



ANNUAL REPORT



Superintendent
Anthony L. Burrell

2019

Wisconsin State Patrol

Providing exceptional public safety services

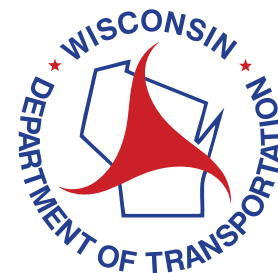
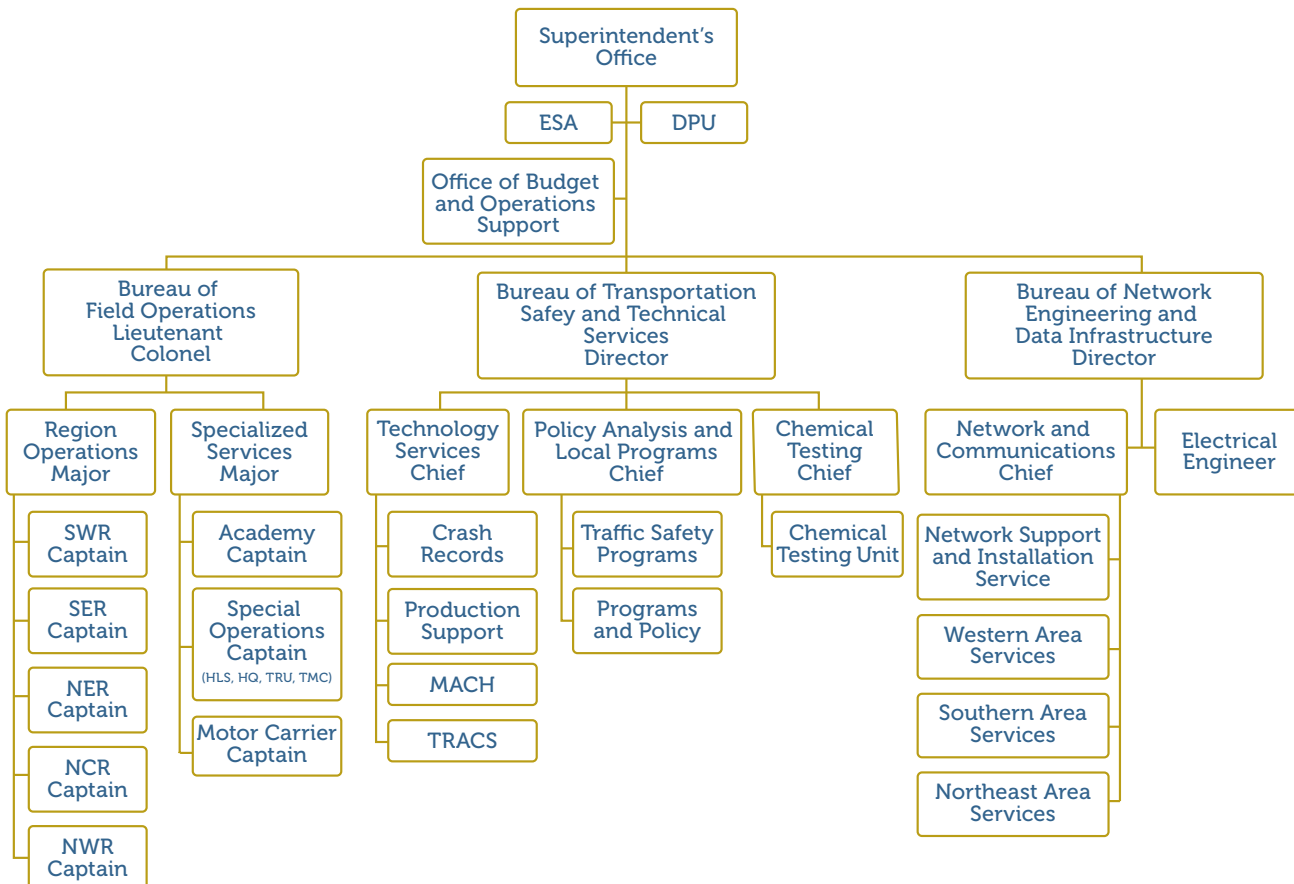


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Division of State Patrol



Superintendent's Message



For the Wisconsin State Patrol, 2019 was an extremely busy and productive year. While our comprehensive responsibilities continued to evolve, our core mission remained unchanged: help ensure the safe, efficient movement of people and commerce along our highway system.

