

Fleeing Driver Action Plan – Table of Progress – June 2020			
Recommendation	Scope of action	Progress to date	Next phase
<p><b>Recommendation One</b> Police will review the Police Professional Driver Programme (PPDP), including current driver classification systems, to identify opportunities for improving staff understanding and application of Threat-Exposure - Necessity, - Response (TENR) during fleeing driver events.</p> <p><b>High Level Action</b> Review PPDP to ensure it is fit for purpose for enabling staff to effectively manage fleeing driver events.</p> <p><b>Indicative Timeframe</b> October 2020</p>	<p>1.1 Review TENR and fleeing driver components of recruit driver training, specifically whether it adequately addresses decision-making under pressure, communication requirements and protocols, and reporting requirements.</p>	<p>The Fleeing Driver component of recruit driver training has been reviewed. This includes the Threat – Exposure – Necessity – Response (TENR) risk assessment component which is common across all recruit training.</p> <p>Delivery of an enhanced programme began in December 2019. <i>Refer Recommendation 2.1.</i></p> <p>Recruit driver training includes a focus on the application of TENR, which is threaded throughout each lesson. The fleeing driver component includes;</p> <ul style="list-style-type: none"> <li>• Policy / law lesson</li> <li>• Scenario-based training which requires recruits to demonstrate their ability to use the TENR risk assessment and decision-making tool to inform their response</li> <li>• Tyre Deflation Device (TDD) practical and a pass/fail assessment</li> <li>• Fleeing driver communication practice across the practical driving phase, including the pursuit abandonment process</li> </ul> <p>The recruit driver training programme has been updated to reflect the revised policy (December 2020) and refreshed scenarios have been incorporated in both training and assessment.</p> <p>Evaluation and enhancement of the fleeing driver component of the Integrated Tactics week is ongoing. This training focuses on the application of TENR and decision making under cognitive load and culminates with a fleeing driver event at a private test track. It incorporates TDD deployment and pursuit abandonment procedures.</p>	<p><b>Recommendation complete.</b></p>

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	1.2 Review TENR component of PPDP reassessment programme.	<p>The TENR component of the PPDP programme has been reviewed.</p> <p>Police more robustly assesses the TENR risk assessment and decision-making component of PPDP training through both e-learning (theory) and on-road (practical) assessments.</p> <p><b>PPDP E-Learning</b> E-learning has been refreshed to improve clarity and alignment with other components of training.</p> <p><b>PPDP Practical Assessment</b> The competency and assessment criteria for each aspect of PPDP training has been updated to reflect the outcomes sought, namely better decision-making resulting from improved understanding and application of TENR.</p> <p><b>Strengthened PPDP trial</b> A three-month trial of a strengthened PPDP training package was run across the three South Island districts (Te Wai Pounamu). The Fleeing Driver Action Plan (FDAP) Steering Group endorsed the recommendations of the programme evaluation. This has been socialised with all PPDP instructors, with trainers being upskilled at a national hui in March 2021.</p> <p>Te Wai Pounamu trainers have continued to deliver the strengthened training. This is in the process of being embedded nationally.</p>	<p><b>Recommendation complete.</b></p> <p><i>PPDP police instructions are being reviewed and updated to ensure alignment with associated policy and training.</i></p>
	1.3 Review PPDP silver/gold driver classification and whether it is fit-for-purpose for enabling staff to safely and effectively pursue fleeing drivers.	<p>The PPDP silver/gold classifications of the PPDP have been reviewed.</p> <p>A person with a Silver driver classification may undertake urgent duty driving and may engage in a pursuit if supervised by a person holding a Gold driving classification. A person holding a Gold driver classification may engage in pursuits.</p> <p>PPDP training and assessment has been strengthened and updated. Police drivers are required to demonstrate their ability to make sound decisions, before, during and after a fleeing driver event. They are required to pass both the theoretical and practical aspects of PPDP to achieve a Gold driver classification.</p> <p>A process for remedial training and reassessment has been developed for drivers who fail the PPDP assessment, but whose role requires them to hold a Gold driver classification.</p>	<p><b>Recommendation complete.</b></p> <p><i>PPDP online training is being reviewed. It is anticipated the updated training will be available to staff in the final quarter of 2021.</i></p>

