

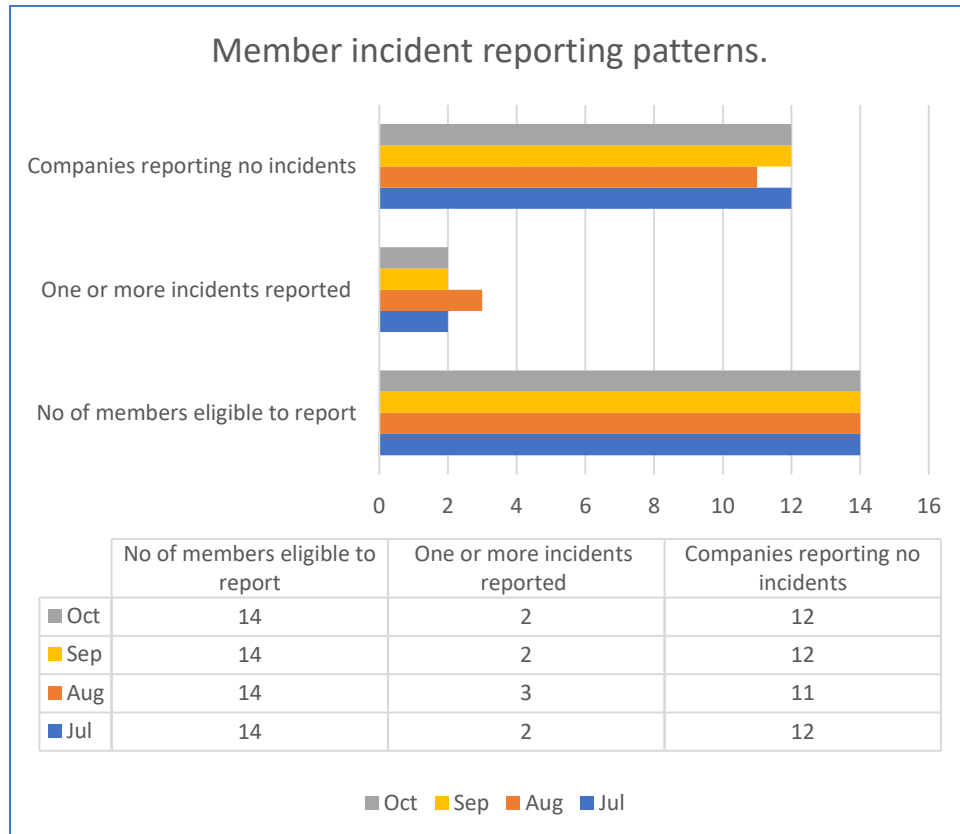


Safety Monitoring System

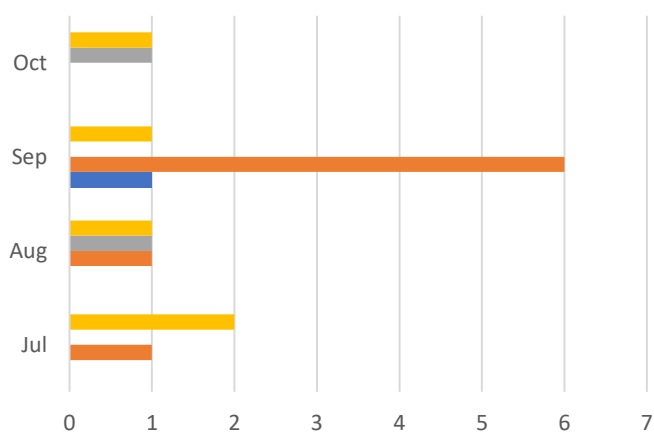
Incident reporting 2018-19

Last month included October 2018

Summary



Number of type of incident reported by month of occurrence



	Jul	Aug	Sep	Oct
■ Injury to person or persons	2	1	1	1
■ Occurrence of damage or harm		1		1
■ Near miss	1	1	6	
■ Count of Identified risk			1	

Note each incident may contain more than one type

List of incidents

IDENTIFIED RISK

July

None reported

August

None reported

September

Incident Date

02 Sep 2018

Incident description

A worker who had just changed a tyre was trying to move a bottle jack with their feet. They had half of their body under the vehicle at the time whilst another worker was performing pre start checks on the vehicle with keys in the ignition. Whilst both workers were behaving in a safe manner and mindful of each other, the situation was reported as a hazard in order to review and consider safer practices.

