

SDDC

MILITARY SURFACE DEPLOYMENT & DISTRIBUTION COMMAND
"SURFACE WARRIORS"

Carrier Survey Results

SDDC MOVES
AND SUSTAINS
FORCES, MATERIEL,
AND FAMILIES
ACROSS THE NATION
AND AROUND THE
GLOBE.



WE ARE THE U.S. ARMY SERVICE COMPONENT COMMAND OF THE U.S. TRANSPORTATION COMMAND
AND A MAJOR SUBORDINATE COMMAND OF THE U.S. ARMY MATERIEL COMMAND

TRUSTED PROFESSIONALS...DELIVERING READINESS!



Carrier Survey Background

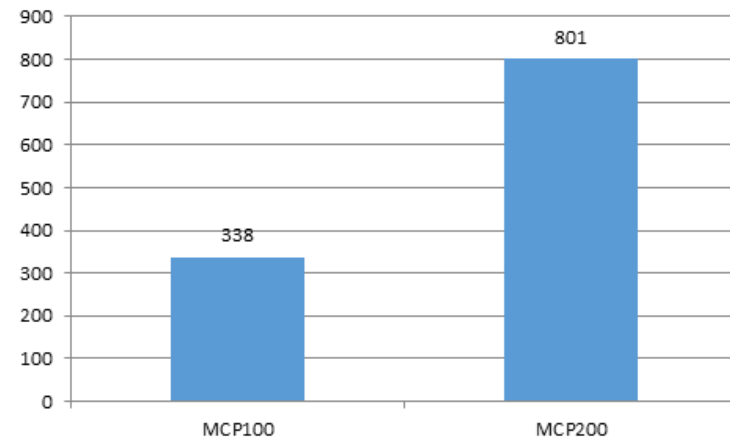
- **Developed to assist DTTS PMO with understanding current Transportation Protective Service (TPS) carriers' satellite monitoring and safety capabilities**
- **Survey open from 29 June to 9 August 2017**
- **Consisted of 18 questions**
 - **Seven Satellite Motor Surveillance (SNS) related questions**
 - **Nine safety related questions**
 - **Also included a carrier contact question and a question soliciting additional issues, concerns or feedback**
- **Survey request sent to 50 SNS carriers (AA&E and non-AA&E)**
- **Received responses from 30 carriers**
 - **18 responses were from AA&E carriers**



Key Findings -- SNS

- **Omnitracs continues to be only approved SNS Vendor**
 - **30% of respondents are using MCP100s**
 - **70% are using MCP200s**
- **79% of respondents are not considering other tracking products/applications**

SNS Products Currently in Use





Key Findings -- Data

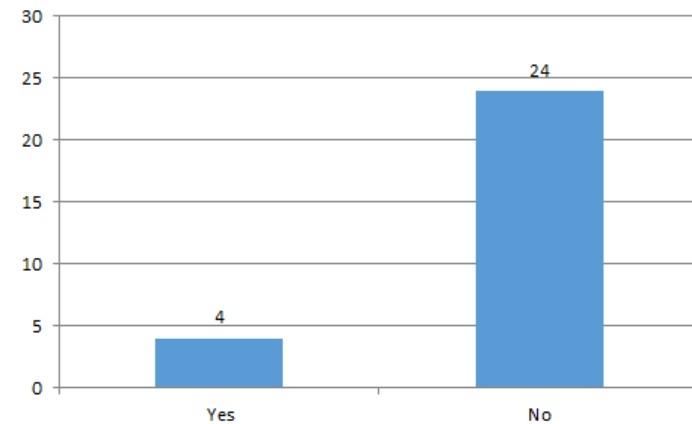
- **64% of respondents are not collecting any data outside of the requirements contained in the Military Freight Traffic Unified Rules Publication (MFTURP-1)**
- **36% collecting additional data like trailer temperature information, critical events (hard breaking, roll stability control, forward collision warning), odometer and fuel readings, and speed readings**



Key Findings -- SNS

- **86% of respondents collect location data at 15 minute intervals as required by the MFTURP-1**
- **Remaining respondents collect location data at one minute, five minute, and ten minute intervals**
- **50% of respondents are using additional applications or products to track/manage shipments**
- **68% of respondents do not issue cell phones to their drivers**

Location Data Frequency – More than 15 Minutes?





Key Findings -- Safety

- **50% respondents are using safety technologies and products**
- **Respondents utilize varying methods to integrate safety technology into their overall safety programs**

Safety Technology Usage

Percentage of Respondents (15 total)	Percentage of Fleet
53% of respondents	>90% equipped
13% of respondents	76-90% equipped
7% of respondents	41-75% equipped
27% of respondents	10-40% equipped





Key Findings -- Safety

- **79% of respondents use lesson plans to train drivers on technology**
 - **Methods of training also include use of third-party and/or online materials**
- **75% of respondents report “more than 90%” of drivers are trained on safety technology**
- **71% of respondents maintain records on driver technology training**
- **Results found there is no consistent method to training or records maintenance among respondents**





Key Findings -- Safety

- **50% of respondents maintain metrics/service records for technology systems utilizing various systems including Omnitrac, JJ Keller Encompass, and TMW Systems' Transman**
- **46% of respondents recertify drivers on technology annually or less than annually**
- **54% of respondents re-certify drivers more frequently than annually**
- **29% of respondents collect and maintain metrics on the use of safety technology**





Way Forward

- Evaluate potential SNS vendors and tracking solutions
- Evaluate available safety technologies to determine potential benefits to TPS program
- Establish requirements; collect metrics on the use of safety technologies
- Identify the feasibility of a crash indicator
- Develop program to review carrier safety programs and safety training
- Update the MFTURP-1 as required to support findings





MILITARY SURFACE DEPLOYMENT & DISTRIBUTION COMMAND

SURFACE
WARRIORS

Defense Transportation Tracking System (DTTS)

QUESTIONS?



SDDC

MILITARY SURFACE DEPLOYMENT & DISTRIBUTION COMMAND

“SURFACE WARRIORS”

WHAT WE BRING TO THE FIGHT...

9 BRIGADES GEOGRAPHICALLY LOCATED TO SUPPORT COMBATANT COMMANDERS

OUR NATION'S STRATEGIC AMMUNITION PORTS

GLOBALLY POSTURED TO PROVIDE AGILITY FOR THE WARFIGHTER

**IT'S ALL ABOUT THE
WARFIGHTER**



TRUSTED PROFESSIONALS...DELIVERING READINESS!