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<p><b>Recommendation Two</b> Police will improve the skills, knowledge and experience of all staff involved in fleeing driver events, through different learning channels, to enable robust decision-making and support the effective management of events.</p> <p><b>High Level Action</b> Enhance the quality and quantity of training to improve staff management of Fleeing driver events.</p> <p><b>Indicative Timeframe</b> October 2020</p>	<p>2.1 Provide more extensive fleeing driver event training with a specific focus on: risk assessment and decision-making, pursuit commentary and radio discipline, TDD use, and inquiry phase.</p>	<p>An assessment of current fleeing driver event training has been completed.</p> <p>Recruit driver training has been enhanced as follows;</p> <ul style="list-style-type: none"> <li>• All recruits from wing 343 onwards complete the new online fleeing driver training before they attend the fleeing driver theory lessons.</li> <li>• Five hours of theory lessons, which includes Tyre Deflation Devices (TDD) and Urgent Duty Driving (UDD) policy, TDD practical learning, and the application of TENR risk assessment and decision making to fleeing driver scenarios.</li> <li>• Every recruit completes a fleeing driver practical scenario in the operational environment at road speed. They are provided with job details and must provide a TENR risk assessment before initiating a pursuit, during the pursuit and then again when the scenario ends, or the pursuit is abandoned. This addresses pursuit commentary and radio protocol.</li> </ul> <p>Action taken to enhance PPDP training and assessment is detailed under <i>Recommendations 1.2 and 1.3</i>.</p> <p>TDD use is addressed under <i>Recommendations 2.7 and 2.8</i>.</p> <p>All fleeing driver offences have been categorised as 'critical' for investigation to identify the driver and hold them to account. The revised policy incorporates an Investigation Practice Guide.</p> <p>The online training package for fleeing drivers was released in December 2020 to support the introduction of the revised policy. To date, 98% of staff required to complete this training have done so.</p> <p>Face-to-face training is continuing in Districts. District Champions are taking the lead for ensuring attendance, participation, and ensuring Success Factors training records are being updated.</p> <p>Interactive sessions on managing fleeing driver events were included in the national Emergency Communication Centre hui for Team Leaders and Shift Commanders.</p>	<p>Completion of the online fleeing driver training will be an annual requirement for all constabulary and Emergency Communications Centre staff. A review of course content will be commenced, with the next iteration of online training being delivered in the final quarter of 2021.</p> <p>Fleeing driver training will then be embedded into core business, becoming a curriculum item which must be completed as a requirement for deployment.</p> <p>PPDP online training is in the process of being reviewed. It is anticipated the updated training will be available to staff in the final quarter of 2021.</p>

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	<p>2.2 Explore the relative delivery effectiveness and efficiency of different learning channels – for example, refresher training, line-ups, debriefs, review of footage from Air Support Unit. Increase the use of scenario-based training.</p>	<p>Multiple learning channels are being used to engage with and deliver training as detailed below.</p> <ul style="list-style-type: none"> <li>Recruit driver training – <i>refer Recommendations 1.1 and 2.1.</i></li> <li>Police Professional Driver Programme - <i>refer Recommendation 1.2.</i></li> <li>Scenario development – <i>refer Recommendation 2.3.</i></li> <li>A Fleeing Driver question bank has been developed for use in the Police Integrated Tactical Training (PITT) programme. These questions help develop the ability of staff to make sound decisions under cognitive load.</li> <li>Probationary Constables Workplace Assessments have been revised to include scenario-based content focused on the application of TENR risk assessment and decision making to fleeing driver events, as well as testing knowledge of policy and procedure.</li> <li>Key messaging about decision-making and TENR considerations in relation to fleeing driver events is accessible by staff via the Checkpoint application on their mobility devices.</li> <li>An online training package is available for staff to complete on a desktop or laptop computer, or on their mobility device.</li> <li>Access to view completed fleeing driver notifications has been provided to all staff at the rank of sergeant and above. This enhances the ability for supervisors to maintain oversight over fleeing driver events and provide appropriate guidance and feedback to staff.