

Test certificate for rejected off-board navigation systems (group 1)

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This certificate relates to the following systems tested: Wayfinder, Jentro (activepilot), Telmap (Vodafone)		Test date: November 2007 Test protocol: see this report
Description	Result	Error details
Test investigation: finding the correct routes		
A – Avoid residential areas in route (kid killer test)	error	KILLING ERROR
B – Avoid residential access roads in route within built up area	error	KILLING ERROR
C – Avoid residential access roads in route outside built up area	error	KILLING ERROR
D – Avoid local roads when driving on motorways	error	KILLING ERROR
Test investigation: preventing searching behaviour		
1 – Motorways		
A – Show number of lanes when motorway divides	error	dangerous manoeuvres, traffic jams, risc of accidents
B – Show number of lanes at exit	error	dangerous manoeuvres, traffic jams, risc of accidents
C – Show exits close together, warning	error	dangerous manoeuvres, traffic jams, risc of accidents
D – Lane instructions at motorway junctions	error	dangerous manoeuvres, traffic jams, risc of accidents
E – Warning when slip road turns into exit	error	dangerous manoeuvres, traffic jams, risc of accidents
2 – Non motorways		
A – Indicate sorting lane	error	slowing of traffic flow
B – Warning ahead of lane selection	error	dangerous manoeuvres
3 – Various		
A - Tunnel navigation	error	dangerous manoeuvres, traffic jams, risc of accidents
B – Road signs – motorways	error	false information, traffic jams, risk of accidents
C – Road signs – exits	error	false information, traffic jams, risk of accidents
4 – Display		
A – No superfluous data	error	concentration errors, traffic jams, risk of accidents
B – Data easy to read	error	concentration errors, traffic jams, risk of accidents
C – Symbol quality	error	concentration errors, traffic jams, risk of accidents
<p>If you see KILLING ERROR, the Stichting Onderzoek Navigatiesystemen advises you not to use the navigator.</p> <p>Final conclusion: none of the systems listed on this certificate fulfils the criteria investigated. Due to the errors observed they constitute a threat to road safety. Using them will cause the number of serious traffic accidents and casualties to increase.</p> <p>They fail to find the ring roads and thus use roads that are not intended for through traffic. Because they even drive through residential areas where children are playing, they are popularly known as “kid killers”. The Stichting Onderzoek Navigatiesystemen puts the cause down to software faults, which could have been prevented by good testing procedures.</p> <p>No lane instructions are given on motorways and multi lane roads, and difficult situations are not correctly signalled. In view of the high traffic density and high driving speeds, these navigators put the driver and their surroundings in danger. This results in queues, traffic jams and accidents.</p> <p>It is noteworthy that all the navigators fail to read the correct direction from the road sign on a motorway exit. This confuses the driver.</p> <p>Most of the information on the colour display is illegible for the driver. This causes searching behaviour, so that the driver’s attention is no longer concentrated on the vehicle and the road. This also causes queues, traffic accidents and casualties.</p>		