Marine Magnet, Inc. Case Study Demonstration of Sourcing Ticket Schedule Dispatcher Techniques & Behaviour

The use of sourcing ticket diagrams and associated tactics in the creation of route tracker applications has at times been presented as a standard, even while criticised by the great majority of command who not understand the application b/c they are so busy. In this product demonstration report, we describe useful insights to evaluate tactics about the extent & quality of dispatch support that the use of sourcing tickets provides to DoD. Tactics were investigated in a controlled & competitive setup in which both expert & novice dispatchers participated. Our approach to evaluating tactics in this manner has the potential for wide application for validation where focus on the process of route tracker application usage by dispatchers is important.

Does sourcing ticket documentation by dispatchers support Fleet Type & Size deployment potential for addressing niche markets applicable to DoD process control? Dispatcher use of sourcing tickets is intended to support open source communication between dispatchers central to all Procurement & support activities leading up to the deployment of Fleet Types & Sizes to meet the force structure requirements of surge contingency scenarios. Sourcing ticket diagrams represent programme source quote solutions & the source quote forms an important context for the execution of the route tracker application tasks.

We strongly believe in the advantages of open source communication between dispatchers & even critics have communicated fairly positive perceptions. If DoD believes that open source communication between dispatchers is the most effective tactic for writing standard sourcing tickets, then the application should be devised to aid that development & fulfill that requirement. Command briefings were canvassed for input into the composition of the souring ticket standards even while no existing DoD protocols supported the creation of sourcing tickets due to a lack of attention. There are other influences at play within DoD for deployment of Fleet Type & Size upgrade & replacement pattern productivity for users of open source communication between dispatchers likely affected by previous dispatcher experiences in the sourcing ticket problem domain.

As highlighted by our efforts in this product demonstration report, dispatcher tactics must be judged in context. A standard language for sourcing tickets should be beneficial for a wide variety of dispatcher users and contexts. As a consequence of these factors, our main aim in this dispatcher competition is to investigate the tactics by which sourcing ticket notation can supply niche capability & dispatch support for DoD processes. If sourcing ticket notation is found to provide that dispatch support, then the route tracker application should influence the process by which DoD units use sourcing ticket notation. Some justification will have been found for sourcing ticket selection as a standard language for procurement & support of defence equipment.

In this product demonstration section we review the dispatch steps involved in solving Fleet Type & Size deployment scenarios in the sourcing ticket problem domain which include surge contingency scenario force structure adjustment programme search modification. Our principal goal is to present solid competitive tactics for dispatch processes to drive our work that will address the main sourcing ticket questions communicated by DoD.

We have demonstrated that both factual information & procedural dispatch records manifested in performance may be implemented & activated in the solution of sourcing ticket schedule problems. Dispatch skills are realised by production rules & quote determination in the contract procurement quote network interface for force structure adjustments during surge contingency scenarios facilitated through dispatch plans & tactics utilised in retrieval and recognition of equipment upgrade & replacement patterns for the Fleet.

For Fleet Type & Size deployment resulting from upgrades & replacement of equipment components, we have defined a schedule design process, along with a set of procedures that implement these tactics. The goal of route tracker application design is to break down sourcing ticket problems into sub-problems with schedules composed of both declarative and procedural contract procurement quote network interface information. During the design process, decisions must be made as to which sub-problem sequence to solve next, and then find a solution for it. Goals must be identified for the sub-problem whose attainment may be achieved by route tracking pattern matching dispatch records of past events stored in contract procurement quote network interfaces.

Sourcing ticket problem solutions may be evoked from contract procurement quote network interface derived from information acquired from the dispatch problem space or inferred from the use of dispatch simulations. For open source communication between dispatchers, expert tactics require schedules representing information on specific problem domains plus schedules dependent upon the targeted surge contingency scenario force structure determination programming domain. In fact, system design involves the integration of multiple contract procurement quote network interface domains, knowledge of the route tracker application domain architecture, design methods, and so on.