At the conclusion of our 80th year of service, we pause to salute our forbearers, who built the foundation for what the Wisconsin State Patrol now represents. These men and women were committed to achieving things that others thought impossible and created the legacy we cherish today.

Over this past year the Wisconsin State Patrol has implemented several changes aimed at strengthening internal and external communications:

- » As part of a division reorganization, the Wisconsin State Patrol's new Bureau of Network Engineering and Data Infrastructure (BNEDI) will place a sharper focus on communications infrastructure including upgrades to in-vehicle equipment, enhancements to towers and interoperability among our many partners.
- » The Bureau of Transportation Safety now includes a "Technical Services" component reinforcing our commitment to collect, analyze and share timely traffic safety data. This advancement increases overall efficiency and the strategic deployment of resources.
- » We established Facebook and Twitter pages to highlight our many responsibilities, educate the public and support recruitment efforts.
- » We have partnered with the Department of Justice, Division of Criminal Investigation (DCI) to combat human trafficking. All Wisconsin State Patrol officers are now trained to recognize indicators of human trafficking.
- » We expanded our Unmanned Aerial Vehicle (UAV) program to include 10 drones and 11 trained pilots.
- » We participated in several homeland security exercises in 2019 including the annual "SIMCOM" exercise focused on the interoperability of communications between multiple agencies. During "Patriot North," the Wisconsin State Patrol worked with the National Guard in various civil unrest scenarios. "GRIDEX" allowed state and local entities to work through regional power loss scenarios.

Superintendent's Message



» We incorporated pre-screening and weigh-in-motion technologies into our SWEFs to enhance efficiency and public safety.

The Wisconsin State Patrol continues to plan for the future by making investments in equipment, facilities, training and leadership development. While training and technologies are valuable tools in helping us carry out our public safety mission, nothing will ever replace the dedicated and talented men and women of the Wisconsin State Patrol. Your hard work and commitment to public service continues to make Wisconsin's highways and communities safer for everyone.

Sincerely,

A handwritten signature in black ink that reads "Anthony L. Burrell". The signature is written in a cursive style.

Anthony L. Burrell, Superintendent

2019 Division Highlights

Bureau of Field Operations—Regional Operations

- » Record attendance at regional recruitment open house events.
- » Every region represented in the annual State Patrol Division Awards Ceremony.
- » DSP regions supported the Dignitary Protection Unit to assist with security-related needs for state and national dignitaries.
- » Continued inter-agency partnerships related to Highway Criminal Interdiction efforts, human trafficking, reckless driving, speeding and OWI enforcement initiatives.
- » Traffic enforcement/safety initiatives for mega construction projects in the Southwest and Southeast regions. Assisted with several major incidents to help re-route and re-establish traffic flow.
- » Continued regional focus on Predictive Analytics to guide traffic enforcement efforts.
- » Continued community involvement: Shop with Cops, Special Olympics, Eagle Scouts, Cops on Rooftops, Cops and Bobbers, Milwaukee Commitment to the Community Event, Police Survivors Kids Camp, National Night Out events, Elementary School Summer Reading Programs and Distribution of free books for kids via the Reach-A-Child Program.
- » Participated in comprehensive planning efforts associated with the 2020 Democratic National Convention in Milwaukee.
- » Assisted with crowd/traffic control during the EAA AirVenture 50th Anniversary event in Oshkosh. The 2019 event broke an attendance record with approximately 642,000 attendees.
- » All regions focused on Leadership/Development and training for future supervisors.
- » Executive Command presence at regional end-of-year troop meetings.
- » Superintendent visited all regions for one-on-one and group listening sessions.
- » Executive Command follow-up and response to 2019 Employee Survey.
- » Streamlined responsibilities through a Division reorganization.
- » Initiated Peer Support/Wellness programs in all regions.
- » Sought approval for Enhanced Employee Wellness Initiatives.



2019 Division Highlights

Bureau of Field Operations—Specialized Services

Academy

Recruit Class Training:

- » 64th Recruit Class graduated in March and the 65th Recruit Class started in September.

