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Paper Title: *Intelligence led delivery of additional mobile speed camera enforcement hours in Victoria.*

Author: Superintendent Neil Paterson
Road Policing Enforcement Division
Victoria Police
Ph: 03 92244306
Email: neil.paterson@police.vic.gov.au

Practitioner Paper:

In November 2008 the Victorian Government announced that the Victorian Mobile Speed Camera program would receive an extra 3000 hours per month for enforcement, to be fully implemented by December 2009. This would bring the total available mobile speed camera enforcement hours to 9300 hours per month for the State. 2000 of these hours were allocated to local Traffic Management Units with a focus on the top ten Police Service Areas (PSA's) represented in road trauma statistics. The further 1000 hours are allocated centrally from the Traffic Camera Office through tasking to Mobile Special Operations (MSO) and used to proactively focus on special events and areas of ongoing concern.

The Traffic Camera Office, Information Management Unit, maintains a full calendar of events which attract considerable members of the driving public. These events include interstate events where intelligence shows a significant Victorian contingent travel to the event. By way of example, these events include:

- Phillip Island Moto GP
- Rip Curl Pro
- Formula 1 Grand Prix
- Apollo Bay Music Festival
- ChillOut Festival
- Port Fairy Folk Festival
- Robinvale Euston 80's Ski Race
- Carnivale Wodonga Spice

- Clipsal 500 (V8 Super car) (S.A.)
- Super Sedan Championship (S.A.)
- School Holiday Periods
- Long weekends
- Public Holidays
- Snow Season
- Bathurst (New South Wales)
- Murray Bridge Race Day (S.A.)
- Great Southern Steeple Chase
- Hells Angels Ride

Across the State of Victoria we have just over 2600 mobile speed camera locations. With any particular special event, rostering of mobile camera sites is prepared on an intelligent basis, knowing which major roads are travelled on to attend the event.

The MSO component of the Mobile Speed Camera roster commenced with 500 hours in October 2009 and came to full capacity with 1000 hours in November 2009. The MSO consists of a mobile force of eleven (11) Digital Mobile Speed Camera vehicles and targeted deployment remains intelligence led to focus on emerging areas of high road trauma and known special events that have a history of associated road trauma.

This intelligence focus is informed through consultation with local Traffic Management Units, road trauma statistics and consideration of the calendar of events both within Victoria and across state borders with South Australia and New South Wales.

For the months of January to May 2010, the level of speed compliance for MSO shifts was 98.74%. This compliance is slightly higher than the remainder of the 8300 mobile camera hours for the State for the same period which was 98.36%.

Mobile Special Operations January to May 2010

Month	MSO Assessed	Detected	%Compliance
JAN	489,166	6,317	98.71%
FEB	273,476	3,641	98.67%
MAR	306,348	4,257	98.61%
APR	433,207	4,018	99.07%
MAY	469,467	6,669	98.58%
Grand Total	1,971,664	24,902	98.74%

This equates to approximately 60,000 drivers a year who are infringed from the Mobile Special Operations 1000 hours/week operation. Part of the reason for the slightly higher compliance rate is believed to be as a result of the media associated with the events. We proactively warn motorists that we will be targeting traffic heading to certain events, both through the State based news media and also local news media.

Normal Mobile Camera Operations

January to May 2010

Month	Non MSO		
	Assessed	Detected	%Compliance
JAN	3,530,260	60,641	98.28%
FEB	3,456,679	53,075	98.46%
MAR	3,530,928	58,401	98.35%
APR	3,380,315	53,825	98.41%
MAY	3,292,120	56,669	98.28%
Grand Total	17,190,302	282,611	98.36%

The remaining 2000 hours are allocated to the top 10 PSA's in the State for road trauma. The Police Service Areas are responsible to undertake contemporary analysis on their road trauma statistics and then these 2000 hours are divided amongst them in an extra effort to reduce speeding in those high road trauma areas.

These 2000 hours are used in conjunction with other road policing strategies to saturate a Police Service Area both to increase police visibility, slow traffic and reduce road trauma. In Police Service Areas which were provided the extra hours in the first 6 months of operation, we have seen them either decrease in the top 10 list or drop off that list. Whilst full analysis is yet to be finalised, this suggests that the targeted use of extra mobile camera hours is having an impact.

The present top 10 PSA's for road trauma are:

- | | |
|-----------------|--------------------------|
| 1. Melbourne | 6. Greater Geelong |
| 2. Yarra Ranges | 7. Yarra |
| 3. Hume | 8. Moreland |
| 4. Mitchell | 9. Wyndham |
| 5. Casey | 10. Mornington Peninsula |

The Future

Whilst we presently allocate 9300 mobile speed camera hours across the State, using 100 vehicles across 2600 approved sites, we are presently limited in site selection due to camera technology. All our mobile speed cameras are now digital cameras but are using radar technology. This current technology has limitations and many road trauma sites are not suitable for mobile camera deployment due to interference in the local environment.

Victoria is presently trialling laser mobile speed camera technology and we anticipate our first camera to be operational in October 2010. Laser technology will remove some of the present limitations and allow Victoria Police to better align camera locations to high road trauma locations.