CORMAC

RadarClass

U6163 Tideford Road, Landrake
October 2025

10/11/2025

Cormac | Infrastructure Design

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Cormac's Framework 2023 - 2032 supported by
MOTT MACDONALD & wsp

Issue & Revision Record

Revision	Date	Originator	Checked	Authorised	Purpose of Issue	Nature of Change
1.0	10/11/2025	DIA	LW	MC	First Issue	

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CORMAC

RadarClass

U6163 Tideford Road, Landrake
October 2025
South-westbound / North-eastbound

Route №	Column №	Neighbourhood Service Area	RadarClass Unit ID	Ordnance Survey Grid Reference
U6163	Post	East	Unit 7	237253 / 060455

Date of Deployment	End of Operation	Total Period of Operation
30/10/2025	06/11/2025	8 days

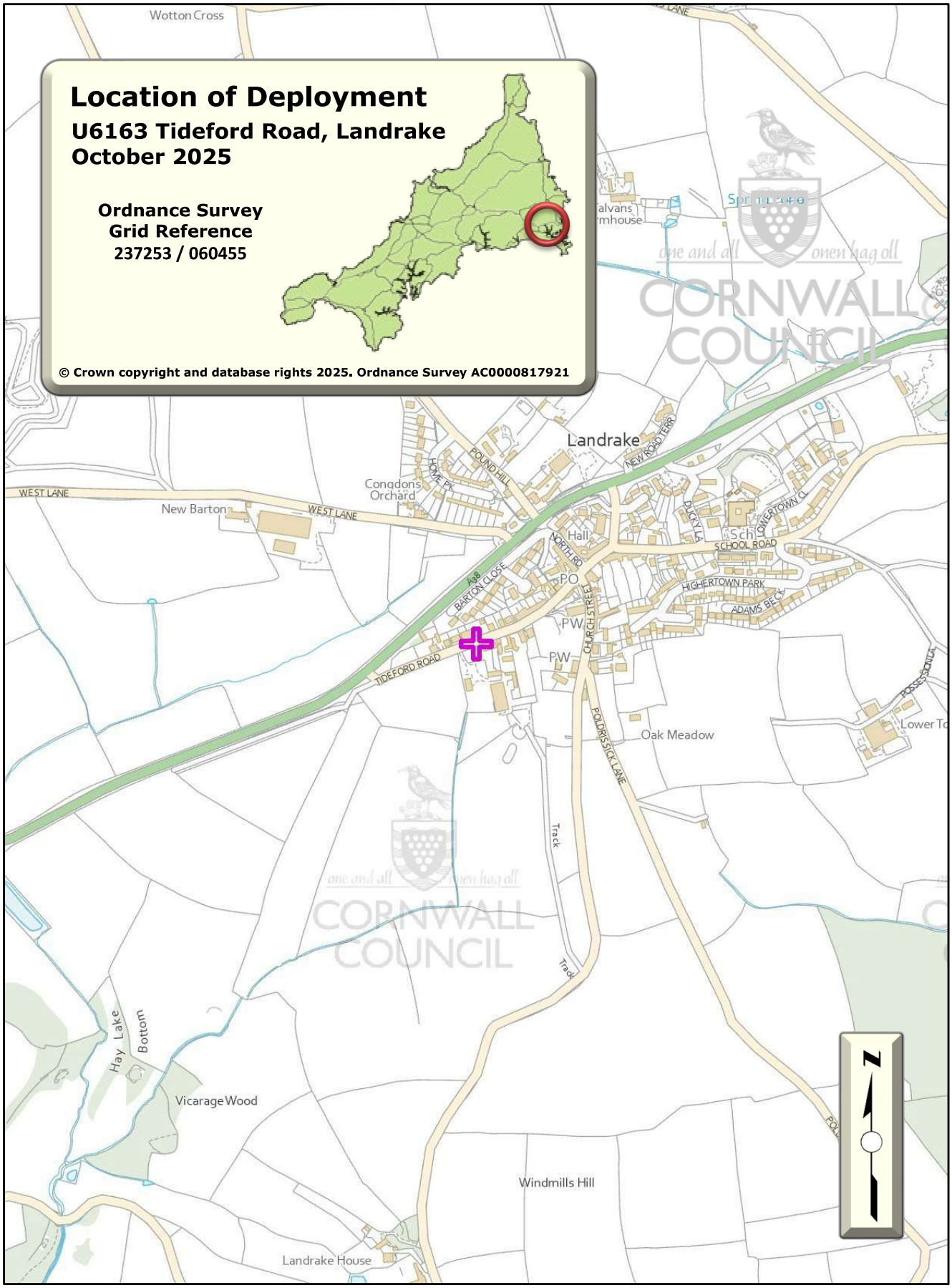
Summary Table

Speed Limit	All Observations		Weekdays		Weekends	
	South-westbound	North-eastbound	South-westbound	North-eastbound	South-westbound	North-eastbound
Number of Observations:	**1,023**	**420**	808	342	215	78
Mean Speed (mph):	**15.3**	**16.9**	15.4	17.5	15.2	13.9
85%ile Speed (mph):	**19**	**21**	19	22	18	16
Standard Deviation:	**3.3**	**4.2**	3.3	4.3	3.4	2.2
% ≤ 20 :	**94.0%**	**83.8%**	94.2%	80.1%	93.5%	100.0%
% 21 mph to 30 mph:	**6.0%**	**16.2%**	5.8%	19.9%	6.5%	0.0%
% >30 mph:	**0.0%**	**0.0%**	0.0%	0.0%	0.0%	0.0%

Comments:	

Data Submitted by:	Ken Dunn	Data Processed by:	David Alway

1 Location Map



2 Glossary of Terms & Abbreviations

2.1.1 RadarClass is a portable radar device that detects and records the speed of passing vehicles. The unit is housed in an unobtrusive rugged black anti-vandal housing which can be mounted on any item of roadside furniture without looking conspicuous.

2.1.2 The principal role of the unit is to detect, and count passing vehicles and log the date, time and speed at which they passed. Data collected can be used to determine the volume of traffic flow on the road on which the unit has been deployed.

№ of Observations:	The number of readings recorded by the radar. This does not correspond to an exact count of vehicles passing the sign, since vehicles may pass the sign in a tightly packed group (or 'platoon'); the radar will only record data for the 'lead vehicle' that is determining the speed for the remainder of the platoon.
Mean Speed:	The arithmetic average of all the speed values recorded.
85%ile Speed:	The speed at or below which 85% of the vehicles recorded were travelling.
Standard Deviation:	A measure of how widely speeds are dispersed from the Mean Speed.
% ≤  **:**	The percentage of vehicles travelling at speeds of 20 mph or below (i.e. the percentage of vehicles travelling at or within the 20 mph speed limit).
% 21 mph to 30 mph:	The percentage of vehicles travelling at speeds of between 21 mph and 30mph.
% >30 mph:	The percentage of vehicles travelling at speeds greater than 30 mph (i.e. the percentage of vehicles travelling at speeds in excess of 10mph above the 20 mph speed limit).