</li> <li>A TenOne page (internal intranet) has been established to address frequently asked questions and provide staff with access to training delivery resources, intelligence reports and research, and the video library.</li> <li>Delivery of face-to-face training for experienced dispatchers, team leaders, and shift commanders in the Emergency Communications Centre has been completed. <i>Refer Recommendation 2.6.</i></li> <li>Face-to-face training is continuing in Districts. District Champions are taking the lead for ensuring attendance, participation, and ensuring Success Factors training records are being updated.</li> </ul>	<p>Video interviews with staff are being progressed. The intention is to use these in training material to ensure operational and Emergency Communication Centre staff have an understanding and appreciation of the role each person plays in the safe management of fleeing driver events. <i>Refer Recommendation 2.5.</i></p> <p>Internal media is being used to highlight and promote good practice. This includes articles on the internal intranet, district newsletters, the Lessons Learnt database and the Command Centre briefing document.</p>
	<p>2.3 Develop TENR training scenarios, including Comms Centre scenario and roles for frontline staff.</p>	<p>Twenty scenarios spanning various levels and complexity have been developed to thread across all learning channels, training, and assessment to ensure consistent messaging.</p> <p>Scenarios focus on appropriate TENR risk assessments and decision-making and applying this in the operational context. Model responses align with legislation, the revised Fleeing Driver policy, and good practice identified through lessons learned.</p> <p>Scenarios introduced into the strengthened PPDP certification and recruit training provide an integrated and realistic assessment tool, as well as a useful mechanism for discussion and reflection.</p>	<p><b>Recommendation complete.</b></p> <p><i>Additional work is underway to explore how scenarios could be integrated into the Police Integrated Tactics Training (PITT) programme.</i></p>

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	2.4 Investigate the feasibility of introducing simulator training.	<p>Initial discussions were had with three New Zealand companies who advised they could provide screen simulator training for law enforcement urgent duty driving and pursuit events.</p> <p>Police observed and assessed the FAAC simulator used by other law enforcement jurisdictions in various training environments, including both recruit training and in-service training. Two additional simulators were viewed at the IACP Conference in the United States.</p> <p>An assessment of available virtual reality (VR) technology was completed.</p> <p>A cost-benefit analysis of investing in screen simulators concluded that greater benefit will be gained from emerging VR technology.</p>	<p><b>Recommendation complete.</b></p> <p><i>Note: The Royal New Zealand Police College (RNZPC) has secured talent from the tertiary education industry and has commenced development of test products to advance the VR option for Police across the entire suite of tactical decision-making settings. It is expected there will be significant progress made in this domain over the following 12 months.</i></p>
	2.5 Investigate opportunities for Comms and frontline staff to get on-the-job experience of the other's role.	<p>The framework for delivering fleeing driver event training across the Emergency Communications Centres includes a recommendation that dispatcher training incorporates a 'ride-along' with operational staff as part of the initial course, and then again within three to six months post-training. <i>Refer Recommendation 2.6.</i></p> <p>Air Support Unit (ASU) and shift commanders in Auckland have created informal ride-along opportunities.</p> <p>Frontline staff in Auckland, Wellington and Christchurch can gain first-hand experience in the Communications Centre on an informal basis.</p>	<p>A series of short videos documenting the role of the Emergency Communications Centre (ECC) around fleeing driver events will be incorporated into the Probationary Constables Workplace Assessment programme. This will ensure consistency of messaging and maximise learning.</p> <p>This resource will also be accessible through the Fleeing Driver TenOne page.</p> <p>Content is focused around:</p> <ul style="list-style-type: none"> <li>• Our people; different skills, same team, same end goal</li> <li>• Role and responsibilities of ECC staff, and how they work together with operational staff to safely manage fleeing driver events</li> <li>• Communication aligned with our values</li> <li>• Demonstrating what good looks like</li> </ul>
