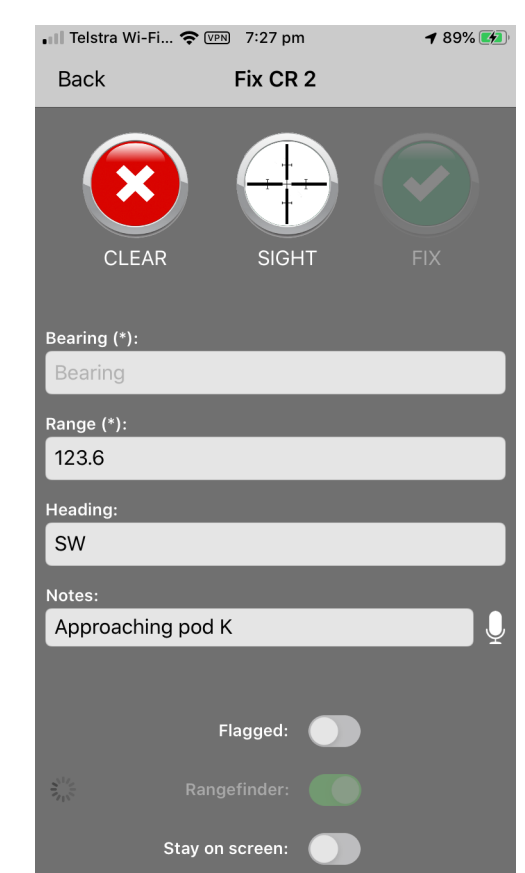## FEATURES

- Compact format for field work – look, no laptop!
- Developed by researchers for researchers
- Proven over several years in humpback study
- Configure ethogram, roles, modifiers, species, data items (per behavior class), control variables, environment parameters etc, prior to use
- Record precise tracks, where behaviors occurred and environmental parameters
- Latitude/longitude calculated on the fly from GPS, compass bearing, range and local magnetic declination
- Auto timestamp with observer position, water temperature and depth; these variables can also be recorded automatically twice a minute
- All observations tagged with name of observer
- Concurrent focal, scan, behavior and ad-lib sampling as per Martin and Bateson's classic
- Record multiple roles and modifiers for a behaviour
- Behaviors can be events or states
- View map of tracks and behaviors as you go and tap on an event to see its data including speed and course
- Record notes any time – voice/vocalization, dictation or manual entry
- Each behavior can have a sample video, image or sound clip
- Place photos onto maps in bulk even without GPS metadata
- Review and correct data any time; strong data validation on entry
- Onboard database with cloud or laptop backup for data security
- Effortless transfer of any amount of data to ArcGIS, QGIS in structured form; click on a fix to display associated data including speed, course, water temperature, depth and notes
- Export observations to spreadsheet and KML (Google Earth)
- Facility to merge onboard data from team members at the same or different locations
- Companion citizen science version also available for team work; studies are lockable to prevent changes to configuration
- Operates without Internet
- Supports a wide range of studies of many different marine and terrestrial species
- Fully supported and used by the development team
- Complete beta version for iPhone available at behayve.com as from start of conference: we want your suggestions!
- App Store version coming soon: register interest here or at behayve.com

Behayve

SMARTPHONE APP RECORDS AND MAPS ANIMAL TRACKS, BEHAVIORS AND ENVIRONMENT

* Configurable
* Concurrent focal, scan and ad-lib sampling
* Multiple roles, modifiers, mutual exclusions
* GIS integration
* Wireless links to instruments and rangefinder
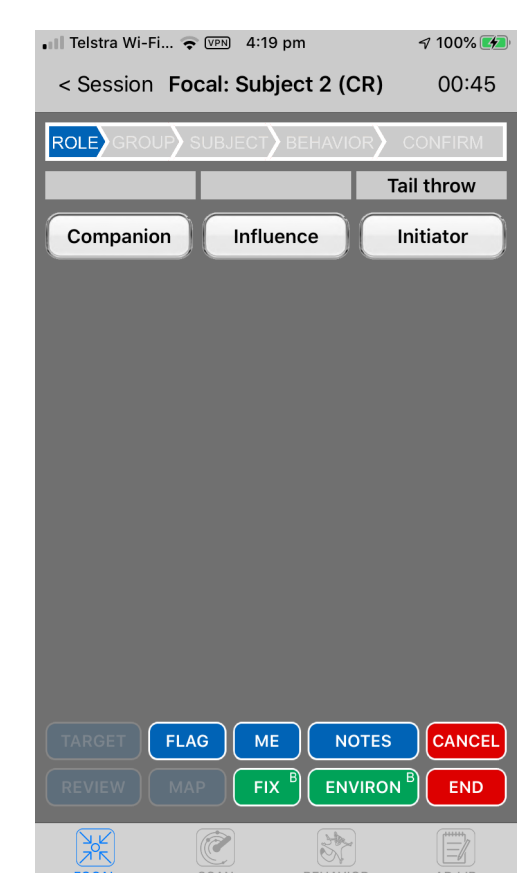* Convenience of size
* Simple and intuitive to use