Types of incident

✓ Identified risk

Operational phase

Surveying

Survey type

✓ MT

Human and system factors

✓ Misjudgement of risk (a person underestimated the level of risk in a task or operation)

Contributing factors

✓ Lifting equipment (failure of or lack of control associated with lifting equipment e.g. vehicle jack unstable)

Mechanism of injury factors

Lost person hours

0

Number of persons injured

0

Injury event

The following section is required where one or more persons have suffered an injury, no matter how minor, as a result of this incident.

Treatment type

Body part injured

Nature of injury

Number of persons with permanent disabilities

0

Number of hospital inpatient days

0

Number of fatalities

0

COMMENT Vehicle jacking is regularly reported as an operation that can easily lead to injury and damage

October

None reported

NEAR MISS

July

Incident Date 09 Jul 2018

Incident description

While driving a car, car's one wheel stuck suddenly. The reason for that was that one piece from the car's brake was split and caused the sticking. When that happened, speed was 80km/h. No injuries.

Types of incident  Near miss

Operational phase Mobilisation

Survey type

Human and system factors

Contributing factors

Mechanism of injury factors

Lost person hours 0

Number of persons injured 0

Injury event

The following section is required where one or more persons have suffered an injury, no matter how minor, as a result of this incident.

Treatment type

Body part injured

Nature of injury

Number of persons with permanent disabilities 0

Number of hospital inpatient days 0

Number of fatalities 0

COMMENT Vehicle maintenance is a recurring theme in the harsh condition experienced while surveying. Careful pre use checking can combine with regular maintenance to reduce the frequency of incidents and lower the risk of a major incident.

August

Incident Date 05 Aug 2018

Incident description

The transmitter caught on fire in the field. The transmitter was extinguished by fire extinguisher. No injuries.

Types of incident ✓ Near miss

Operational phase Surveying

Survey type ✓ EM

Human and system factors

Contributing factors

Mechanism of injury factors

Lost person hours 0

Number of persons injured 0

Injury event

The following section is required where one or more persons have suffered an injury, no matter how minor, as a result of this incident.

Treatment type

Body part injured

Nature of injury

Number of persons with permanent disabilities 0

Number of hospital inpatient days 0

Number of fatalities 0

COMMENT There have been a number of fires reported recently. Factors involved included the running of equipment in enclosed environments, including covered trailers to protect from weather. Sufficient distance between equipment and adequate ventilation can be specified in standard procedures

September

Incident Date

02 Sep 2018

Incident description

Minor loss of control of steering whilst turning a corner as a result of inaccurate data being recorded on daily pre start regarding tyre conditions. It was identified that front right tyre was 47psi, front left tyre was 32psi, rear right tyre was 57psi and rear left tyre was 37psi.

Incident location

Roxby Downs

Types of incident

✓ Near miss

Operational phase

Surveying

Survey type

✓ MT

Human and system factors

✓ Failure to adhere to SOP (e.g. missed a step in a defined standard operation procedure)

✓ Loss of control of vehicle

Contributing factors

✓ Motor vehicle or road surface (e.g. pothole caused loss of control)

Mechanism of injury factors

Lost person hours

0

Number of persons injured

0

Injury event

The following section is required where one or more persons have suffered an injury, no matter how minor, as a result of this incident.

Treatment type

Body part injured

Nature of injury

Number of persons with permanent disabilities

0

Number of hospital inpatient days

0

Number of fatalities

0

COMMENT Vehicle prechecks are essential to identify potential risk

Incident Date 03 Sep 2018

Incident description

Despite being secured, objects came loose and fell out of vehicle whilst travelling at speed limit 100kmph on Stuart Highway towards PT Augusta.

Types of incident ✓ Near miss

Operational phase Mobilisation

Survey type ✓ MT

Human and system factors ✓ Failure to adhere to SOP (e.g. missed a step in a defined standard operation procedure)
✓ Misjudgement of risk (a person underestimated the level of risk in a task or operation)

Contributing factors ✓ Motor vehicle or road surface (e.g. pothole caused loss of control)

Mechanism of injury factors

Lost person hours 0

Number of persons injured 0

Injury event

The following section is required where one or more persons have suffered an injury, no matter how minor, as a result of this incident.

Treatment type

Body part injured

Nature of injury

Number of persons with permanent disabilities 0

Number of hospital inpatient days 0

Number of fatalities 0

COMMENT Load security has been identified in several repots to this system. Load coverage and use of tie down straps is essential

Incident Date 19 Sep 2018

Incident description

The trailer broke up while driving. The shaft between car and trailer fell down. Speed 60 km/h. ATV was inside of the trailer. Nothing else happened.