	2.6 Enhance Comms training and frequency for dispatchers and pursuit controllers to improve understanding of frontline roles, responsibilities, and decision-making during events.	<p>A review of training provided to dispatchers, team leaders and shift commanders identified opportunities to strengthen training.</p> <p>National workshops have been facilitated with Emergency Communication Centre shift commanders and team leaders, with a focus on the key principles of the Fleeing Driver policy, the application of TENR to inform risk assessments and decision making, and effective control and command.</p> <p>Fleeing driver event management training has been developed to provide nationally consistent content and training delivery across the three Emergency Communication Centres.</p> <p>Training packages have been developed for new dispatchers, as well as experienced dispatchers, team leaders and shift commanders. The revised fleeing driver component is now embedded in the dispatcher training programme.</p> <p>Delivery of face-to-face training for experienced dispatchers, team leaders, and shift commanders has been completed. Delivery to the collective audience reinforced the policy principle that 'All staff share a collective responsibility to achieve the common purpose of ensuring the fleeing driver event is managed as safely as possible'.</p> <p>Interactive sessions on managing fleeing driver events were included in the national Emergency Communication Centre hui for Team Leaders and Shift Commanders.</p>	<p>Alternative solutions to operational ride-alongs are being explored to provide Emergency Communications Centre staff with a consistent user experience to maximise learning. <i>Refer Recommendation 2.5.</i></p>

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	2.7 Strengthen Tyre Deflation Device (TDD) training and identify opportunities for ensuring staff are confident and competent in using the devices.	Updated TDD training is being delivered as part of recruit driver training detailed in <i>Recommendation 2.1</i> .  The use of TDDs as a tactical option has been incorporated into the strengthened PPDP training and assessment approved for national delivery. <i>Refer Recommendation 1.2</i> .	<b>Recommendation complete.</b>  <i>Note: Procurement of remote deployed TDDs will necessitate additional training. This will fall outside the scope of this programme but will be addressed as part of the distribution phase of the TDD Project. Refer Recommendation 7.4</i>
	2.8 Develop best practice for use of TDDs, drawing on international practice and experience.	A Pursuit Management Technologies briefing paper was presented to the Steering Group for consideration in December 2019.  This paper explores TDD use in international jurisdictions, as well as alternative technology available.  Answers to Frequently Asked Questions about TDD deployment have been developed and disseminated to develop a shared understanding between operational and Emergency Communications Centre staff.	Development of good practice in relation to remote deployed TDDs will be commenced once the tender has been awarded for the preferred device. <i>Refer Recommendation 7.4.</i>  Given the legal challenge delaying the procurement of TDDs, consideration will be given to reviewing the TDD policy prior to the new devices being purchased.
<b>Recommendation Three</b> Police will review the policy against the findings of the Review and make any necessary adjustments to the fleeing driver policy and standard operating procedures to ensure that they remain fit-for-purpose and support the effective management of fleeing driver events.  <b>High Level Action</b> Ensure the policy is fit for purpose in light of the Review findings  <b>Indicative Timeframe</b> July 2019	3.1 Create a new pursuit warning given by the dispatcher at the commencement of a fleeing driver event, based on the TENR risk assessment framework, with specific standardised questions which address threat and the necessity to pursue.	Staff are required to communicate the initial reason for signalling the driver to stop, as this informs the TENR risk assessment and decision making of the dispatchers and pursuit controllers.  If a pursuit is deemed to be justified, the pursuit is acknowledged, the dispatcher confirms the Emergency Communication Centre has command and reiterates that safety is our priority.	<b>Recommendations complete.</b>  <i>The revised policy was published on Wednesday 9 December 2020. Multiple learning channels are being used to upskill staff to ensure operational practice aligns with policy. Refer Recommendation 2.</i>
	3.2 Assess the proposal to empower dispatchers to direct abandonment of a fleeing driver event up until the point at which the Pursuit Controller takes command of the event.	The Fleeing Driver policy has been amended to provide dispatchers with authority to abandon pursuits where a TENR risk assessment has not been supplied, and where the TENR risk assessment is insufficient to justify a pursuit.	
