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Element 1[pre]: A method for providing an optimal route using real-time information for a navigation system comprising a client and a server, said server coupled to a computer network, said method comprising the steps of:	Element 15[pre]: A mobile navigation system comprising:	Element 21[pre1]: A method for providing an optimal route using real-time information from a server of a navigation system, the navigation system also comprising a client and said server coupled to a computer network, said method comprising the steps of:	Element 22[pre]: A method for providing an optimal route using real-time information at client of a navigation system, the navigation system also comprising a client and said server coupled to a computer network, said method comprising the steps of:
	Element 15[a]: a navigation computer;		
Element 1[a]: establishing a wireless connection between the client and the server;	Element 15[b]: a wireless transceiver coupled to said navigation computer for connecting with a navigation server, said navigation server for calculating optimal routes based on real-time information, said optimal routes being formatted using a non-proprietary, natural language description;	Element 21[a]: establishing a wireless connection with the client;	Element 22[a]: establishing a wireless connection with the server;
Elements 1[b]: transmitting start and end route designations from the client to the server;		Element 21[b]: receiving at the server start and end route designations from the client;	Element 22[b]: transmitting start and end route designations from the client to the server;
Element 1[c]: accessing real-time information by the server;			
Element 1[d]: calculating the optimal route by the server, based on the real-time		Element 21[c]: calculating at the server the optimal route based on real-time	Element 22[c]: receiving from the server an optimal route formatted in a non-proprietary,

information and said start and end route designations;		information at the server and said start and end route designations;	natural language description and calculated based on real-time information and said start and end route designations;
Element 1[e]: formatting the optimal route into a non-proprietary, natural language description;		Element 21[d]: formatting at the server the optimal route into a non-proprietary, natural language description;	
Element 1[f]: downloading said non-proprietary, natural language description to the client;		Element 21[e]: downloading from the server said non-proprietary, natural language description to the client	
Element 1[g]: reconstructing the optimal route by the client using a local mapping database; and	Element 15[c]: a mapping database coupled to said navigation computer for reconstructing said optimal route from said non-proprietary, natural language description; and	Element 21[f]: so that the client can reconstruct the optimal route using a local mapping database	Element 22[d]: reconstructing the optimal route using a local mapping database; and
Element 1[h]: displaying said optimal route on a display system coupled to the client.	Element 15[d]: a display screen coupled to said navigation computer for displaying said optimal route using said mapping database.	Element 21[g]: and display said optimal route on a display system coupled to the client.	Element 22[e]: displaying said optimal route on a display system coupled to the client.
Claim 2: The method of claim 1,			

wherein said step of formatting includes the step of dividing the optimal route into one or more links, wherein each link includes at least a street name and a turning orientation.			
Claim 3: The method of claim 2, wherein said step of reconstructing includes the steps of: searching said local mapping database for a closest match of said street name and said turning orientation for each of said links; and building the optimal route by combining each of said closest matches from said searching step.			
Claim 4: The method of claim 1, wherein said accessing step comprises the step of accessing a traffic database comprising current traffic conditions; and querying said traffic database for			

determining current traffic conditions between locations defined by said start and end route designations.			
Claim 5: The method of claim 1, wherein said real-time information includes one or more from the set of: current traffic conditions; highway ramp configurations; current weather conditions; constriction information; road restrictions; detour information; and event traffic information.			
Claim 6: The method of claim 1, wherein said wireless connection is accomplished using a cellular network.			
Claim 7: The method of claim 1, wherein said transmitting step includes the step of entering into a keypad data entry			

field, said start and stop route designations including a name for one or more of: a city; a state; a country; and a street.			
Element 8[a]: The method of claim 7, wherein said step of entering comprises the steps of: comparing data entered into the keypad data entry field with a database of allowable entries;			
Element 8[b]: determining a set of conforming data items associated with said entered data;			
Claim 9: The method of claim 8, wherein said criterion defines a data item in said set of conforming data items that appears first alphabetically.			
Claim 10: The method of claim 8, wherein said criterion defines a data item in said set of conforming			

data items that is used most frequently.			
Claim 11: The method of claim 8, wherein said criterion defines a data item in said set of conforming data items that is used most recently.			
Claim 12: The method of claim 1, wherein said downloading step comprises the step of compressing said natural language description.			
Claim 13: The method of claim 1, wherein said calculating step further comprises the step of reading user-specific data in calculating the optimal route.			
Claim 14: The method of claim 1, wherein said computer network is the Internet.			
	Element 16[a]: The mobile navigation system of claim 15, further comprising: a GPS receiver coupled to		

	said navigation computer for monitoring position;		
	Element 16[b]: a telephonic device coupled to said wireless transceiver and said navigation computer for making and receiving telephone calls; and		
	Claim 17: The mobile navigation system of claim 15, wherein said display screen is used to display the mapping database in a head right configuration.		
	Claim 18: The mobile navigation system of claim 15, wherein said display screen is used to display the mapping database in a head left configuration.		
	Claim 19: The mobile navigation system of claim 16, further including a clock coupled to said navigation		

	computer, wherein said navigation computer is programmed to set said clock to an accurate local time in accordance with a time from said GPS receiver and a current time zone.		
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