Types of incident ☒ Near miss

Operational phase Mobilisation

Survey type ☒ IP

Human and system factors

Contributing factors ☒ Mechanical failure (e.g. failure of a structure, mechanical breakdown or other physical fault of equipment)

Mechanism of injury factors

Lost person hours 0

Number of persons injured 0

Injury event

The following section is required where one or more persons have suffered an injury, no matter how minor, as a result of this incident.

Treatment type

Body part injured

Nature of injury

Number of persons with permanent disabilities 0

Number of hospital inpatient days 0

Number of fatalities 0

COMMENT Vehicle Maintenance of ancillary equipment was identified in the 2017-18 annual report as requiring specific attention in order to manage risk

Incident Date 22 Sep 2018

Incident description

Whilst recharging a battery the charger was incorrectly set at 24V instead of the required 12V as a result the battery overheated.

Types of incident ✓ Near miss

Operational phase Surveying

Survey type ✓ MT

Human and system factors ✓ Failure to adhere to SOP (e.g. missed a step in a defined standard operation procedure)

Contributing factors

Mechanism of injury factors

Lost person hours 0

Number of persons injured 0

Injury event

The following section is required where one or more persons have suffered an injury, no matter how minor, as a result of this incident.

Treatment type

Body part injured

Nature of injury

Number of persons with permanent disabilities 0

Number of hospital inpatient days 0

Number of fatalities 0

COMMENT Battery related incidents have appeared regularly in GGSSA safety system. Correct size and voltage batteries, correct charging procedures and connection procedures are required. Each country has mobile / auxiliary battery safety standards which take into account the severity and range of temperatures specific to your area.

Incident Date

01 Sep 2018

Incident description

12 volt battery overheated and expanded after being on charge over night. It is uncertain what factors contributed to the incident since alligator clips from battery charger were connected to the right terminals on the battery, and both the charger and the battery were kept in an open space, though according to information from crew members; during pervious stint multiple situations occurred where crew members connected alligator clips to wrong terminals for various time intervals.

Such error might have caused enough damage to the battery that it can no longer tolerate being recharged.

Other possible causes could be due to batteries bouncing around too much during off road driving on dirt roads.

Types of incident

✓ Near miss

Operational phase

Surveying

Survey type

✓ MT

Human and system factors

✓ Failure to adhere to SOP (e.g. missed a step in a defined standard operation procedure)

Contributing factors

✓ Mechanical failure (e.g. failure of a structure, mechanical breakdown or other physical fault of equipment)

Mechanism of injury factors

✓ Other possible causes could be due to batteries bouncing around too much during off road driving on dirt roads.

Lost person hours

0

Number of persons injured

0

Injury event

The following section is required where one or more persons have suffered an injury, no matter how minor, as a result of this incident.

Treatment type**Body part injured****Nature of injury****Number of persons with permanent disabilities**

0

Number of hospital inpatient days

0

Number of fatalities

0

OCCURRENCE OF HARM OR DAMAGE

July

None reported

August

None reported

September

None reported

October

Incident Date 20 Oct 2018

Incident description

Whilst driving on the highway a kangaroo came out from the scrub on the road side and came into contact with the rear wheel arch of the vehicle.

Types of incident ☒ Occurrence of damage or harm

Operational phase Mobilisation

Survey type ☒ IP

Human and system factors ☒ Misjudgement of risk (a person underestimated the level of risk in a task or operation)

Contributing factors

Mechanism of injury factors

Lost person hours 0

Number of persons injured 0

Injury event

The following section is required where one or more persons have suffered an injury, no matter how minor, as a result of this incident.

Treatment type

Body part injured

Nature of injury

Number of persons with permanent disabilities 0

Number of hospital inpatient days 0

Number of fatalities 0

INJURY TO PERSON OR PERSONS

July

Incident Date 10 Jul 2018

Incident description

Toe nail was hurt by walking with Steel toe boots

Types of incident ✓ Injury to person or persons

Operational phase Surveying

Survey type ✓ IP

Human and system factors

Contributing factors ✓ Exposure to natural elements (e.g. sun and hot weather)

Mechanism of injury factors ✓ Walking with steel toe boot

Lost person hours 3

Number of persons injured 1

Injury event

The following section is required where one or more persons have suffered an injury, no matter how minor, as a result of this incident.

Treatment type ✓ First aid

Body part injured ✓ Lower limb (leg and/or foot)

Nature of injury ✓ Scrapped toe nail

Number of persons with permanent disabilities 0

Number of hospital inpatient days 0

Number of fatalities 0

COMMENT PPE needs to be fitted correctly and in the case of footwear, footcare is an important adjunct.