	3.3 Specify that a one-person unit should be replaced by a two-person unit as soon as practicable to facilitate sharing of the mental task (driving and communication).	This has been included in the revised policy to enhance safety.	
	3.4 Confirm that District Command Centres have no command over fleeing driver events.	This has been included in the revised policy to provide clarity of command.	
	3.5 Require the person abandoning a fleeing driver event to broadcast to all units their reason for abandonment.	This has been included in the revised policy to ensure all staff have a shared understanding of the reason for abandonment.	

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<p><b>Recommendation Four</b> Police will investigate allowing units to undertake a non-compliant vehicle stop on offending vehicles that have been successfully spiked and are travelling at low speeds, to mitigate risks and improve the safe resolution of fleeing driver events.</p> <p><b>High Level Action</b> Investigate the introduction of limited non-compliant vehicle stops.</p> <p><b>Indicative Timeframe</b> October 2020</p>	4.1 Undertake a review of international current practice for non-compliant vehicle stops for fleeing vehicles with deflated tyre(s).	The review has been completed and was used to inform the discussion document and options paper that were considered by the Steering Group.	<b>Recommendations complete.</b>
	4.2 Assess the feasibility of introducing this option, including the costs, benefits, risks and training implications.	<p>This piece of work has significant resource, training, policy and health and safety implications.</p> <p>The Armed Offenders Squad (AOS) and Special Tactics Group (STG) are currently trained and authorised to use this tactic.</p> <p>Police has made an interim decision that extending the use of non-compliant vehicle stops beyond AOS and STG has potential to create an unacceptable level of risk, and therefore is not supported.</p>	
<p><b>Recommendation Five</b> Police will strengthen the accountability mechanisms of fleeing driver events, including improvements to post-event follow up, district review, and national oversight processes.</p> <p><b>High Level Action</b> Strengthen oversight of fleeing driver events.</p> <p>Improve post-event accountability processes.</p> <p><b>Indicative Timeframe</b> October 2020</p>	5.1 Create a new CARD/NIA event code for a fleeing driver event.	<p>Use of the existing 'PURSUIT' event code in the Computer Aided Response and Dispatch (CARD) system has been endorsed.</p> <p>An update to the CARD system and National Intelligence Application (NIA) was implemented in March. The effect of this update is that once a fleeing driver event is resulted either as reported (K6) or arrest (K9), this event will transfer from the CARD system used by Police Communications, into NIA, enabling the creation of an investigation file.</p>	<p><b>Recommendation complete.</b></p> <p><i>Work is underway to replace the 'PURS' code used in the CARD system with 'FLEE'. This is a more intuitive code to report all fleeing driver events, and encompasses those events where the police response is to pursue.</i></p>
	5.2 Introduce a requirement for officers to result the event as reported (K6) or arrest (K9), record the event in NIA and complete follow-up inquiries if appropriate.	<p>This requirement has been included in the revised Fleeing Driver policy.</p> <p>Dispatchers have been advised to only result fleeing driver events as either reported (K6) or arrest (K9). The Emergency Communications Centre standard operating procedures have been updated.</p> <p>The Responder application available to Police personnel via their mobility devices has been upgraded, meaning police can record each fleeing driver event as either resulting in an arrest, or requiring follow up enquiries.</p> <p>A nationally consistent investigation process has been developed, with an Investigation Practice Guide incorporated into the revised policy.</p>	<b>Recommendation complete.</b>
	5.3 Review the current fleeing driver notification form to ensure it remains fit-for-purpose. Enable the recording of additional event characteristics in the event notification, such as passenger details, the number of TDDs deployed (and their effectiveness), and the NIA file number.	<p>Minor modifications have been made to the existing notification form to improve data capture, quality, and alignment with other policies as an interim solution while new fleeing driver reporting is being developed. Additional event characteristics will be incorporated into the new reporting.</p> <p>The Police Information and Communications Technology (ICT) team has commenced development of the new Fleeing Driver Report. <i>Refer Recommendation 5.5.</i></p>	<b>Recommendation complete.</b>

