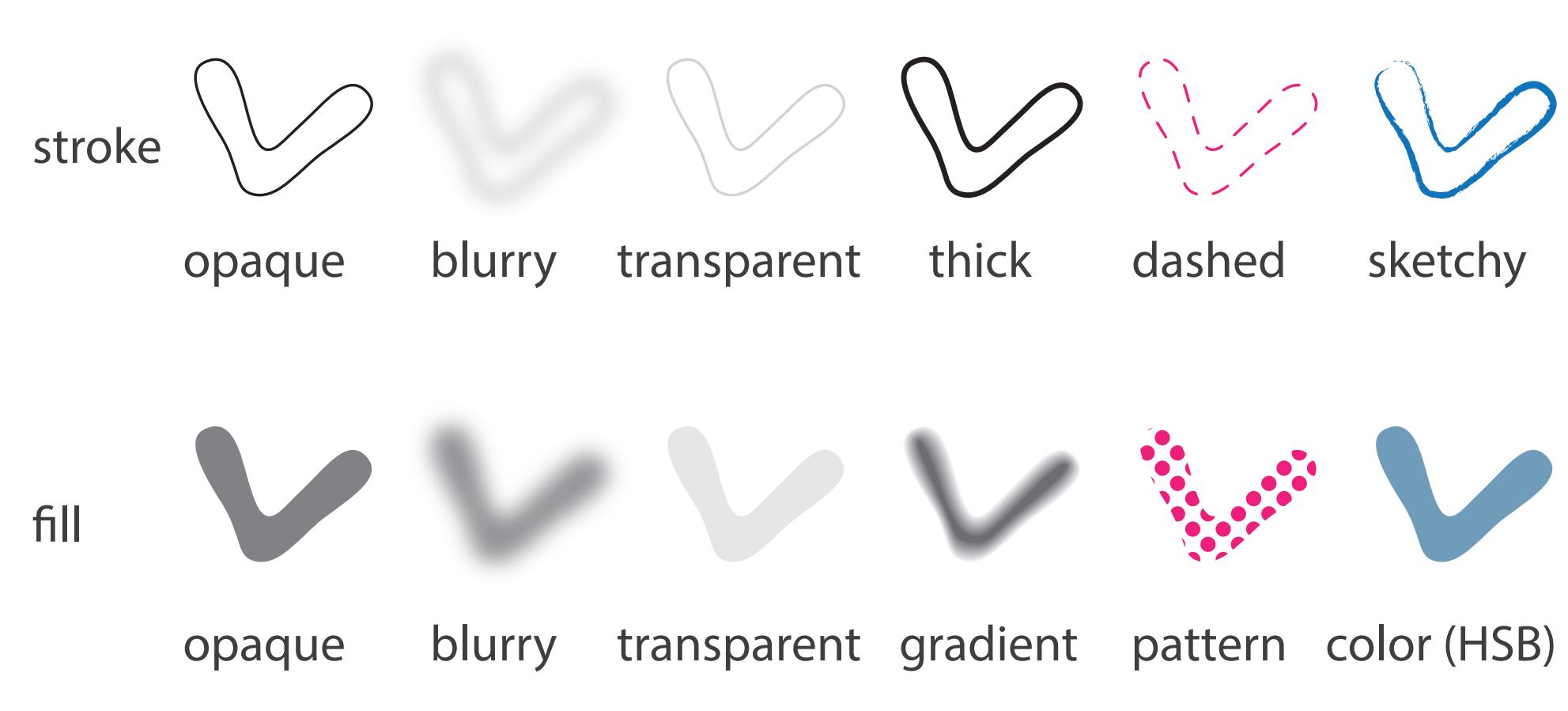
Temporal and Spatial Window



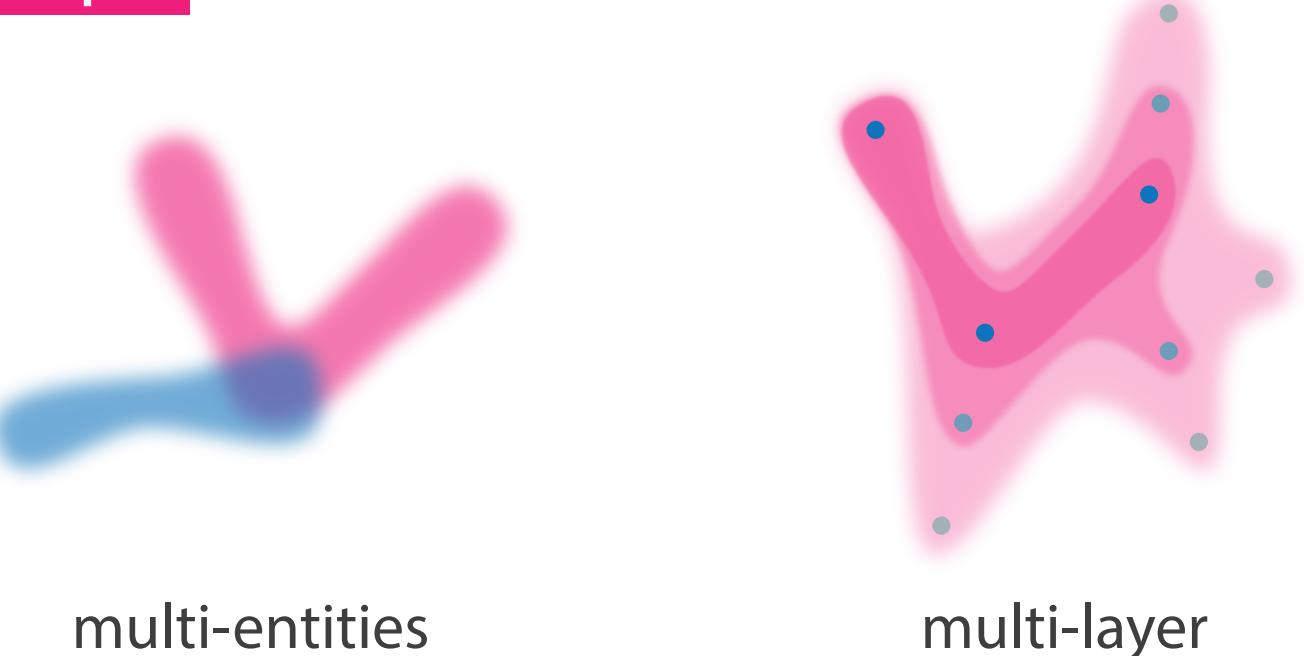
Shape Parameters



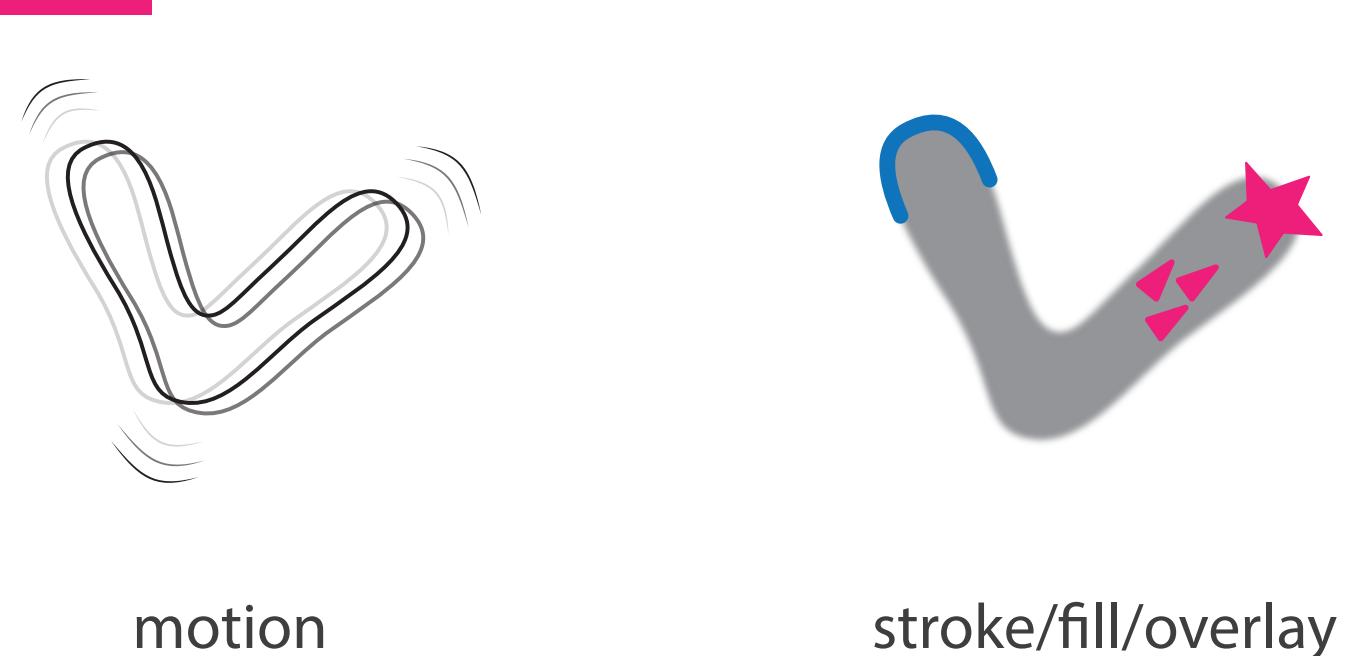
Style Parameters



Multiple Shapes



Contextualization



Pros & Cons

- + leverage uncertainty
- + provides "organic" view
- + suffer less from scalability issues
- interpretability issues of covered area