August

Incident Date	06 Jul 2018
Incident description Food poisoning on camp	
Types of incident	✓ Injury to person or persons
Operational phase	Surveying
Survey type	✓ Nat Field ✓ IP
Human and system factors	✓ Misjudgement of risk (a person underestimated the level of risk in a task or operation)
Contributing factors	✓ Exposure to natural elements (e.g. sun and hot weather)
Mechanism of injury factors	✓ Food poisoning
Lost person hours	4
Number of persons injured	1
Injury event The following section is required where one or more persons have suffered an injury, no matter how minor, as a result of this incident.	
Treatment type	✓ First aid ✓ Doctor's room, emergency department or outpatient treatment
Body part injured	
Nature of injury	✓ Poisoning ✓ Food poisoning
Number of persons with permanent disabilities	0
Number of hospital inpatient days	0
<u>Number of fatalities</u>	<u>0</u>

Incident Date	20 Aug 2018
Incident description	Rocks on walking Trail broke off and operator fell down 3.5m.
Types of incident	✓ Injury to person or persons
Operational phase	Surveying
Survey type	✓ Magnetic
Human and system factors	✓ Misjudgement of risk (a person underestimated the level of risk in a task or operation)
Contributing factors	✓ Mechanical failure (e.g. failure of a structure, mechanical breakdown or other physical fault of equipment)
Mechanism of injury factors	✓ Fall from height > 1.2m
Lost person hours	168
Number of persons injured	1
Injury event	The following section is required where one or more persons have suffered an injury, no matter how minor, as a result of this incident.
Treatment type	✓ Doctor's room, emergency department or outpatient treatment
Body part injured	✓ Shoulder
Nature of injury	✓ Fracture
Number of persons with permanent disabilities	0
Number of hospital inpatient days	2
Number of fatalities	0

COMMENT

Rough terrain was identified in the 2017-18 annual report as a significant contributor to risk. This incident is severe and resulted in both significant injury and lost time

September

Incident Date

14 Sep 2018

Incident description

Despite being well aware and equipped to maintain hydration an individual suffered minor heat stress resulting in dehydration, headache and vomiting whilst walking behind the vehicle to set up electrodes. The temperature was above 40 degrees and the individual was sent to rest and hydrate for the remainder of the day under supervision of the onsite paramedic and returned back to normal activities the next day.

Types of incident

✓ Injury to person or persons

Operational phase

Surveying

Survey type

✓ MT

Human and system factors

✓ Misjudgement of risk (a person underestimated the level of risk in a task or operation)

Contributing factors

✓ Exposure to natural elements (e.g. sun and hot weather)

Mechanism of injury factors

Lost person hours

4

Number of persons injured

1

Injury event

The following section is required where one or more persons have suffered an injury, no matter how minor, as a result of this incident.

Treatment type

✓ First aid

Body part injured

Nature of injury

✓ Dehydration

Number of persons with permanent disabilities

0

Number of hospital inpatient days

0

Number of fatalities

0

COMMENT Exposure to harsh climates increases the risk of exceeding the capacity of workers and brings the possibility of severe injury. Preemptive strategies to deal with heat and cold and sun exposure are required according to the setting.

October

Incident Date

24 Oct 2018

Incident description

The worker crashed with the chain which was laying over the cottage road while he was driving the ATV (24.10.2018, 9.00 AM). The chain hit the worker to the hands and the chest. The worker also hit his back with ATV's back rest at the same time. The visor of the helmet broke down.

The chain was between two metal stakes, about 0.5 meter above the ground. ATV speed was 30-40 km/h. Weather was sunny and temperature was about 10 degrees below zero. The worker didn't notice the chain. The worker was driving to the TEM working site. No very bad injuries- pain in hands and back. The doctor gave a one week sick leave (27.10-4.11).

Types of incident

✓ Injury to person or persons

Operational phase

Mobilisation

Survey type

✓ EM

Human and system factors

Contributing factors

✓ Motor vehicle or road surface (e.g. pothole caused loss of control)

Mechanism of injury factors

✓ Hitting object with body (moving person hits against a stationary object)

Lost person hours

50

Number of persons injured

1

Injury event

The following section is required where one or more persons have suffered an injury, no matter how minor, as a result of this incident.

Treatment type

✓ Doctor's room, emergency department or outpatient treatment

Body part injured

✓ Upper limb (arm and/or hand)

✓ back

Nature of injury

✓ Bruising

Number of persons with permanent disabilities

0

Number of hospital inpatient days

0

Number of fatalities

0