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	5.4 Assess the benefits of transferring the fleeing driver policy to Response and Operations Group, to ensure alignment and consistency with the tactical options accountability framework.	<p>After considering an options paper assessing the benefits of transferring the Fleeing Driver policy to Response and Operations, the Steering Group made the decision that the policy would remain with the Road Policing workgroup.</p> <p>To achieve greater visibility and closer alignment with the tactical options framework, a link has been added to the navigation section of the 'Operations, Prevention and Emergency Response' section of Police Instructions. This means Police staff can access the Fleeing Driver policy from the same location as all other tactical options policies.</p>	<b>Recommendation complete.</b>
	5.5 Assess the benefits of incorporating the fleeing driver notification form into the tactical options reporting database.	<p>The Fleeing Driver notification form will be migrated onto the Business Process Manager (BPM) platform, which will include all tactical options reporting.</p> <p>The new reporting process being developed aligns Fleeing Driver reporting with Tactical Options Reporting (TOR). Consistency of reporting process and supervisory review across both fleeing driver events and TOR is a key objective.</p> <p>The Police Information and Communications Technology (ICT) team has completed the operational units' workflow process and is continuing to develop the supervisor reviewers' user interfaces and data structures.</p>	<p>Work will continue to amalgamate multiple workflows into meaningful and intuitive supervisor review panels.</p> <p>Investment of resource into upgrading the current fleeing driver notification to enhance reporting has impacted on delivery timelines. It is anticipated the new BPM reporting will be available to operational staff in late Q3 / early Q4 2021.</p>
	5.6 Assess the feasibility of introducing the ability for District Reviewers to review the Comms audio recording as part of their review process.	<p>This has been included in the revised policy.</p> <p>Testing has been successfully carried out to attach Emergency Communication Centre audio files to the new fleeing driver reporting under development. <i>Refer Recommendation 5.5.</i></p>	Further testing is required for different file types and sizes.
	5.7 Establish a mechanism for national oversight of fleeing driver events.	<p>Two alternative options have been explored.</p> <ol style="list-style-type: none"> <li>1. Combine the existing District Professional Driving Panels with the existing Professional Conduct Categorisation Committees. Professional Conduct decisions are already moderated nationally and could include road policing subject matter experts.</li> <li>2. Establish a National Driving Panel to review Police crashes, excess speed and fleeing driver events.</li> </ol>	<p>The disciplinary process currently being piloted is unlikely to provide sufficient national oversight of fleeing driver matters.</p> <p>Police have requested information from international jurisdictions to inform an options paper detailing alternative solutions.</p>
<b>Recommendation Six</b> Police will review the Air Support Unit's (Eagle) involvement in the management of fleeing driver events and clarify the role that they play if necessary.  <b>High Level Action</b> Review the role of Air Support Unit during fleeing driver events.	6.1. Review the current role of Air Support Unit in the command and control structure.	The current role of the Air Support Unit (ASU) in relation to command and control of a fleeing driver event has been reviewed. Consideration was given to what opportunity there was for the role of the ASU to be formally extended.	<b>Recommendation complete.</b>
	6.2. Identify opportunities where the role of the Air Support Unit could be formally extended – for example, empowering authorised follows.	<p>Steering Group confirmed that ASU should not hold command or control powers and agreed in principle to the introduction of an authorised covert observation phase.</p> <p>These decisions are reflected in the revised policy.</p>	

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<p><b>Recommendation Seven</b> Police will explore ways of improving Communication Centre's access to real-time information, including through the potential adoption of new technology, and in partnership with our sector partners.</p> <p><b>High Level Action</b> Identify and explore opportunities to use technology to enhance the management of fleeing driver events.</p> <p><b>Indicative Timeframe</b> October 2020</p>	7.1. Identify opportunities to livestream external CCTV footage into Comms Centres.	<p>Footage from the ASU is now live streamed into the Emergency Communication Centre, District Command Centres and the National Command and Coordination Centre. This footage is not integrated into the CARD map but is accessible from a standalone computer.