Hosted numerous Specialized Training Courses including:

- » WIDOB Command College.
- » WI American Legion Law Enforcement Career Academy.
- » ABATE Motorcycle Program.
- » ALERT Team Leader and Command Training.
- » FEMA Field Force Operations Course.
- » WIDOB Interdiction for the Protection of Children Training.
- » DOT Senior Managers.
- » Fort McCoy Garrison Annual Meeting.
- » Madison PD Recruit Class EVOC and Vehicle Contacts.
- » Rochester, MN PD ERT.
- » Goodhue County, MN SWAT.
- » South Metro, MN SWAT.

Facility Upgrades:

- » Installed new audio-visual equipment in Classroom #1.
- » Upgraded second floor "B" and "C" dorms.

Facility Use:

- » Provided training to 4,982 individuals.

Equipment Purchases:

- » 1 Mobile Field Force Equipment Trailer.
- » 490 Individual First Aid Kits.
- » 530 Glock 17 Gen5 9mm handguns to replace GLOCK 22 Gen4 .40 caliber handguns.
- » 380 Colt M4 carbine rifles to replace A1 and A2 rifles.
- » 496 Aimpoint PRO optics for all rifles.



2019 Division Highlights

Motor Carrier

- » Size and Weight Enforcement Facilities (SWEFs) along key highway corridors are incorporating pre-screening technologies that allow commercial vehicles to be checked at highway speeds, helping ensure legal operation for standard weight limits, credentials and past safety history. Approved carriers can continue without entering the SWEF, saving industry valuable time and allowing State Patrol inspectors to focus on vehicles and carriers with identifiable safety concerns.
- » Previously, commercial vehicles hauling raw forest products and operating under a 98,000-pound Raw Forest Permit, were required to enter the SWEF each trip. In coordination with PrePass Safety Alliance (vendor of the screening system), the weight checking capabilities of these systems was expanded to validate the 98,000-pound Raw Forest Permit. This allows the raw forest industry to benefit from this cost-saving technology.



2019 Division Highlights

Special Operations

Air Support Unit (Manned Aircraft Program)

- » Added two new pilots to the unit, for a total of seven pilots.
- » Supported 110 total missions of which 67 were for missing person searches, SWAT operations, criminal surveillance and fleeing fugitive manhunts and 43 were traffic enforcement missions.

Air Support Unit (Unmanned Aircraft Program)

- » Began in April.
- » Includes 11 FAA-certified pilots who are trained and equipped to support public- safety missions using 10 State Patrol drones.
- » Supported 51 public safety missions which included crash and crime scene mapping, searches for missing individuals and damage assessment flights.

K9 Unit

- » Developed a new Significant Seizure Report (SSR) to showcase highway criminal interdiction efforts by law enforcement officers throughout Wisconsin. The SSR serves as a tool to share highway criminal interdiction trends and officer safety information.

Human Trafficking/Crimes Against Children

- » Added a part-time assignment to the DCI Human Trafficking Unit to assist with Human Trafficking and Internet Crimes Against Children investigations.
- » Statewide participation in a nationwide Crimes Against Children patrol operation.

Social Media

- » In late December, the State Patrol implemented a website, Facebook and Twitter accounts
- » These contemporary communication tools provide the State Patrol targeted messaging abilities to educate and engage the public and support recruitment efforts. It also provides opportunities to showcase daily State Patrol functions and update the public with situational awareness regarding incidents and events.

Technical Reconstruction Unit

- » Obtained several high resolution digital cameras and five portable Trimble Total Station 3D scanners used to efficiently map crash, crime and incident scenes.

Speed Enforcement equipment

- » 56 Stalker DSR2X radars.
- » 15 Stalker RLR lidars.
- » 13 Kustom ProLaser4 lidars.



