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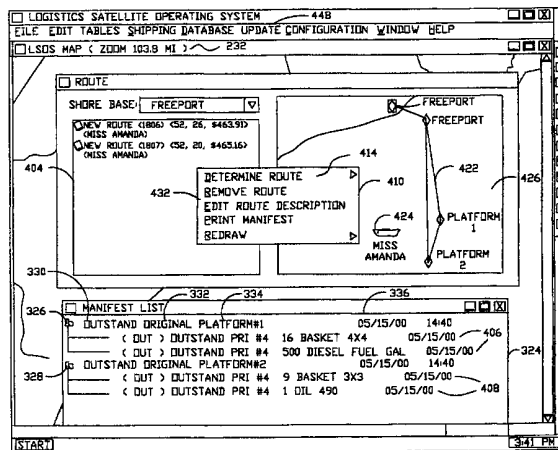
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(54) Title: LOGISTICS SYSTEM AND METHOD



(57) Abstract: A logistics method is disclosed that provides logistics computer programming for controlling a plurality of transports (252) to supply a plurality of delivery locations (248) from one or more bases (226, 254). Each of the bases (226, 254) and delivery locations (248) are in communication with a central database (202), preferably an Internet server database, that contains updated logistics information. The central database (202) is preferably automatically updated at selectable intervals as to transport location, destination, fuel level, speed, and heading (286). Manifests (326) may be originated at the respective delivery location (248) or at an associated base (226, 254) and are stored in the central database (202). Given information about each transport such as load capacity, fuel level, location intelligence (284), and the like that is stored in the central database (202) and information about the materials (350), manifest status (348), and other factors, potential least cost delivery routes (422) using capable transports (424) can be automatically produced for selection by an operator (432). The computer programming associates a status designation (348) with each manifest such as outstanding, staged, printed, loaded, unloaded, and cancelled (354).



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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,E	US 6,014,628 A (KOVARIK, JR.) 11 January 2000, abstract, lines 4-8. col. 5, lines 32-55, col. 8, line 5, col. 11, line 8- col. 12, line 24, col. 10, lines 29-32, col. 13, lines 45-55, col. 14, lines 30-61,col. 17, lines 40-52, col. 18, lines 14-38	1, 2-9, 13-17, 22, 27-30, 32-38
----- Y,E		----- 10-12, 18-21, 23-26, 31 ---
Y	US 5,666,493 A (WOJCIK, ET AL) 09 September 1997, col. 10, line 38-col. 11, line 7, col. 12, lines 13-24, col. 17, lines 10-27, col. 19, line 65-col. 20, line 13	10, 19-21, 23-26, 31
Y	US 5,712,989 A (JOHNSON, ET AL) 27 January 1998, col. 22, lines 1-10	11, 12
Y	US 5,434,775 A (SIMS, ET AL) 18 July 1995, col. 16, lines 14-24	18