</p> <p><b>Collaborative Partnerships</b> Discussions are continuing in relation to establishing a live video feed from ATOC cameras into the new Emergency Communications Centre based at Harlech House, Auckland. This initiative would allow Police to manage incidents on the network remotely and provide a clearer understanding of real time incidents.</p>	<p><b>Integration of live CCTV feeds</b></p> <p>The service provider identified the proposed solution to integrate publicly accessed live CCTV feeds onto the CARD map was going to be difficult to maintain. Working with FENZ and NZTA, an improved solution has been identified where publicly accessed CCTV feeds and other NZTA cameras could be integrated into the CARD map providing benefits to all three agencies. This project is still in the discovery phase.</p>
	7.2. Explore the option of upgrading the down-link technology on the Air Support Unit to reduce current delays in video signals to Comms Centre.	The down-link technology has been upgraded and is operational. Real-time video footage is being downloaded from ASU to Police Communications, District Command Centres and the National Command and Coordination Centre.	<b>Recommendation complete.</b>
	7.3. Investigate the use of location technology for National Communications incident resource deployment and management during events.	<p>Police has looked further into the Deployment and Safety (DAS), and Situational Awareness Mapping (SAM) systems, and the extended use of telematics. Police has also researched the potential for additional functionalities to provide more technological options and solutions.</p> <p>Telematics are in the process of being installed in the Police fleet, however the current functionality is limited. No accurate 'live' tracking locational data is captured or recorded.</p>	Police's current ability to retain location data from the vehicles is limited by data storage and infrastructure, and budgeting for design, implementation, and maintenance. Police are currently developing a data management strategy that will allow for suitable management of retained data.
	7.4. Investigate the availability of additional technology that could help strengthen the management of fleeing driver events (e.g. dash cameras)	<p><b>Augmented Reality Mapping (ARM)</b> Three augmented reality mapping systems have been procured for the Air Support Unit based in Auckland. The systems have been installed in the ASU helicopters and are operational.</p> <p><b>Drone technology</b> An evaluation has been undertaken to ascertain whether suitable drone technology exists that could be used to replicate the benefits of the ASU in a more cost-effective way. The evaluation report identified that due to current limitations of RPAS technology (low maximum speed, limited endurance) and restrictions on use (Civil Aviation Rules), RPAS are unsuited to tasks such as pursuing fleeing drivers.</p> <p><b>Remote controlled tyre deflation devices</b> Procurement of remote-deployed TDDs has been approved in principle by the Police Executive. The tender process and initial testing are complete, with a preferred supplier identified. Additional work is required to confirm the device will fit in both the current fleet and the new Skodas, and can be positioned so they are easily deployable.</p>	<p>Complete.</p> <p>Complete.</p> <p>Complete.</p> <p><i>The rollout of these devices falls outside the scope of this programme of work and is part of the Tyre Deflation Device (TDD) Project.</i></p> <p><i>The TDD Project is currently on hold pending legal advice. Ownership of the device design has been disputed by two overseas companies. This prevents Police from procuring devices from either provider until ownership is established. Police are taking legal advice to understand the future impact and timeframes. Currently there is no alternative device that meets operational requirements.</i></p>

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		<p><b>Vehicle arrest system</b></p> <p>The Pursuit Management Technologies paper was presented to the Steering Group in December 2019. Several options were considered, with the Group endorsing the recommendation to further investigate the use of a vehicle arrest system, more commonly referred to as 'nets'.</p> <p>This technology has the capability to deal with scenarios including pursuit management, control of vehicle entry and exit points, and setting up mobile checkpoints. The net envelops the front tyres and stops the wheel rotation, bringing the vehicle to a rapid controlled stop.</p>	<p>A business case is being drafted for final approval to proceed with a pilot trial of Vehicle Arrest Systems (Nets) across Tamaki Makaurau, Canterbury, and Wellington Police districts. Procurement of four nets, plus two training nets, is being proposed.</p> <p>It is anticipated the trial nets will be procured in the second half of 2021 if the business case is approved.</p>
