

V1-UK-B-1  
ConnectedDrive  
RTTI Overview  
July 2011

# Real Time Traffic Information (RTTI). Overview.



V1-UK-B-1  
BMW Connected  
Drive  
RTTI Overview

July 2011



Sheer  
Driving Pleasure

# Real Time Traffic Information. Introduction.

From September 2011 BMW ConnectedDrive technology once again sets a new pioneering standard for in-car convenience with the introduction of Real Time Traffic Information (RTTI) for vehicles equipped with BMW Professional Navigation systems (option 609) and Bluetooth telephone preparation with telematics (option 633).

RTTI will be available as an enhanced functionality of BMW Professional Navigation at **no extra cost** to the customer. It is enabled (and replaces current TMC) once the driver's BMW Assist account has been activated.

RTTI provides a premium alternative to the current Traffic Message Channel (TMC) as the information presented is based on significantly greater sources of data which are transmitted in real time delivering unique dependability and accuracy.

The system will be introduced from September 2011 production.

# Real Time Traffic Information.

## Technical Details.

RTTI processes traffic information from a wider number of sources. It combines TPEG (Transport Protocol Expert Group) with the GSM network via the integrated SIM card built into the vehicle to provide a precise account of the current traffic situation in real time.

The system will cover all major road networks and motorways in the UK as well as pan-European networks for journeys abroad.

The traffic information is displayed in the vehicle's control display via the navigation map and is easily interpreted via a colour coding system that signifies the flow of traffic and divides the road network down to distances as short as 500m for superior precision and accuracy.

Information is updated every three minutes so that the driver can actively see if the traffic situation is improving or worsening.

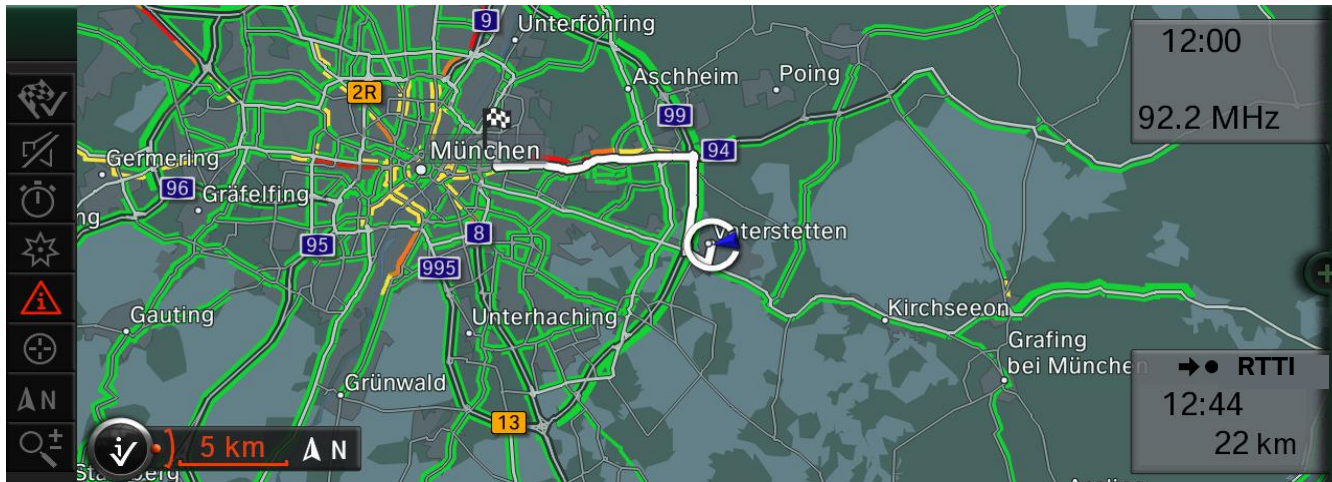
# Real Time Traffic Information.

