VACISHEET 2 - GPS ELECTRONIC MONITORING

Key Points

EM is not a stand-alone system but rather compliments the extensive supervision already in place.

GPS will provide the ability to locate and track movements of offenders subject to supervision orders outside of their home residence.

GPS will provide improved responses to breaches of release conditions (exclusions zones, movement restrictions and curfews).

GPS will provide improved information to inform and guide the case management process.

Current Electronic Monitoring System

RF Monitoring

Radio Frequency

The current electronic monitoring system utilises radio frequency (RF) communication between a tamper-resistant anklet and a stationary unit at the offender's residence to alert the central monitoring station (CMS) via a telephone line when an offender is within the immediate vicinity. This system provides alerts when an offender is not within the home residence during set curfew times however it cannot provide any information regarding the offender's movement once the home residence has been departed. Offenders with electronic monitoring are currently monitored by the Electronic Monitoring Surveillance Unit (EMSU) that is based in South East Queensland.

GPS Monitoring System

The Global Positioning System (GPS) is a space-based global navigation satellite system (GNSS) that provides location and time information through the use of satellites. The GPS system allows for multiple curfew and location restrictions to be configured and programmed and will provide an alert to the CMS when any of these programmed restrictions are breached. The GPS system also has the capability to return to the home residence when any of these programmed restrictions are breached. The GPS system also allows the offender to return to the home residence safely once the restrictions have been adhered to.

GPS Devices

QCS has two different GPS devices for deployment.

2-Track Device

The 2-Track device consists of the identifying device which can be worn on the wrist or ankle and a handheld tracking device which can be used to communicate with the EMSU and also provide audible alarms when a curfew or location restriction condition is breached.

Current Electronic Monitoring Frequency - Radio

- GPS will provide improved information to inform and guide the case management process.
- GPS will provide improved responses to breaches.
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Electronic Monitoring

HIGH RISK OFFENDER MANAGEMENT UNIT
Queensland Corrective Services

FACT SHEET

The 2-track device requires the offender's cooperation in:

- Message acknowledgement;
- Carrying and operating the handheld device; and,
- Charging.

Alerts are configured and programmed to individual curfew schedules and location restrictions.

The i-track device is a self-contained single piece device which is worn around the ankle. A local unit is located within the offender's home which acknowledges offenders' presence upon arrival. The unit provides communication to the offender through LED lights and vibrating alerts. The device is charged via a standard charging unit, similar to a mobile phone charger, with a magnetic coupling used to connect the charger to the unit.

Alerts are configured and programmed to individual curfew schedules and location restrictions.

1-track Device

Charging the unit:
- "Charge" is displayed on the handheld device.

2-track Device

Message acknowledgement respectively:
- "Message acknowledged".

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