<p><b>Recommendation Eight</b> Police will commission further research and analysis of fleeing drivers to improve our understanding of drivers' motivations for fleeing, including a focus on young people and alcohol/drug impaired drivers.</p> <p><b>High Level Action</b> Improve understanding of fleeing driver offenders.</p> <p><b>Indicative Timeframe</b> October 2020</p>	<p>8.1. Commission research provider to undertake research/behavioural insights work, looking at the behaviours/motivations of specific cohorts of fleeing drivers – including young people, and those with drug, alcohol and/or mental health issues.</p>	<p>1. Research Question: What can the literature on young people's general driving behaviour and their perception of Police tell us about their likely motivations to flee Police?</p> <p>The research report has been provided to the Minister's office, the IPCA and publicly released.</p> <p>2. Research Question: What role does media (both traditional and social) play in public perceptions of fleeing driver events, particularly for at-risk offenders, but also for the general public?</p> <p>3. Research Question: Why do people say they flee Police?</p> <p>The Evidence Based Policing Centre (EBPC) engaged an external researcher to complete research tranches two and three. These papers were completed in November 2020.</p> <p>The research reports have been provided to the Minister's office, the IPCA and publicly released.</p> <p>4. Research Question: What is the relationship between drivers offending and their likelihood of fleeing Police?</p> <p>Research tranche four was finalised in December 2020.</p> <p>The research report has been provided to the Minister's office, the IPCA and publicly released.</p> <p>5. Research Question: What are the most effective mechanisms for interventions to reduce fleeing driver events?</p> <p>Research tranche five was finalised in December 2020.</p> <p>The research report has been provided to the Minister's office, the IPCA and publicly released.</p>	<p><b>Recommendation complete.</b></p> <p><i>A paper summarising key research findings was prepared.</i></p> <p><i>The Research Advisory Group, (including representatives from Oranga Tamariki, the Office of the Children's Commissioner and Corrections) reviewed the key research findings and explored how these findings could be turned into action.</i></p> <p><i>Oranga Tamariki (OT) identified an opportunity to develop a programme to deliver in youth residences to educate and empower our tamariki to make more informed, safer choices. This work is being progressed, with representatives from the OT programmes and employment teams taking the lead.</i></p> <p><i>The research summary paper has been considered by the FDAP Steering Group, with recommended actions categorised for progress.</i></p>

Recommendation	Scope of action	Progress to date	Next phase
	8.2. Improve the use of post-event interviews with fleeing drivers.	<p>6. Research Question: How can the information from post-event interviews of fleeing drivers be better used by Police?</p> <p>A fleeing driver intelligence interview template has been trialled in four districts. Feedback and results from the operational trial were collated in September, with the formal evaluation likely to be completed in February 2021.</p> <p>The EBPC evaluation of the trial has been completed.</p>	<p><b>Recommendation Complete</b></p> <p>Police is working with the Office of the Children's Commissioner to develop best practice guidelines when conducting intelligence interviews with children and young people.</p> <p>Once recommendations arising from the evaluation have been finalised, the paper will be considered by the Fleeing Driver Action Plan Steering Group.</p>
		<p><b>Additional Research</b></p> <p>The National Prevention Centre commissioned an external research company to specifically examine the youth experience of fleeing driver events. There are four phases to this project.</p> <p>Rangatahi who had participated in fleeing driver events provided their experiences and perceptions of these events to develop a collective understanding of why they get into cars, why they choose not to stop for Police and what happens after the event has ended.</p> <p>In phase two a second interview was conducted with rangitahi to examine the findings from phase one and explore potential solutions from a youth perspective.</p> <p>Police is examining the data and presenting their views on the youth perspective gathered through the interviews. During this phase rangitahi and members of Police worked to build relationships as a foundation for the final phase.</p> <p>Phase four will be a collaboration of rangitahi and New Zealand Police staff with the aim of producing co-designed strategies to reduce youth offending, injury, and death.</p>	<p>Interviews are currently being conducted with both rangitahi and Police for the purpose of developing and strengthening research recommendations.</p>