Auto transfer to GIS; click on an observation to pop up associated data; optionally show observer track
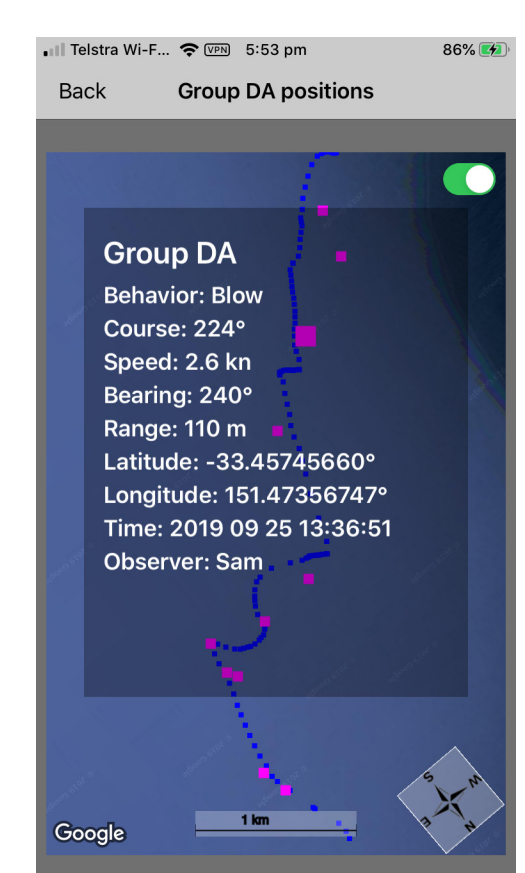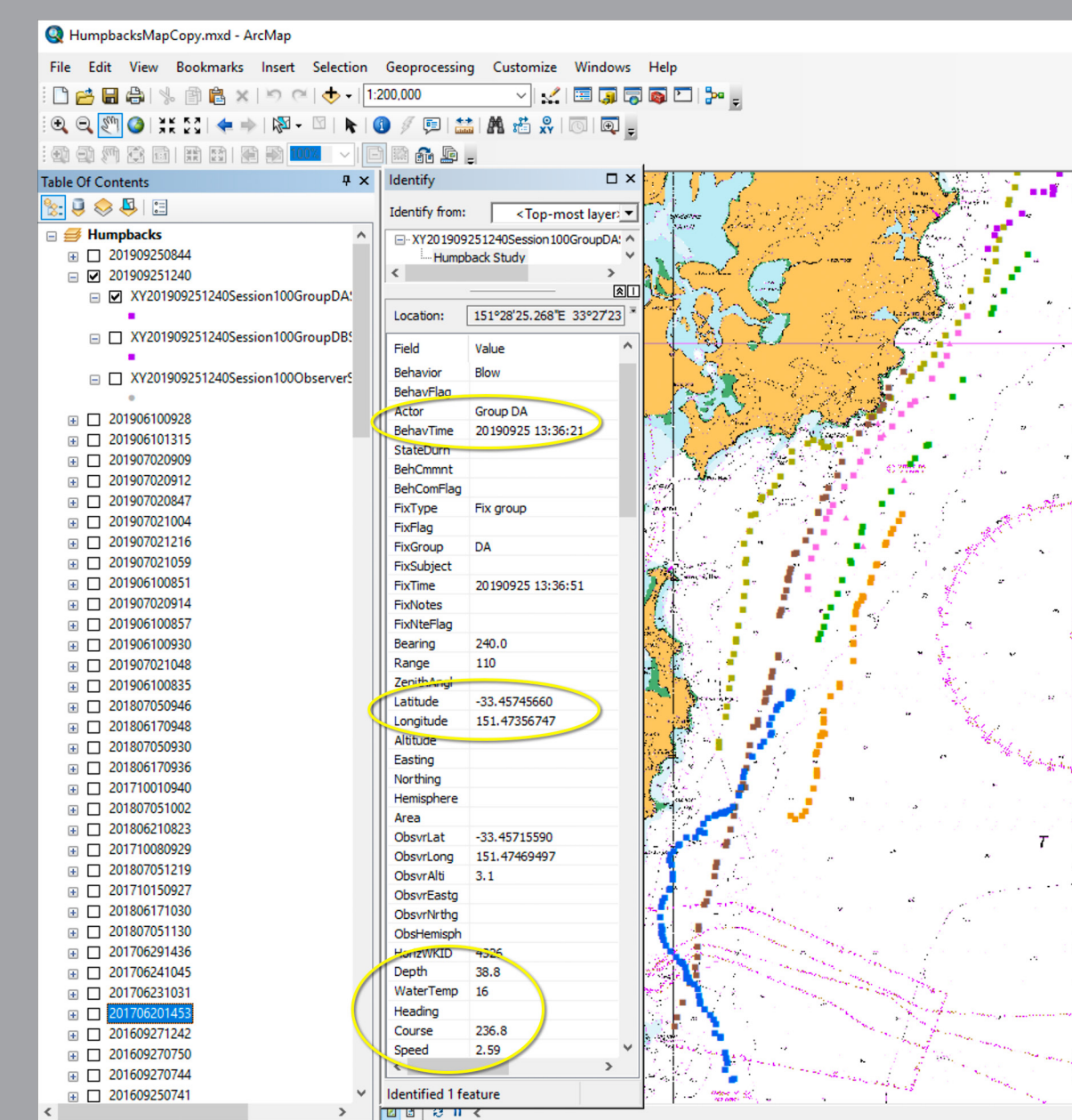
Wireless auto range

Auto bearing

Select behavior

Select role

Review and amend

View tracks and behaviors in real time; tap pink fixes for data; observer track in blue

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