2019 Division Highlights

Bureau of Transportation Safety and Technical Services

- » Wisconsin was an early adopter of the “zero traffic deaths” concept in 2009. After a brief hiatus, “Zero in Wisconsin” has returned, along with a new tag line: “Together we can save lives.” This reflects the Wisconsin DOT’s vision that one roadway fatality is one too many.
- » Predictive Analytics combines a data-driven algorithm (produced in Community Maps) to identify emphasis areas and strategically deploy resources to have the greatest impact on public safety. In Phase 2 of this effort, troopers distributed flyers to motorists which provided statistics and factors behind crashes in a specific area. Analysis is ongoing to develop Phase 3.
- » Crash reports are now 100% electronic with 98.55% of crashes geolocated. Data transmitted last night is available in Community Maps the next day.
- » The State Patrol has established a Transportation Safety Strategic Communication plan to help coordinate and guide traffic safety-related efforts with our many local partners. This “living document” will be routinely updated to reflect evolving challenges.
- » Partnered with the Wisconsin Department of Justice to design and develop a Use of Force tracking form that will be rolled out for use by all Wisconsin law enforcement agencies for 2020.



- » Started a joint project that allows vehicle owners or parties involved in reported traffic crashes to provide their insurance information online. This replaced an antiquated paper process.
- » Put in place additional cybersecurity measures for State Patrol computers including reassessments of all user permissions and network monitoring software as required by the federal Criminal Justice Information System.
- » The Chemtest Unit is working to replace the statewide inventory of Intoximeters with the latest version that has improved data communication capabilities.

2019 Division Highlights

Bureau of Network Engineering and Data Infrastructure

- » In July, the Bureau of Network Engineering and Data Infrastructure (BNEDI), in coordination with the Office of Emergency Communications (OEC), upgraded the WISCOM site on wheels (SOW) by replacing the older generation repeaters with new VHF and 800 MHz repeaters. This provides a more reliable resource for portable WISCOM radio communications during critical incidents and special events. The SOW was deployed at the American Birkebeiner® cross-country ski event in Cable, WI; Country Jam USA music festival in Eau Claire, WI; and, the Tomahawk Fall Ride in Tomahawk, WI. These are just a few examples of the State Patrol improving radio communication interoperability to keep the public safe.
- » BNEDI technical and professional staff continued to support the Bureau of Field Operations (BFO) with a radio equipment testing and evaluation process. Two mobile, portable and vehicle repeater solutions were tested in the Southwest Region during the 3rd and 4th quarters of CY2019. A third solution is expected to be tested during the 1st quarter of CY2020. This project augments similar work performed in 2018. The testing results will be used to guide a future request for proposal (RFP) ensuring a competitive, fair process for multiple vendors to propose solutions.



- » BNEDI network technicians assisted with the transition of DOJ's Amber Alert messaging system from the Dane County Public Safety Communications Center to the State Traffic Operations Center by collaborating with staff from DOJ, the STOC and the Educational Communications Board (ECB).
- » Fleet Installation Center (FIC) technicians assisted State Patrol and partner agencies with fleet upfitting and servicing:
 - 118 - DSP vehicles
 - 3 - DSP motorcycles
 - 22 - DNR vehicles
 - 2 - DNR boats
 - 2 - Capitol Police vehicles
 - 1 - WEM vehicle
- » FIC technicians prototyped three fleet vehicles with new wrap-around push bumpers and enhanced emergency side lighting packages.

2018-2023 Strategic Plan—Overview

Goal 1: Enhance public safety

- » Maintain a proactive and robust commercial motor vehicle enforcement program. Implement a data-driven approach for resource allocation and traffic enforcement efforts.
- » Develop partnerships with governmental and private organizations to address aggressive and hazardous driving behavior.
- » Enhance agency-wide emergency response capabilities to all-hazard events.

Goal 2: Combat crime and terrorism

- » Expand services and capabilities to support stakeholders.
- » Enhance criminal enforcement efforts.
- » Support Homeland Security initiatives.

Goal 3: Leverage technology to improve efficiency, effectiveness and adaptability

- » Improve interoperability with voice communications.
- » Maximize innovative technologies.
- » Expand utilization of Mobile Architecture for Communications Handling (MACH).
- » Develop robust predictive analytic tools.

Goal 4: Recruit, hire and retain a diverse workforce

- » Modernize marketing materials and the Wisconsin State Patrol website.
- » Expand outreach.
- » Pursue an annual recruit class.
- » Streamline and shorten hiring processes.
- » Utilize targeted recruitment.
- » Support career development for all positions and levels.
- » Foster a culture of employee appreciation.