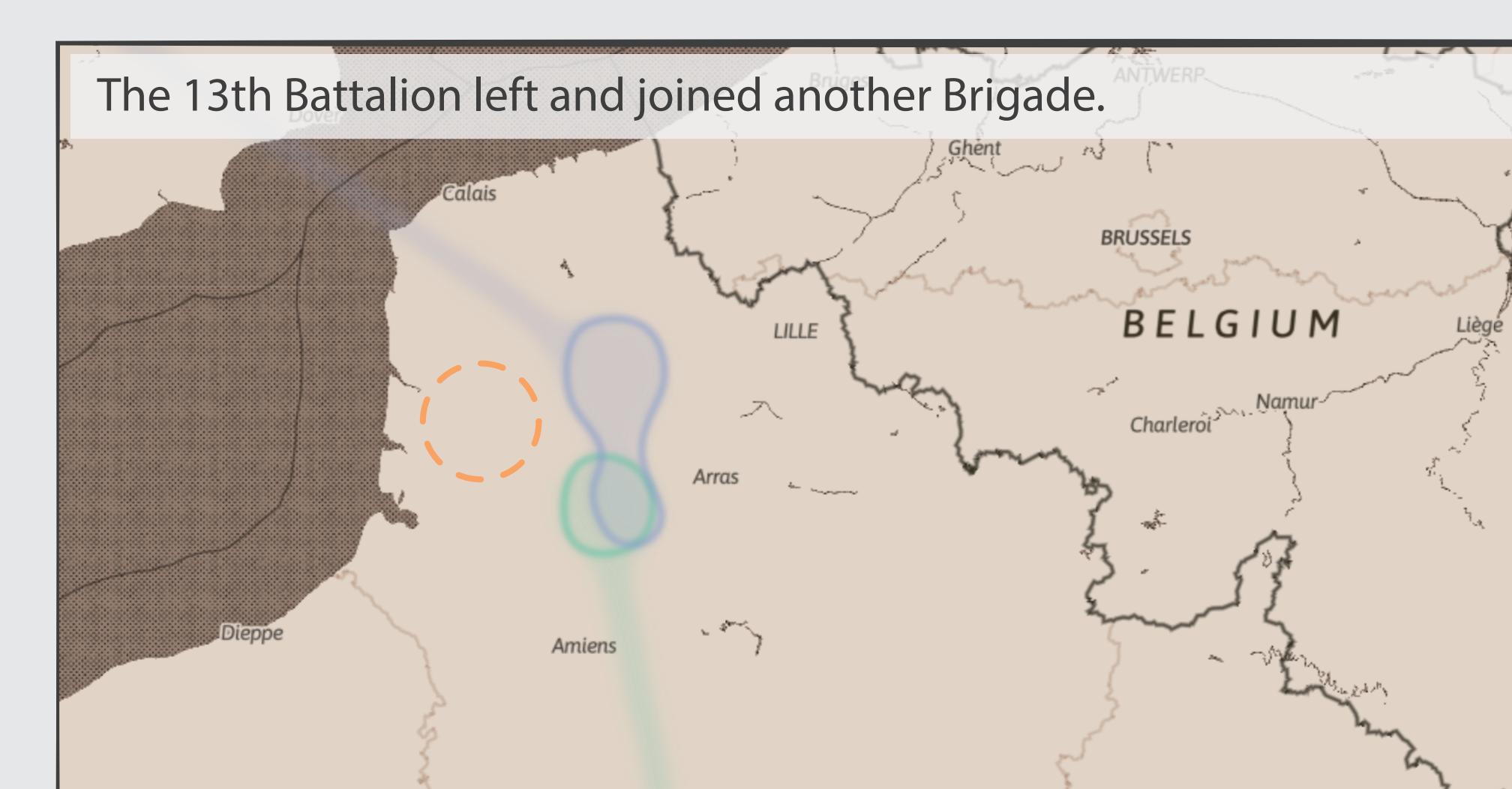
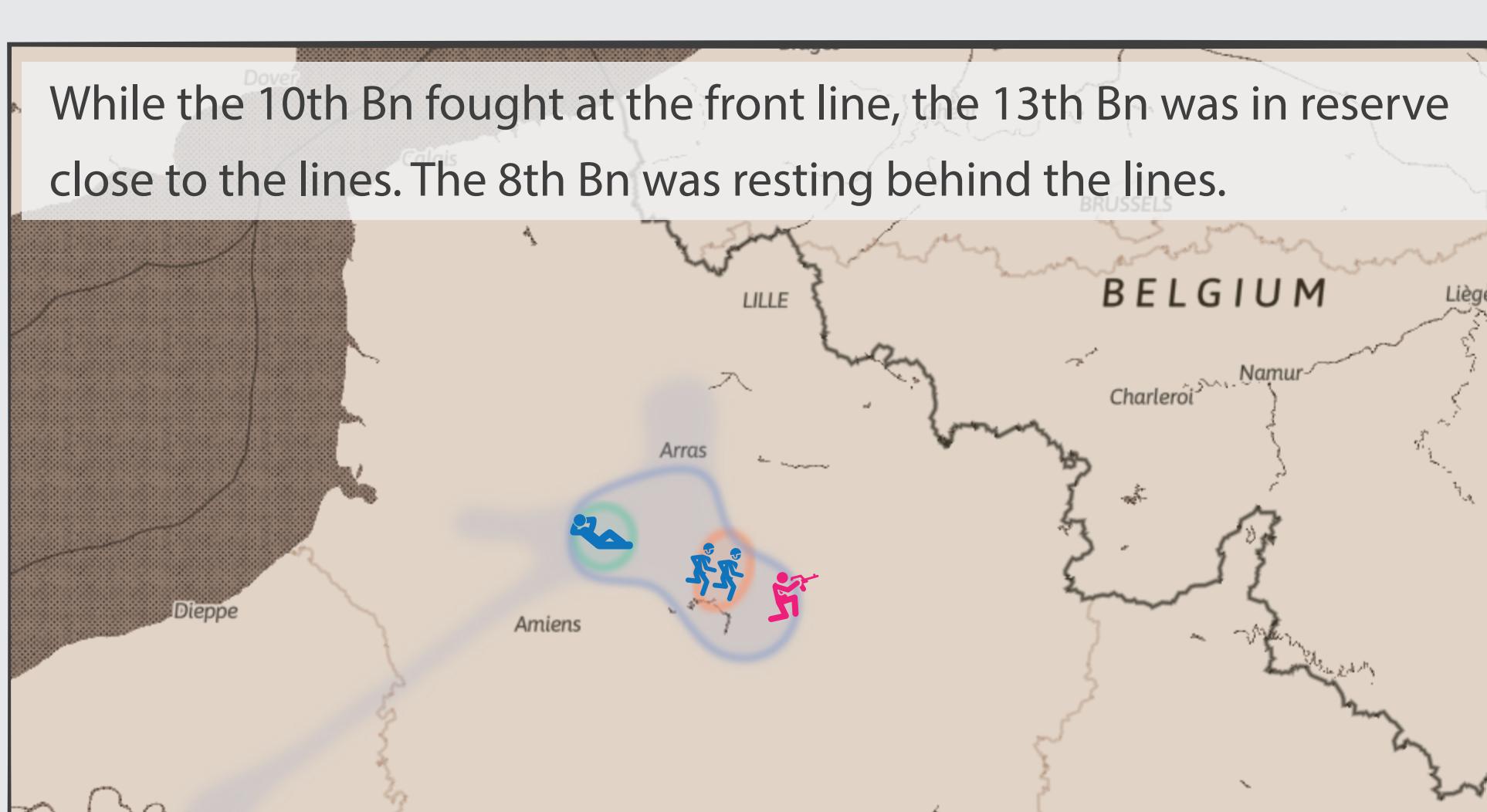
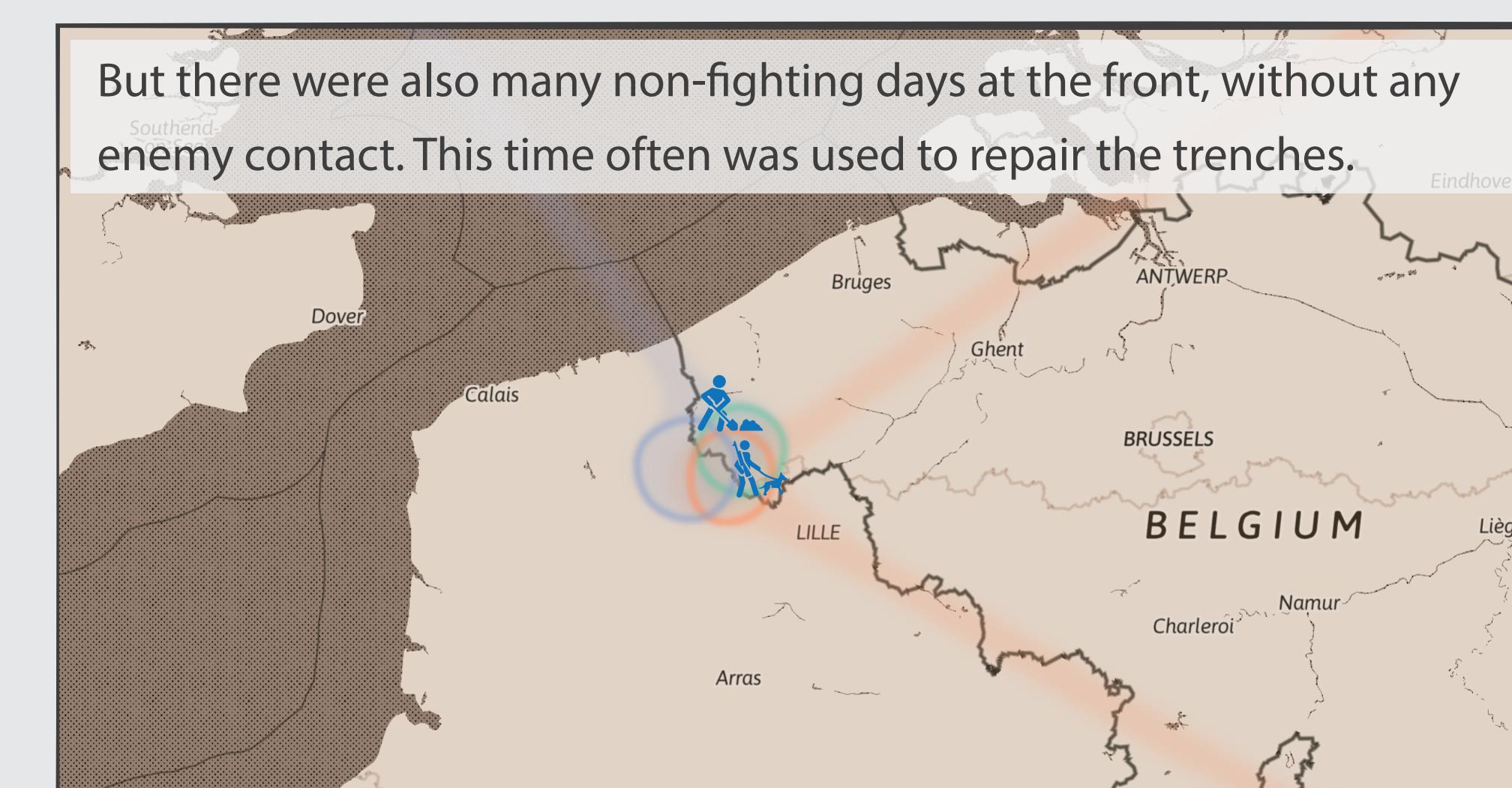
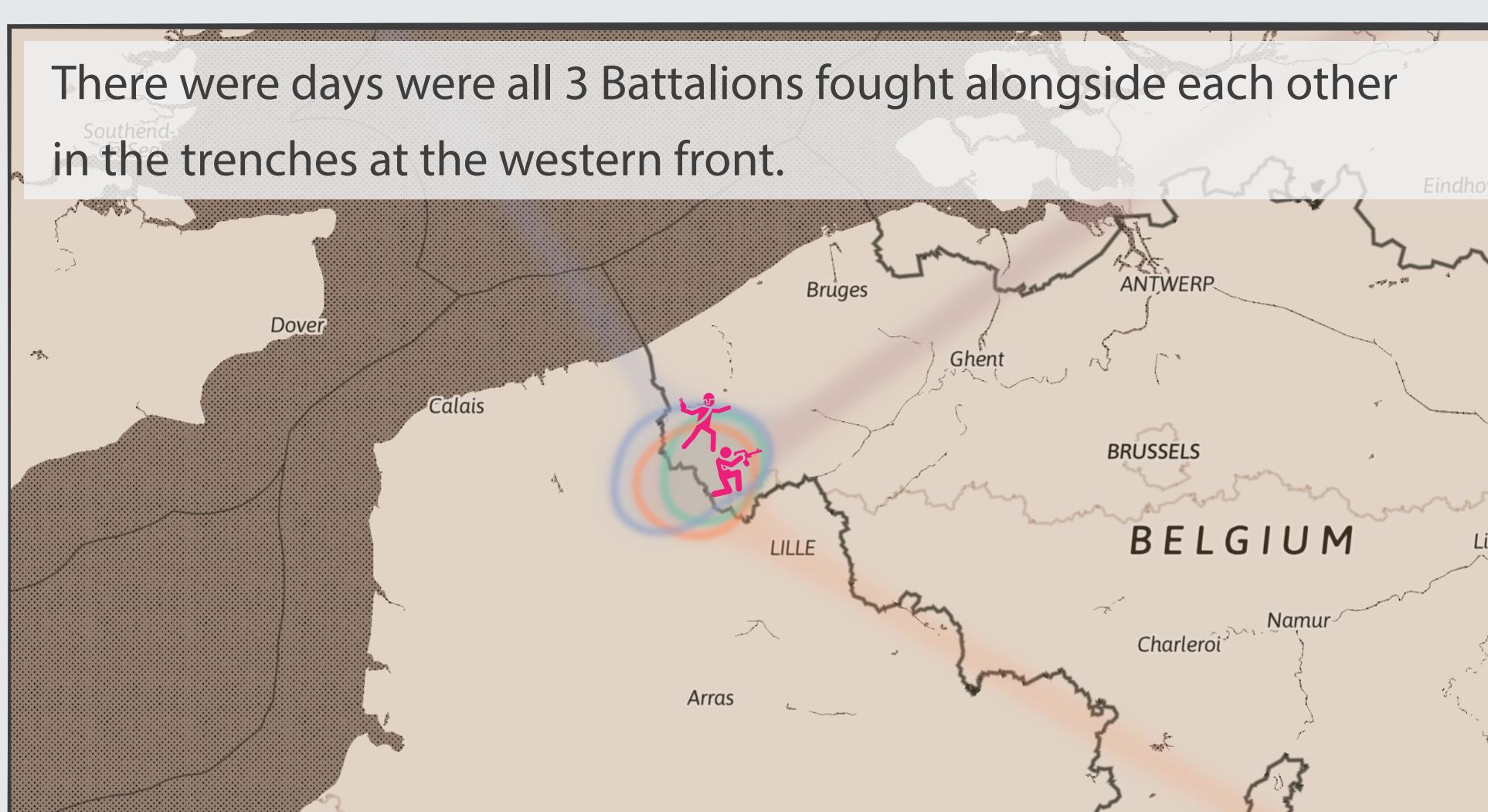
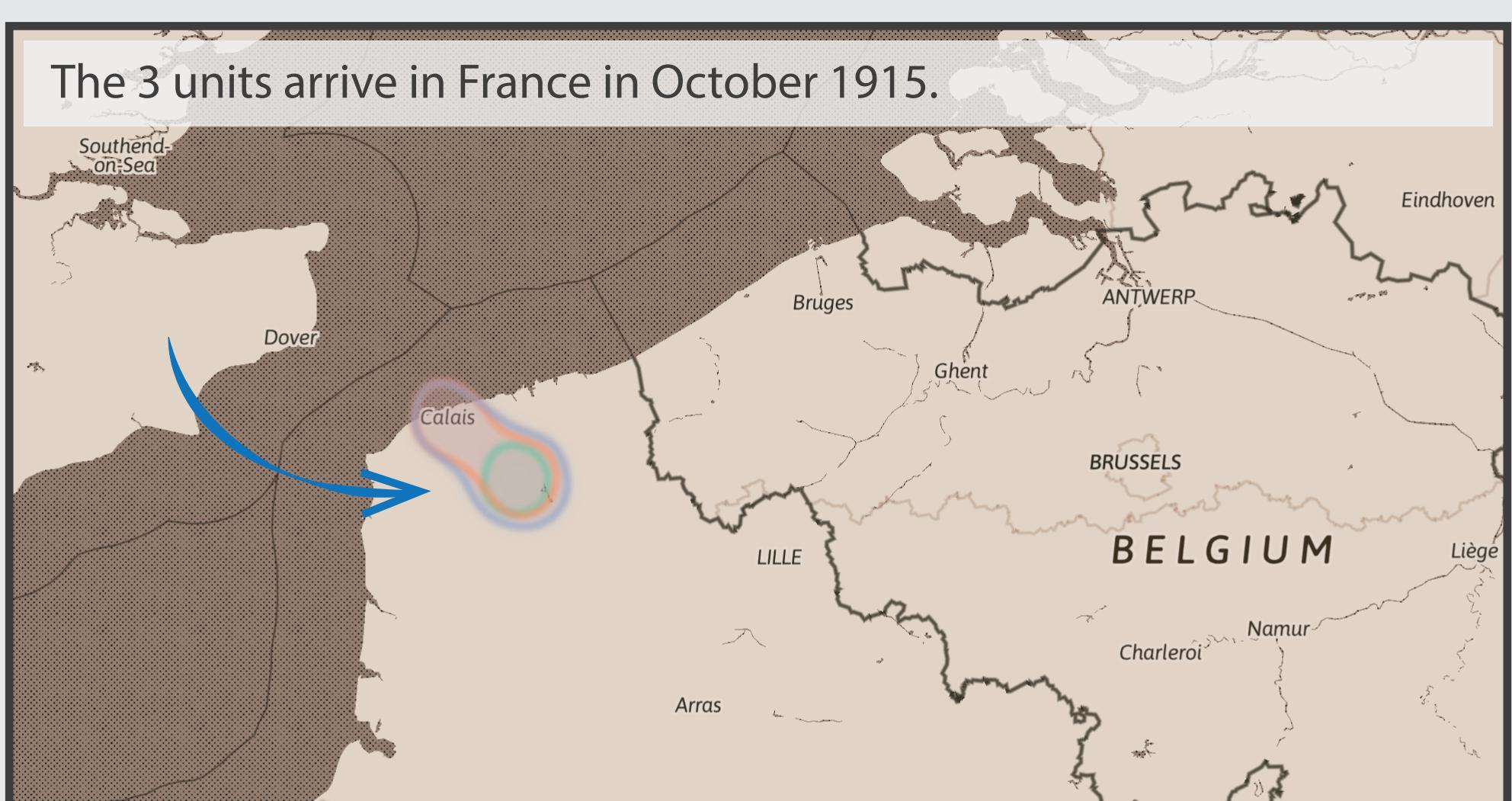
Day-to-Day Life of 3 Battalions of the 3rd Division during WWI.

The 3rd Division was one of the first British formations to move to France and one of the first into action, remained on the Western Front throughout the war. Aside the days **fighting** in the trenches

action, remained on the Western Front throughout the war. Aside the days **fighting** in the trenches

the soldiers spent a large amount of time behind the lines engaging in many **non-fighting** activities.

- 8th Bn, King's Own Royal Lancaster Regiment
- 10th Bn, Royal Welsh Fusiliers
- 13th Bn, King's Liverpool Regiment



Parts of the 3rd Division were selected to advance into Germany and form part of the Occupation Force after the war in early 1919.



The poster will be on display at IEEE VIS in Berlin in October 2018.

Any feedback or suggestions for improvement welcome!

johannes.liem@city.ac.uk