Open source communication between dispatch programmes are presented as sets of rules for solving groups of sourcing ticket problems. In this framework, rules designed for evaluating dispatch tactics may occur in either the problem or solution domain, with rule and instance spaces included for each domain. Rules may be induced by evoking previously stored schedules deriving from contract procurement quote network interface information, knowledge gained from current sourcing ticket problems, or by inferring from simulations in the instance space. One significant aspect of the transformation from novice to expert dispatcher in any domain of tactic evaluation is the acquisition of sourcing ticket problem-solving schedule applications to determine relevant processes.

Sourcing ticket schedule problem-solving tactics are derived from contract procurement quote network interface dispatch record representations which determine quotes knowledge based on past experiences with particular types of sourcing ticket problems. The process of constructing such a representation is also influenced by quote schedule determination. Expert dispatchers creating Fleet Type & Size upgrade & replacement pattern deployment for meeting force structure adjustments during surge contingency scenarios w/ recognition & recall of meaningful routing patterns when they see them are contrasted w/ novice dispatchers who lack appropriate real-time instincts determining representations of dispatcher techniques. However, expert dispatchers sometimes are no better than novice dispatchers when unfamiliar routing patterns are encountered .

Several possible perspectives from which to evaluate a tactical evaluation & representation of dispatcher behaviour exist. We have demonstrated that effective use of looking a quote up on a route pattern map requires purposeful perusal. Thus, looking a quote up on a route pattern map may support dispatch solution of sourcing ticket problems if the representative notation conducive to modeling the real-world mobile operation of the problem constrains what may be inference to prime essentials, the content provides a suitable description of the problem for tactical evaluation off-loading; and the layout aids perusal. From this we conclude that much of the responsibility for the success of looking a quote up on a route pattern map lies with the dispatcher who controls content and layout.

We present the following framework for the representational system of a distributed task for solving souring ticket problem by individual dispatchers. This framework serves as a guide for our product demonstration report**. S**ystems representations showing dispatch record knowledge flow for distributed dispatch task records cues the formation within sourcing ticket problem space in real-time instinct diagrams which retrieve schedule plans & designs from dispatch records, acting as an executive structure for selecting and applying tactics derived, evoked or inferred in real-time to facilitate the achievement of sub-goal solutions of sourcing ticket problems.

Looking a quote up on a route pattern map can be utilised by the sourcing ticket problem space, helping to establish real-time instinct to cue schedule establishment from dispatch records acting as recipients for the off-loading of real-time dispatch when the task becomes overwhelming. Looking quotes up on a route pattern map should serve to support disptacher programme processes during Fleet Type & Size upgrade & replacement deployment if it does the following: 1) Facilitates tactical support of the sourcing ticket problem by contributing to real-time instincts in the problem space, and 2) Forms a Reminder Set within the dispatcher problem space to facilitate the process.

This product demonstration report is based on a controlled a tactical evaluation of expert & novice dispatchers modelers to obtain a rich demonstration of sourcing ticket problem space & solutions that provide real-time control for adjustments to force structure for surge contingency scenarios. Our intention is to present the performance and behavior of dispatchers engaged in the modification of the route tracker application with a view toward obtaining detailed pictures of the representative process of that occurs. While performance was an important part of tactic evaluation, our emphasis in this product demonstration report is chief is on focused examinination of process behaviour during dispatch activity. In addressing this aspect of dispatcher behaviour & process control, the following topical questions are examined:

- Can the use of sourcing ticket notation facilitate dispatcher comprehension of complex DoD programmes by assisting in the formation of valid real-time instincts for solving sourcing ticket problems?

- Can the use of sourcing ticket notation facilitate dispatcher writing of quote schedules solve complex DoD programme problems by acting in a Reminder Set within the sourcing ticket problem space to induce rules for solution?

- Can the use of sourcing ticket notation facilitate dispatcher modification of complex DoD programmes by providing a vehicle for off-loading from contract procurement quote network interface information?

To study these issues, we conducted a controlled dispatch competition, examining in detail tactics utilised by the most successful dispatchers from both the expert & novice groups. The competition involved the modification of two route tracker application tasks: 1) DoD programme Cost Invoicing, and 2) Scanning Fleet Type & Size Upgrade & Replacement Quotes. Modifying a DoD programme involves both the comprehension of the problem & induction of rules to achieve the sub-goals that contribute to the full sourcing ticket problem solutions.