Goal 5: Build a culture of continuous performance improvement

- » Create a commitment to accountability.
- » Develop competent and innovative leaders.
- » Collaborate with those closest to the work to encourage innovation and identify emerging problems.

2018-2023 Strategic Plan–2019 Trends

Goal 1: Enhance public safety

- » Maintain a proactive and robust commercial motor vehicle enforcement program. Implement a data-driven approach for resource allocation and traffic enforcement efforts.

Motor Carrier Compliance (BFO)	2018	2019	Trend
MCSAP CMV Inspections	36,478	40,289	↑ Constructive Trend
MCSAP Out-of-Service Drivers	2,477	2,785	↑ Constructive Trend
MCSAP Out-of-Service Vehicles	6,905	7,490	↑ Constructive Trend
MCSAP Post Crash Inspections	521	465	↑ Constructive Trend
Core Traffic Enforcement (BFO)	2018	2019	Trend
Speed Contacts	118,888	110,673	↓ Adverse Trend
Safety Belt Contacts	20,078	17,728	↓ Adverse Trend
Impaired Driving Contacts	4,010	3,693	↓ Adverse Trend
Advanced Training (BFO)	2018	2019	Trend
ARIDE Personnel (Advanced Roadside Impaired Driving Enforcement)	286	344	↑ Constructive Trend

- » Develop partnerships with governmental and private organizations to address aggressive and hazardous driving behavior.

Saturation Detail Hours (BFO)	2018	2019	Trend
Speed	2,211	1,705	↓ Adverse Trend
Safety Belt	2,452	1,359	↓ Adverse Trend
Impaired Driving	778	560	↓ Adverse Trend
Impaired Driving – Task Force	1,336	970	↓ Adverse Trend

- » Enhance agency wide emergency response capabilities to all-hazard events.

Response Units (BFO)	2018	2019	Trend
SWAT Personnel (Special Weapons and Tactics)	31	34	↑ Constructive Trend
MFF Personnel (Mobile Field Force)	79	75	↓ Adverse Trend

*The data and trends noted in this report cover only a two-year period. Numbers within a specific category can vary significantly from one year to the next due to numerous factors such as: major planned or unplanned events in a particular year; growing responsibilities; fluctuations in staff levels; enforcement priorities that can be influenced by weather, societal changes and driver behaviors.

2018-2023 Strategic Plan–2019 Trends

Goal 2: Combat crime and terrorism

» Expand services and capabilities to support stakeholders

Advanced Training (BFO)	2018	2019	Trend
TLO Personnel (Threat Liaison Officer)	175	265	↑ Constructive Trend

» Enhance criminal enforcement efforts.

Criminal and Non-Traffic Enforcement (BFO) 2018	2018	2019	Trend
Controlled Substance Arrests	4,175	3,574	↓ Adverse Trend
Warrant Arrests	1,556	1,234	↓ Adverse Trend
Other Non-Traffic Arrests	1,025	1,012	↔ Continuing Trend
Probation/Parole Contacts	2,279	2,394	↑ Constructive Trend

» Support Homeland Security initiatives.

Response Deployments (BFO)	2018	2019	Trend
SWAT (Special Weapons and Tactics)	58	75	↑ Constructive Trend
MFF (Mobile Field Force)	0	0	↔ Continuing Trend

Motor Carrier Inspections (BFO)	2018	2019	Trend
Port-of-Entry Inspections	4,490	5,551	↑ Constructive Trend

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2018-2023 Strategic Plan–2019 Trends

Goal 3: Leverage technology to improve efficiency, effectiveness and adaptability

» Improve interoperability with voice communications.

Communication Equipment (BNEDI) 2018	2018	2019	Trend
State Owned Communication Sites	70	70	↔ Continuing Trend

» Maximize innovative technologies.

Social Media Contacts (BFO)	2018	2019	Trend
Facebook Followers	0	650	↑ Constructive Trend
Twitter Followers	0	50	↑ Constructive Trend

» Expand utilization of Mobile Architecture for Communications Handling (MACH).

MACH Communication (BTSTS)	2018	2019	Trend
Users	4,279	4,583	↑ Constructive Trend
User Agencies	182	192	↑ Constructive Trend

» Develop robust predictive analytic tools.