## TMC vs. RTTI.

TMC  
(Today)



RTTI  
(SOP 09/11)

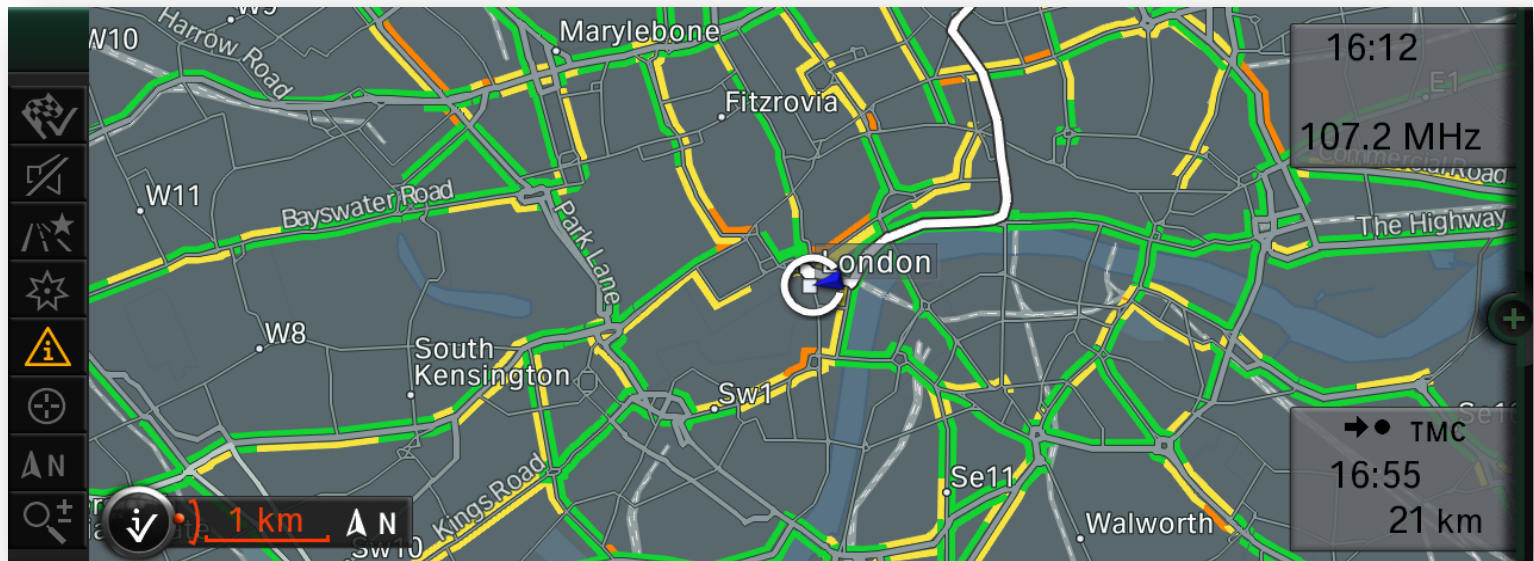


Free Flow  
Queuing Traffic

Heavy/Slow Traffic  
Stationary Traffic

# Real Time Traffic Information. RTTI Functionality Highlights.

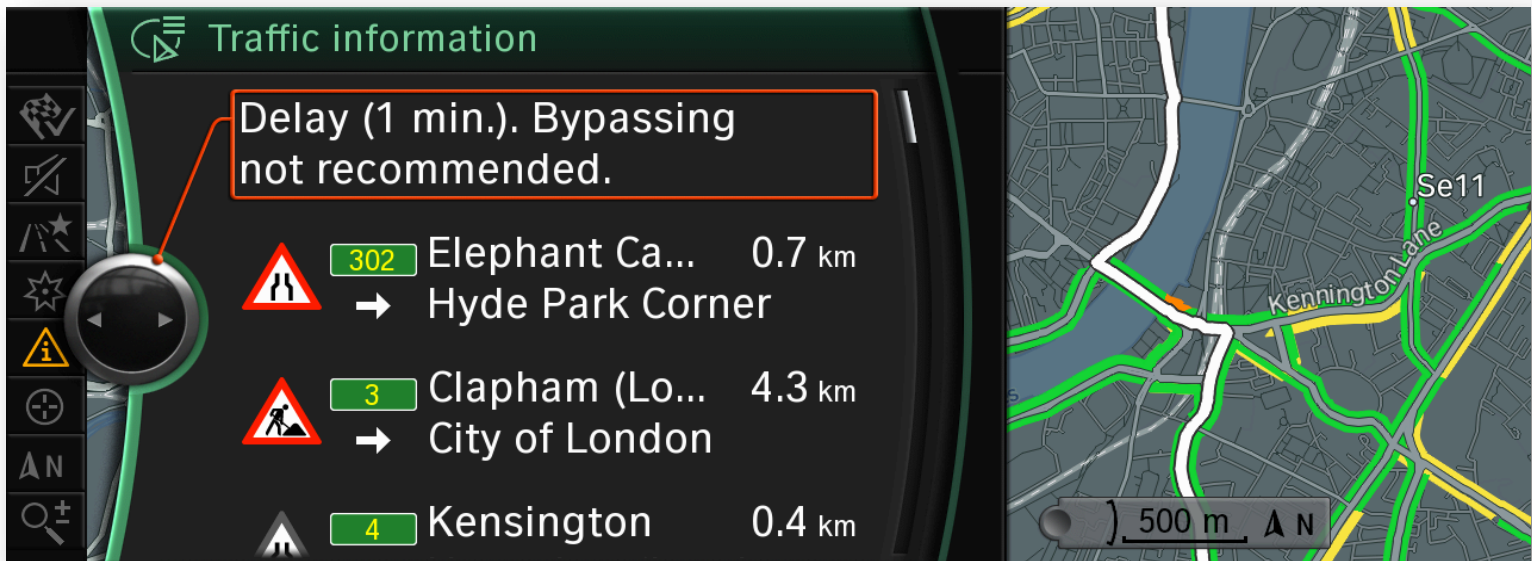
Traffic information is presented in a colour coding system of the road network which can be easily interpreted by the driver. RTTI divides the road network into sections as small as 500m so that the driver constantly knows what traffic situation to expect and the likely delay that it will cause.





# Real Time Traffic Information. RTTI Functionality Highlights.

When the destination guidance is active the system also monitors traffic flow away from the predetermined route to calculate which route is most time efficient and can recommend for or against alternatives. This information provides the driver the knowledge and option of accepting the traffic jam ahead if the alternative routes offer no time saving benefits.



# Real Time Traffic Information. Customer Benefits.

- Enhanced functionality of BMW Navigation system at **no extra cost**.
- More precise and reliable traffic information.
- Information updated every three minutes to generate real time traffic situation.
- Clearly displayed in colour coding scheme that driver can easily interpret and digest.
- Recommendations on alternative routes are more dependable and the system compares the difference in distance and time compared to current route.
- Intelligent integration of the driver, vehicle and outside world for greater comfort and driving pleasure.

# Real Time Traffic Information. Dealer Benefits.

- A new BMW ConnectedDrive service at **no additional cost**.
- Clear tangible customer benefit.
- An impressive function to demonstrate during test drives with customers.
- Clear visual impact on the Control Display.
- Competitive advantage as BMW is the first manufacturer to offer this service.
- A key selling point for our BMW Navigation system as well as conquest potential.



# Real Time Traffic Information. Product Offer.

## **Which options have to be ordered?**

- 609 Navigation system – BMW Professional Multimedia.
- 633 Bluetooth preparation with telematics (or 6NL for F20 and F25).
- 612 BMW Assist.
- 616 BMW Assist - Online portal.

Please refer to the relevant Product Libraries for new Media packages incorporating these options.

Please also note that there is no retro-fit possibility for RTTI and the system replaces TMC once the customer's BMW Assist account is activated.