Traffic Enforcement Details (BFO)	2018	2019	Trend
Detail Hours (# of 8-hour shifts)	2,976 (372)	5,760 (720)	↑ Constructive Trend

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2018-2023 Strategic Plan–2019 Trends

Goal 4: Recruit, hire and retain a diverse workforce

- » Modernize marketing materials, the Wisconsin State Patrol web site and pursue an annual recruit class.

Recruitment Advertising Expenditures (BFO)	2018	2019	Trend
Media Costs	\$295	\$2,275	↑ Constructive Trend
Brochure and Leaflet Costs	0	\$510	↑ Constructive Trend

- » Expand outreach.

Recruitment Media Contacts (BFO)	2018	2019	Trend
PCRs - Media Interviews (Public Communication Records)	0	18	↑ Constructive Trend

- » Pursue an annual recruit class.

Recruit Class Personnel and Expenditures (BFO)	2018	2019	Trend
Class Candidates	482	730	↑ Constructive Trend
Class Size (Class Alternates)	30 (7)	54 (21)	↑ Constructive Trend

- » Streamline and shorten hiring processes.

Recruit Hiring Schedule (BFO)	2018	2019	Trend
Hiring Process Weeks	31	31	↔ Continuing Trend

- » Utilize targeted recruitment.

Recruitment Contacts (BFO)	2018	2019	Trend
Career Fairs/Events and Open Houses	86	257	↑ Constructive Trend

- » Support career development for all positions and levels.

Training Curriculum (BFO)	2018	2019	Trend
Training Hours	95,447	67,105	↓ Adverse Trend

- » Foster a culture of employee appreciation.

Position Attrition (BFO)	2018	2019	Trend
» Trooper/ Inspector Retirements	18	10	↔ Continuing Trend
» Trooper/ Inspector Resignations	24	28	↓ Adverse Trend

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2018-2023 Strategic Plan–2019 Trends

Goal 5: Build a culture of continuous performance improvement

» Create a commitment to accountability.

Performance Improvement (Division)	2018	2019	Trend
Executive Command Team Surveys	73	56	↔ Continuing Trend

» Develop competent and innovative leaders.

Leadership Plan (BFO)	2018	2019	Trend
Promotions	11	22	↑ Constructive Trend

» Collaborate with those closest to the work to encourage innovation and identify emerging problems.

Personnel Performance (Division) 2018	2018	2019	Trend
Awards	25	56	↑ Constructive Trend
LED Improvement (BFO) 2018	2018	2019	Trend
LED Positions (Law Enforcement Dispatcher)	51	46	↔ Continuing Trend
Fleet Incidents (BFO)	2018	2019	Trend
Trooper/Inspector Crashes	103	60	↑ Constructive Trend
Trooper/Inspector Incidental Damage	5	11	↓ Adverse Trend

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2019 Division Summary

Bureau of Field Operations

Personnel

Total sworn officers 489

Traffic Enforcement

Traffic stops 212,047

Citations 114,528

Warnings 200,379

Motorist assists 41,471

Criminal Arrests and Contacts

Controlled substances 3,574

Warrants 1,234

Other non-traffic 1,012

Probation/parole contacts 2,394

Crash Investigation

Investigations 7,317

Technical Reconstruction Unit

Criminal investigations 109

Non-criminal investigations 138

Crime scene forensic mapping investigations 91

CDR/ECM download and analysis investigations 50

Mechanical inspection investigations 10

Honor Guard Unit

Details 51

Air Support Unit

Manned/Unmanned Deployments 161

K9 Unit

Narcotics/Explosive Deployments 1,283

Mobile Field Force Unit

Deployments 0

SWAT Unit

Deployments 75

Motor Carrier– Vehicle Inspections

Inspections 40,289

Motor Carrier Vehicles Weighed

Portable scales 1,880

Static scales 268,495

Weigh-in-motion 1,804,270

Motor Carrier– Safety Reviews

Compliance reviews 102

New entrant program reviews 632

Academy Training

Academy training course/ program participants 4,982

Bureau of Transportation Safety and Technical Services

Grants

Federally funded traffic safety program grants \$9,679,276

Bureau of Network Engineering and Data Infrastructure

Fleet

DSP Fleet trade 121